



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS**

# Brainloop Secure Client for iOS | Release Notes Collection



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.52.1**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.52.1
Release date:	November 2023
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.46.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 15 or newer

This document provides information about Brainloop Secure Client for iOS 1.52.1.

References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Bug fixes

- > **Fixed an issue that could cause the color of text and objects in Brainmark documents to be displayed wrongly.**

Reference: 157852 (#258812, #269919, #275058, #276318, #288197, #292387)

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/known-restrictions--brainloop-secure-client-for-ios>.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.52.0**

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Product:	Brainloop Secure Client for iOS
Version:	1.52.0
Release date:	October 2023
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.46.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 15 or newer

This document provides information about Brainloop Secure Client for iOS 1.52.0.

References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Improvements

- > **Upgraded Jailbreak library to the newest version.**

Reference: 181173

## 2. Bug fixes

- > **Enhanced the synchronization routine for events. Obsolete calendar entries and votes are no longer displayed in Brainloop Secure Client.**

Reference: 177645, 179580, 180018, 180683 (#272075, #275563, #287800, #288274, #288490)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/known-restrictions---brainloop-secure-client-for-ios>.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.50.0**

# Release Notes

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1. Bug fixes .....	3
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Product:	Brainloop Secure Client for iOS
Version:	1.50.0
Release date:	July 2023
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.46.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 14 or newer

This document provides information about Brainloop Secure Client for iOS 1.50.0.

References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Bug fixes

- > **Enhanced the synchronization routine to improve the performance.**

Reference: 180360, 180833, 180855 (#289691, #289725)

- > **Resolved an issue that prevented the display of comments in PDF documents in a specific case.**

Reference: 180763 (#289570)

- > **Fixed an issue that caused the repeated download of the same documents in a specific case.**

Reference: 178193 (#274385)

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/known-restrictions--brainloop-secure-client-for-ios>.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.42.0**

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Product:	Brainloop Secure Client for iOS
Version:	1.42.0
Release date:	February 2023
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 14 or newer

This document provides information about Brainloop Secure Client for iOS 1.42.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Bug fixes

### > **Fixed an issue related to the deletion of obsolete document versions from the Secure Client app.**

Document versions that have been deleted from Brainloop Secure Dataroom are removed from the Secure Client app, as expected. The version list in the app is also updated accordingly (**Documents** > **Options** > **Show all versions**).

Reference: 178125

### > **Resolved an issue that prevented users from sharing files with the native iOS Mail app.**

When selecting the **Open in** option for downloaded documents, users can select the native iOS Mail app again for sharing the document.

Reference: 173258

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.41.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.41.0
Release date:	October 2022
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 14 or newer

This document provides information about Brainloop Secure Client for iOS 1.41.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Improvements

### > **Updated the prerequisites for Secure Client to iOS 14 and newer.**

To ensure that our customers get the best value from using our products and for improved security, we are updating the minimum requirements for using Brainloop Secure Client to iOS 14. As of version 1.41, the Secure Client app can only be installed on iOS devices running iOS 14 and newer.

Reference: 171824

### > **Improved the security by enhancing jailbreak detection.**

Reference: 177785

### > **Enhanced the security by not showing the number of keystrokes on the digits pad when users enter their access code.**

Reference: 161438

### > **Fixed an error when using a peripheral keyboard.**

Using a peripheral keyboard for entering the access code is now working as expected.

Reference: 147701

## 2. Bug fixes

### SECURITY IMPROVEMENTS

- > **Improved the handling of cookies.**

Criticality: Low

CVSS: 2.2

Reference: 177787

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.39.0**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.39.0
Release date:	March 2022
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 13 or newer

This document provides information about Brainloop Secure Client for iOS 1.39.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Bug fixes

### 1.1. SECURITY IMPROVEMENTS

#### > Improved the security for storing user email addresses in the technical log.

In a specific case of removing a user from a shared review, the email address of the user was written to the technical logs. This is no longer the case. The technical logs are internal to the app but can be shared by the user.

Criticality: Medium

CVSS: 4.3

Reference: 173256

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.37.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.37.0
Release date:	November 2021
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 13 or newer

This document provides information about Brainloop Secure Client for iOS 1.37.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Introduced the option to share the log files with other apps available on the device.**

This enables users to select the channel for sending their log files to support, for instance, via the Outlook app. The new function is available in addition to the native option for sending the log files by iOS Mail app via the **Support** option.

Reference: 170122 (#232716)

### > **Introduced a new app icon for Secure Client.**

The new icon makes it easier for users to distinguish between different Brainloop apps that they may have on their device.



Reference: 163162

### 1.1. SECURITY IMPROVEMENTS

Several security improvements have been implemented in this version.

#### > **Improved the security by storing and handling the SAML token and regular user password sign-in tokens in the SecureStrings.**

This reduces the time that sensitive metadata stays in RAM.

Criticality: Low

CVSS3.1: 2.7

Reference: 117742

> **Changed the handling of removing TEMP files for improved security.**

This change has disabled caching on the disk for the PDF library.

Criticality: Low

CVSS3: 1.6

Reference: 126046

> **Ensured that users cannot paste their password into the Secure Client app during sign-in.**

Criticality: Low

CVSS3.1: 3.8

Reference: 128647

## 2. Bug fixes

> **Fixed an issue that caused the option Send securely to stop working.**

In a very specific case, the **Send securely** option stopped working. This has been resolved.

Reference: 157884 (#260445)

> **Fixed an issue that prevented documents from being closed.**

In some rare cases, documents could not be closed if an error occurred while they were opened. This has been resolved.

Reference: 172121

> **Improved the performance and the internal synchronization process.**

Reference: 171448

> **Fixed an issue that occurred when opening secure links to documents that are sent in emails.**

Reference: 172608

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.35**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.35.0
Release date:	July 2021
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 12 or newer

This document provides information about Brainloop Secure Client for iOS 1.35.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Implemented technical improvements for increased security and reliability.**

We have carried out several internal technical improvements to make Secure Client even more usable and reliable. This includes streamlining and updating libraries and ensuring that the app is compatible with the latest frameworks.

Reference: 163139

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.34**

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Product:	Brainloop Secure Client for iOS
Version:	1.34.0
Release date:	May 2021
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 12 or newer

This document provides information about Brainloop Secure Client for iOS 1.34.0

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Improved the error message displayed when users attempt to open a folder via a sent link from Secure Client.**

It is not possible to open folders via sent links in Secure Client. Users attempting this now receive an informative message.

Reference: 121121

### > **Blocked the installation of Secure Client on devices running older versions than iOS 12.**

It is no longer possible to install Secure Client on devices with an older version than iOS 12. Users attempting to do so receive an error message.

Reference: 151896

## 2. Bug fixes

### > **Fixed an issue that caused the Review until date to be empty in shared reviews.**

The **Review until** date now shows the date on which the review will close, as expected.

Reference: 155505

### > **Resolved an issue with Secure Client running with iOS 14.3 and old iPads.**

In very specific cases, when using old iPads with iOS version 14.3, there was a delay of several seconds for the **Vote** page or the **Event** page to display. This has been resolved.

Reference: 155948

> **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continuous effort to harden the security of our solutions.

Reference: 155955, 157568 (#243233, #258041)

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.33**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.33.0
Release date:	March 2021
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 12 or newer

This document provides information about Brainloop Secure Client for iOS 1.33.0

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 151916

## 2. Bug fixes

### > **Fixed several display issues related to events.**

All events of a dataroom are now shown, as expected, when viewed from the Secure Client app.

Reference: 155951

The number of participants in an event is shown correctly in the **Participants** field.

Reference: 155956

### > **Fixed an issue with uploading a file a second time.**

Uploading an updated version of a document caused an error. This has been resolved.

Reference: 150717

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.31.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.31.0
Release date:	November 2020
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 11 or newer

This document provides information about Brainloop Secure Client for iOS 1.31.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Implemented technical improvements for increased security and reliability.**

We have carried out several internal technical improvements to make Secure Client ready for future iOS versions and to conform with Apple's recommended best practices. This enhances the display of interactive web content and provides more security and reliability.

Reference: 148238

### > **Announcement: Changing prerequisites for Secure Client to iOS 12 and newer.**

To ensure that our customers get the best value from using our products and for improved security, we are updating the minimum requirements for using Brainloop Secure Client to iOS 12.

This update will take effect with the next release of Secure Client for iOS, which is currently scheduled for first quarter 2021. From then on, Brainloop Support for issues related to version 11 and older will discontinue.

Reference: 151896

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.30.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.30.0
Release date:	October 2020
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 11 or newer

This document provides information about Brainloop Secure Client for iOS 1.30.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Enhanced the printing functionality for the Secure Client app.**

Secure Client users can now print Brainmark documents with their private comments and markups as well as Brainmark documents with comments and markups from a shared review.

Reference: 148989 (#229799)

## 2. Bug fixes

### > **Resolved an issue with the visibility of events in Secure Client.**

Users can access events to which they have been invited from the Secure Client app. Events that have been removed in Brainloop Secure Dataroom are no longer shown in Secure Client.

Reference: 150796 (#234346)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.27.1**

# Release Notes

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1. Bug fix .....	3
2. Known restrictions.....	3

Product:	Brainloop Secure Client for iOS
Version:	1.27.1
Release date:	May 2020
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 11 or newer

This document provides information about Brainloop Secure Client for iOS 1.27.1.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. Bug fix

### > Fixed an issue that occurred when using SAML as authentication method.

Reference: 148987 (#229778, #229778)

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.27.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.27.0
Release date:	April 2020
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 11 or newer

This document provides information about Brainloop Secure Client for iOS 1.27.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Updated the minimum requirements for using Brainloop Secure Client to iOS 11.**

To ensure that our customers get the best value from using our products, we have updated the minimum requirements for using Brainloop Secure Client for iOS. As of version 1.27, the Secure Client app can only be installed on iOS devices running iOS 11 and newer.

Reference: 146137

### > **Improved security by enhancing jailbreak detection.**

We have integrated the third-party software iXGuard into Brainloop Secure Client for enhanced security. The system automatically checks whether the Secure Client app is run on a jailbroken device. If it detects tampering, users will receive an appropriate message, and the Secure Client app will stop working.

Reference: 146866

## 2. Bug fixes

### > **Fixed an issue with an unneeded password prompt when printing a View-and-Print Brainmark.**

In specific cases, users were unable to print a document with the Brainmark style **View & Print** from the Secure Client and were asked to provide a password.

Reference: 148066 (#225104, #225923, #225890, #226063, #227234)

> **Fixed an issue with editing comments in votes.**


Users revising a comment made in a vote can now click in any part of the comment and edit.

Reference: 126245 (#205146)

> **Removed a redundant authentication option in Settings > Access Code.**

Reference: 147035 (#220534)

> **Fixed an issue with closing the options menu without selecting an option.**

After tapping the selection icon  to the right of a document to display the document options, users were unable to close the context menu again. This has been resolved.

Reference: 148174

> **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 148304

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.25.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.25.0
Release date:	January 2020
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 11 or newer

This document provides information about Brainloop Secure Client for iOS 1.25.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Announcement: Changed prerequisites for using Brainloop Secure Client for iOS.**

To ensure that our customers get the best value from using our products and for improved security, we are updating the **minimum requirements for using Brainloop Secure Client to iOS 11**.

As of end of February 2020, there will be no more support for issues occurring in relation to iOS versions older than 11.

Reference: 146138

### > **Improved messaging for second-factor authentication.**

When logging in to the Dataroom server with second-factor authentication from the Secure Client app, users can always abort by selecting **Cancel**. If they do so they can still access downloaded locally stored documents. This information is now also provided in the corresponding message.

Reference: 142584

### > **Upgraded RSA security to support cryptographic key lengths of up to 4096 bits.**

To conform with best practices recommended by several standard organizations, Brainloop Secure Dataroom now supports cryptographic **key lengths of up to 4096 bits**.

Consequently, as of version 1.25, Brainloop Secure Client for iOS will default to 4096 when connecting to Brainloop Secure Dataroom platforms running version 8.46.000 and higher. Shorter key lengths are still permissible when connecting to older versions of Brainloop Secure Dataroom.

*Available as of Brainloop Secure Dataroom version 8.46.00.*

Reference: 142591

> **Activated the functionality to support certificate pinning.**

As of Secure Client version 1.25 and higher, certificate pinning is supported. We recommend to upgrade from older versions to this one for improved security.

**Note** that the feature has not been activated on the Brainloop Secure Dataroom servers yet. We will communicate when this change takes effect.

Reference: 142901, 146172

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.24.0**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.24.0
Release date:	October 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.24.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 142495

## 2. Bug fixes

### > **Enhanced the usability of votes.**

Brainloop Secure Client now supports votes with a reference to a document folder. In the attachment view of the vote, users are shown the folder path and name, so that they can view the respective folder before casting their vote.

Reference: 128171 (#205577, #207920, #211106)

### > **Improved the behavior of syncing private comments and markups which have been added in offline mode, in case a new document version has become available online.**

Reference: 133718 (#208485)

### > **Fixed an issue that occurred when sharing a review with groups.**

Reference: 118013 (#197547, #205022)

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.23.0**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.23.0
Release date:	September 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.23.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > Prepared Brainloop Secure Client for the update to iOS 13.

Reference: 128771

#### **Users will be informed if their specific Secure Client version has been blocked for the Brainloop Secure Dataroom.**

For enhanced security, Dataroom Center Admins can block specific Secure Client versions from accessing the Brainloop Server. Users with such a version on their mobile device will no longer be able to connect to Brainloop Secure Dataroom. As of Secure Client version 1.23, users will receive an error message asking them to update to another version when they attempt to connect to the Dataroom.

*Available as of Brainloop Secure Dataroom version 8.46.000 (to be released in the near future)*

Reference: 128762

## 2. Bug fixes

### > Resolved a display issue with calendar events.

Participants in a calendar event that have been removed from the event are no longer incorrectly displayed in the **Show all** list for the event.

Reference: 50321 (#183456)

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.21.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.21.0
Release date:	July 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.21.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Enhanced the synchronization routine to increase the performance.**

With the new routine, documents with many reviews are synchronized much faster, resulting in an overall general acceleration of the process.

Reference: 133789 (#208411, #208873)

## 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.20.0**

# Release Notes

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3. Known restrictions.....	4

<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.20.0
Release date:	June 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.20.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements


### > **Added the option to stop synchronization.**

The new button **Stop synchronization** in the synchronization progress dialog allows users to stop the current sync process by tapping the button and confirming.

**Note:** If you stop the sync process and there is a download queue, the app will start downloading documents.


Reference: 126212

### > **Added an activity indicator to the login page to inform users about ongoing downloads.**

As part of the soft-lock functionality, the Secure Client app may be downloading even when the app has auto-locked and the login page is displayed. We have added an activity indicator  that will display together with the corresponding text information "Downloading" to indicate to users what processes are ongoing.

Reference: 101515

### > **Enhanced the Select a review page with additional information.**

When checking reviews via the **select a review** icon  in the PDF Viewer, users can now browse through the individual reviews in the list and open a dialog with review information. The data includes the review type and version, the last modified and expiration dates as well as the commented by information.

Reference: 81177 (#186252)

> **Improved the functionality for opening document links.**

If users click a document link from an email or other source to open a document, and another document has already been opened in the Secure Client app, they will receive a message offering to close the currently open document. With **Yes**, the open document closes and the document link is opened. With **No**, the app will navigate back to the currently open document.

Reference: 126211, 125734 (#203207)

## 2. Bug Fixes

> **Fixed an issue with printing comments and markups**

In specific cases, comments and markups that had been made in Brainloop Secure Client were not printed. This has been resolved.

Reference: 126274 (#205275)

> **Fixed an issue with sending off a vote from the Secure Client app.**

Users were able to tap the **Send** option when the Client app was still processing information. This has been resolved.

Reference: 128716 (#207577)

> **Resolved an issue that caused Secure Client 1.19 not to work on an iPad4.**

This has been resolved with version 1.20.

Reference: 128760 (#206669, #207976)

> **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 125505, 125725

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.19.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.19.0
Release date:	April 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.19.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).

## 1. New functionality and improvements

### > **Added date and time information of the last user login.**

In the **List of Dataroom servers**, users can now check the date and time of their last login. It is recommendable to check this from time to time as a security measure.

**Reference:**103367 (#183121)

### > **Disabled the option to trigger a manual synchronization of an individual Dataroom while a sync is running.**

The toggle switch for synchronizing a specific Dataroom is disabled while a synchronization is in progress.

**Reference:** 121163

### > **Added a security policy for not enforcing certificate pinning for a Dataroom or Dataroom Center**

If certificate pinning has been activated on the corresponding Dataroom server, Dataroom Center Managers can configure a security policy to *deactivate the enforcement of certificate pinning* for their Dataroom Center or Dataroom. If the Secure Client is connected to at least one Dataroom with this security policy, certificate pinning will be deactivated for all connected Datarooms residing on the same server. Users will be informed of the status of certificate pinning and/or the active security policy in the list of Dataroom servers and when adding a Dataroom.

**Revision of 7 May 2019:** ~~the entire device~~ was replaced with all connected Datarooms residing on the same server

**Note** that the feature has not been activated on the Brainloop Secure Dataroom servers yet. We will communicate when this change takes effect.

Additional information on certificate pinning is available here.

➔ [Certificate Pinning Quick Guide](#)

➔ [Certificate Pinning Technical Guide](#) (only available with customer login)

**Reference:** 121127, 122241, 123681, 123684 123683

> **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

**Reference:** 120315, 125528

## 2. Bug Fixes

> **Aligned the modified date displayed with documents in the Documents and Datarooms view.**

Previously, the displays showed the date on which the properties of a document had been changed. Now, Secure Client shows the date on which a document was last modified.

**Reference:** 103545

> **Fixed a rotation issue with comments and markups**

In specific cases, comments and markups in Brainloop Secure Client were rotated 90 degrees clockwise when reopening the PDF document.

**Reference:** 99724 (#178930)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.18.0**

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Product:	Brainloop Secure Client for iOS
Version:	1.18.0
Release date:	March 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.18.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

---

# 1. New functionality and improvements

## > Added the function to synchronize individual Datarooms manually.

In the list of Datarooms, tap the required Dataroom row and swipe to the left. Then click the **Sync** button that is displayed next to the “Last sync: <time>” column.

Reference: 112003

## > Added the possibility to deactivate automatic synchronization of all Datarooms.

In combination with the possibility to manually synchronize selected Datarooms this can significantly speed up the display process, for example, if users only want to synchronize a specific Dataroom.

➡ **Settings > Servers and Datarooms > Automatic synchronization > Off**

Reference: 73263

## > Updated the text information in the synchronization progress dialog.

Tapping the sync icon or the text next to it displays the progress dialog with the **Synchronize** button. The text for the synchronization status has been changed to **Last synchronization with all connected Datarooms** to reflect the fact that this is the display of the last *global* synchronization of all Datarooms and not the last *manual* synchronization of a selected Dataroom which is displayed on the **Datarooms** page next to each connected Dataroom.

Reference: 121001

## > Enhanced the retention period check.

Brainloop Secure Client now checks the retention period setting after each login and removes local files that have passed this time period. The retention period is an extra security mechanism that ensures that files on the Client are not stored locally longer than necessary. In previous versions the check was carried out after automatic synchronization.

Reference: 120322

## > Restored the messages for indicating password length and strength.

The password feedback messages on the **Change password** screen are available again and now feature two levels for providing feedback on the required password length and the required password strength.

➡ **Settings > Security > Change password**

Reference: 111684

## > Improved the comments and markups functionality.

We have refactored the comments and markups functionality to make it more stable and to resolve some display issues with private comments and markups.

Reference: 109158 (#187539), 112153 (#191169), 122006 (#199822, #199412)

## 2. Bug Fixes

> **Fixed a serious security vulnerability.**

The new version resolves this issue and therefore must be installed on all devices with immediate effect.

**Reference: 125593 (#201741)**

> **Fixed an issue causing the app to stop working when toggling between private and shared reviews.**

In very specific cases, when rapidly switching between private and shared reviews, the app would sometimes stop working.

**Reference: 108236 (#188021)**

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.17.0**

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Product:	Brainloop Secure Client for iOS
Version:	1.17.0
Release date:	January 2019
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.17.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

---

# 1. New functionality and improvements

- > **Added the information on the last synchronization for each Dataroom.**

On the **Datarooms** page, users can now see the last date and time of a successful synchronization for each connected Dataroom.

Reference: 100618

- > **Improved the performance for displaying the secondary authentication dialog.**

Whenever users have to provide their second authentication factor, for example after a session has expired or when configuring their Datarooms, the second authentication dialog now displays much quicker.

Reference: 117142

- > **Enhanced the visibility of the option "Send log file".**

We have created a green button for the **Send log file** option on the **Support** page. It opens the **Log file** page which features the **Send log file** button in the top-right corner of the screen.

Reference: 100590, 100657

- > **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 73201 (#158287)

## 2. Bug Fixes

- > **Fixed a display issue with highlight markups.**

In specific cases, comments and markups added with the highlight tool turned opaque and so made the highlighted text or graphics unreadable. This has been resolved.

Reference: 99928

- > **Resolved an access code issue resulting in wrong local storage data.**

In a very specific case, entering a wrong access code triggered local storage data damage, and the app had to be reset. This has been fixed.

Reference: 114713 (#193292)

> **Fixed an issue with wrongly removed Datarooms.**

In rare cases, the user was wrongly asked to connect to Dataroom servers that had already been configured. This caused Datarooms to be removed. This issue has been solved. In addition, you can now always cancel and close the **Connect to Dataroom server** screen, even if you have not entered any data.

Reference: 114930 (#193981)

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.16.0**

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Product:	Brainloop Secure Client for iOS
Version:	1.16.0
Release date:	November 2018
Type:	Update Release
Requires Brainloop Secure Dataroom:	8.42.000 or newer
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.16.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

---

# 1. New functionality and improvements

- > **Enhanced the visibility of the options “Support” and “Reset app” on the login screen.**

For better visibility of the options **Support** and **Reset app**, we have added a green bar to the bottom of the login screen.

Reference: 100589

- > **Improved the performance of differential and full synchronization.**

Secure Client now retrieves the Brainmark styles required for all downloaded documents using one combined request rather than individual requests. This significantly improves the speed of synchronization.

Reference: 103435 (#180155, #184313, #184693, #184804)

- > **Improved the usability for adding comments in votes.**

Users can now see whether the **Comment** field for their vote is mandatory or optional.

Reference: 103519, 112727

# 2. Bug Fixes

- > **Fixed a display issue with comments and markups after rotating the device.**

Comments and markups added with the pen or the highlight tool were displayed in the wrong position after rotating the device. This has been resolved.

Reference: 103359

- > **Resolved the display of unexpected options when editing Brainmark comments in iOS 12.**

The PDF viewer no longer displays unavailable comment and markup options for Brainmark documents, such as **Look up**, **Learn**, or **Share**, when users attempt to edit existing comments or markups.

Reference: 108330

- > **Improved the message displayed when PIN by email is required.**

The message requesting users to enter a PIN has been made more generic to include the transmission of PINs by email also.

Reference: 69573, 112253 (#146317, #188013)

### 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.15.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.15.0
Release date:	October 2018
Type:	Release
Requires Brainloop Secure Dataroom:	<ul style="list-style-type: none"> <li>&gt; 8.41.000 or newer is required for enhanced security code authentication via Brainloop Authenticator with a simple confirm.</li> <li>&gt; 8.42.000 or newer is required for SAML 2.0 authentication.</li> <li>&gt; 8.40.400 or newer is required to use security codes (TOTP).</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities.</li> <li>&gt; 8.30 or newer.</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.15.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

---

# 1. New functionality and improvements

## > **Implemented new soft-lock functionality to enable uninterrupted downloads.**

If the user locks the Brainloop Secure Client **app** manually or if the app goes into auto-lock mode while downloading a large number of documents, the app will enter a soft-lock mode and download will continue. Once all documents are downloaded, the app will lock itself as expected.

As well, the device will no longer lock itself while Brainloop Secure Client is downloading documents, regardless of the device's auto-lock settings. Once all the documents are downloaded, the Brainloop Secure Client app AND the device will lock themselves according to their respective auto-lock settings.

There are two prerequisites for the download to continue:

- The Brainloop Secure Client app must remain in the foreground.
- The device must not be locked manually.

**Note:** The soft-lock functionality is not available for synchronization.

Reference: 81283 (#160140)

## > **Improved synchronization performance for votes and events.**

The performance of differential synchronization for votes and events has been improved. This enhancement is available as of Brainloop Secure Dataroom version 8.43.

Reference: 103555

## > **Added a link to the current legal notice of Brainloop AG.**

Tapping **Legal Notice** in the **Support** page now opens the legal notice of Brainloop AG in a web browser.

Reference: 106153

## > **Implemented the functionality required for certificate pinning in Brainloop Secure Client.**

Certificate pinning as a strong authentication method is now available in Brainloop Secure Client. Users will notice the corresponding status messages in the new option **Settings > List of Dataroom servers**.

**Note** that the feature has not been activated on the Brainloop Secure Dataroom servers yet. We will communicate when this change takes effect. Additional information on certificate pinning is available [here](#).

Reference: 73202 (#158287)

## > **Improved security handling.**

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 105045

## 2. Bug Fixes

- > **Resolved an issue with displaying the most recent version of a boardbook to all users.**

Updates of a boardbook sent to users via email link are now displayed to all users with view rights.

Reference: 106302 (#187977, #184687)

- > **Fixed an issue with displaying annotations in reviews after the review period expired.**

Annotations in reviews are visible again after the **review by** date has passed. They are “view only” and cannot be modified or deleted.

Reference: 108408 (#188175)

- > **Fixed an issue with a wrongly displayed server configuration screen.**

In specific cases, users were wrongly shown the **Connect to Dataroom server** screen. Typing in their credentials resulted in the already configured Datarooms to be removed from the Secure Client App. This has been solved.

Reference: 108334, 108193, 108225 (#187994, #188902, #186255)

- > **Reinstated the option to print shared server-side annotations along with the PDF document.**

Due to a change in Adobe DC, shared server-side annotations were not printed with the print option "print document and markups". This has been solved.

Reference: 63875 (#1542686, #160586, #183820)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/boardroom/-in-tags/tags/Known-restrictions> and select **Brainloop Secure Client iOS**.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.14.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.14.0
Release date:	August 2018
Type:	Release
Requires Brainloop Secure Dataroom:	<ul style="list-style-type: none"> <li>&gt; 8.41.000 or newer is required for enhanced security code authentication via Brainloop Authenticator with a simple confirm.</li> <li>&gt; 8.42.000 or newer is required for SAML 2.0 authentication.</li> <li>&gt; 8.40.400 or newer is required to use security codes (TOTP).</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities.</li> <li>&gt; 8.30 or newer.</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.14.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).




If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

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# 1. New functionality and improvements

## > Revamped display of download and synchronization progress.

With version 1.14, the progress bar for synchronization has been replaced by an activity indicator  plus additional text information. Users can see that Secure Client is synchronizing or downloading when the icon spins. Tapping the icon displays a progress dialog with more detailed information about the state of the synchronization or download process:

- **Synchronization:** The dialog shows the name of the Dataroom that is currently being synchronized, the number of Datarooms that have been synchronized, and the number still pending.
- **Download:** The dialog shows the number of documents which are currently processed for download. Users are also offered to start a synchronization from this dialog by tapping the **Synchronize** button. Starting a synchronization automatically pauses the download process.

As before, the download queue is available via **Settings > Downloads > Show downloads**. From here, users can also pause the download process manually.

In idle mode with all synchronization and download processes completed, the synchronization icon  in the top navigation displays together with the time of the last synchronization. Tapping the icon or the text next to it displays the activity dialog with the **Synchronize** button.

We will continue to enhance the feedback in the dialog and in a future version also include information on errors that may have occurred.

Reference: 103269, 71925, 100662, 101559

## > Standardized the display behavior of the top navigation bar.

The top navigation bar of Brainloop Secure Client is now available from all views, that is: **Documents, Votes, Events, Datarooms, and Settings**.

Reference: 88317

## > Updated legal notice.

We have updated our legal notice to reflect a change to the management board of Brainloop AG.

Reference: 106189

## 2. Bug Fixes

### > Resolved user interface issues with Brainloop Secure Client and iPhone X.

The Brainloop Secure Client user interface now works as expected with iPhone X.

Reference: 86060, 86061, 86063, 86072

### > Fixed an issue causing the app to stop working during synchronization.

This happened when users pressed the **Home** button on the iOS device during synchronization.

Reference: 77945 (#158238 #167557)

### > Resolved a re-authentication issue after canceling the authentication process.

Users selecting **Settings > Security > Log out from Dataroom Servers**, and canceling the subsequent authentication request, in some cases had to restart the app in order to see the authentication request again. This has been solved.

Reference: 103296

### > Fixed an issue with opening documents with long names including spaces and special characters.

In very specific cases, when downloading documents with very long file names including German special characters and spaces, the internal PDF viewer would not open these documents. This has been solved.

Reference: 103513 (#183595)

### > Removed password strength feedback messages from password change screen.

Updates to an algorithm in Brainloop Secure Dataroom mean that the password strength messages shown in Secure Client were no longer accurate, and so were removed. Password validation is still in place. If users do not comply with the password requirements, they will receive an appropriate message.

Reference: 103509

### > Improved security handling

Brainloop undertakes constant internal and third-party security testing. This ticket ID represents our continual effort to harden the security of our solutions.

Reference: 96883

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.13.0**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.13.0
Release date:	July 2018
Type:	Release
Requires Brainloop Secure Dataroom:	<ul style="list-style-type: none"> <li>&gt; 8.41.000 or newer is required for enhanced security code authentication via Brainloop Authenticator with a simple confirm.</li> <li>&gt; 8.40.400 or newer is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> <li>&gt; 8.30 or newer</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 10 or newer

This document provides information about Brainloop Secure Client for iOS 1.13.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

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# 1. New functionality and improvements

## > **Changed prerequisites for using Brainloop Secure Client for iOS.**

To ensure that our customers get the best value from using our products, we have updated the minimum requirements for using Brainloop Secure Client for iOS. As of Version 1.13 the following minimum requirements apply:

- **Supported operating systems**

- iOS 10, and newer

- **Supported device models**

- iPad Air 2, and newer
- iPad Pro
- iPad mini 4, and newer
- iPhone 6, and newer

Reference: 88197

## > **Prepared Brainloop Secure Client for release of new “Postpone” voting option.**

Board members may sometimes decide that a proposal does not have enough information, or that more time is required before the board can decide on the proposal. To support this, Brainloop is launching a **Postpone** voting option. This indicates that the board member wants the proposal removed from voting and resubmitted at a later date. This release of Secure Client for iOS supports **Postpone** votes; however, board officers will only be able to create votes that allow postponements when the feature is available in an upcoming version of Brainloop Secure Dataroom.

Reference: 83152

## > **Improved messaging for required password changes.**

Users now receive an appropriate message if they enter the wrong password in Brainloop Secure Client after having updated their password in Brainloop Secure Dataroom.

Reference: 99952

## > **Added new log-out option to the security screen.**

Users can now log out from all Datarooms using the option **Settings > Security > Log out from Dataroom Servers**. The system then forwards users to the access code view, where they need to provide their access code plus their Dataroom login credentials again.

Reference: 96936 (#176192)

## > **Improved security handling**

Following an automated penetration test, we turned off a log functionality which made some logs accessible to other apps. Those logs did not contain any security-relevant information. This is a precautionary measure.

Reference: 96884

## 2. Bug Fixes

### > Fixed an issue causing a time lag with annotations.

Users no longer experience a delay when using a stylus to create annotations with more than 30 characters.

Reference: 77945 (#158238 #167557)

### > Fixed a display issue with document collections.

In rare cases, the PDF file extension was displayed with document collections on Brainloop Secure Client. This has been solved.

Reference: 83789 (#170277)

### > Improved performance when placing a vote.

The processing of votes is quick; during the process, the **Please wait** dialog displays and then disappears again.

Reference: 100553

### > Fixed an issue in which Brainloop Secure Client repeatedly prompted for the password.

Users no longer have to keep entering their Dataroom server password after providing it correctly in the Client app and establishing a connection.

Reference: 88206 (#165650, #165446/#164035, #174037, #172226, #176989, #179163, #179942, #180521)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.12.1**

# Release Notes

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.12.1
Release date:	June 2018
Type:	Hotfix
Requires Brainloop Secure Dataroom:	<ul style="list-style-type: none"> <li>&gt; 8.30 or newer</li> <li>&gt; 8.41.000 or newer is required for enhanced security code authentication via Brainloop Authenticator with a simple confirm.</li> <li>&gt; 8.40.400 or newer is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.12.1.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

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# 1. Bug fixes

- > **Fixed a synchronization issue with Brainloop Secure Dataroom that occurred in connection with specific server configurations.**

Reference: 99939

# 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.12.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.12.0
Release date:	June 2018
Type:	Release
Requires Brainloop Secure Dataroom:	<ul style="list-style-type: none"> <li>&gt; 8.30 or newer</li> <li>&gt; 8.41.000 or newer is required for enhanced security code authentication via Brainloop Authenticator with a simple confirm.</li> <li>&gt; 8.40.400 or newer is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.12.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized with the server, synchronize your Datarooms in the older version before uninstalling the app.

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# 1. New functionality and improvements

## > **Enhanced security code authentication via Brainloop Authenticator.**

Security codes are generated by the Brainloop Authenticator app on a mobile device. A new 6-digit time-based one-time password (TOTP) code is generated in 30-second intervals.

With this version of Secure Client, and if an internet connection is available, the Brainloop Authenticator app can also be used to confirm automatic authentication with Secure Dataroom. In that case, the user simply taps the **Confirm** button in Authenticator; the code no longer needs to be entered manually.

If no internet connection is available for the device, users can type the code in manually.

To use security code authentication, the corresponding Dataroom needs to be configured respectively. Also, the user's Brainloop Secure Dataroom account needs to be paired with the Authenticator app.

The automatic authentication via the **Confirm** button is available in connection with Brainloop Secure Dataroom version 8.41.000 and newer.

Reference: 77890

## > **New option to delete comments and markups directly from the sidebar.**

Users can now delete comments and markups in PDF Viewer directly in the sidebar by swiping to the left on the required comment and confirming the delete. This has the advantage that users can search, display and remove comments, all without having to leave the sidebar navigation.

Reference: 81202 (#165001, #166076)

## > **Aligned the color scheme for votes with the colors used in the web interface of Brainloop Secure Dataroom.**

The voting choice **Abstain** is now displayed in orange instead of in a light yellow.

Reference: 93151

## > **Improved security handling.**

Reference: 91031, 91040

# 2. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client 1.12.0, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.11.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.11.0
Release date:	April 2018
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer <ul style="list-style-type: none"> <li>&gt; 8.40.400 is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.11.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).




If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before uninstalling the app.

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## 1. New functionality and improvements

### > **New PDF View option allows users to change their default view settings on the fly**

The new **View** option available by tapping the **View** icon  in the icon bar of the PDF Viewer contains view and display options previously available and now removed from the **Settings** menu (in the bottom navigation bar). The system remembers changed view settings of the user for all subsequent PDF views.

The **View** option works like a single-select list. Users can change one option, for instance, tap **Single page continuous** or **Fit height**, and the system automatically closes the dialog and adjusts the view setting accordingly. This improves usability since users can change to their preferred view with just two clicks.

Reference: 78169, 83965 (#156880)

> **Flexible sidebar display for PDFs with and without table of contents**

The PDF navigation pane on the left now displays the **Search** pane for PDFs *without* table of contents and the **Contents** pane for PDFs *with* table of contents. This applies for fresh installations of Brainloop Secure Client and for user view settings with active sidebar display. Otherwise, as before, the system remembers changed view settings of the user and displays subsequent PDFs accordingly.


Reference: 81030

> **Improved Datarooms screen to show Datarooms in alphabetic order**

For better usability, Datarooms are listed alphabetically on the Datarooms screen and when adding and removing Datarooms. This helps users to quickly find the required Dataroom, even in long lists.


Reference: 83135, (#166558)

> **Added filter to sort events by name or by date**

Users can now sort events by name or by date. (Tap the **Sort by** icon ) Brainloop Secure Client remembers the user selection for future logins. By default, the system sorts events by date.

Reference: 84471

> **Enhanced option to “Show votes” directly from Documents screen**

Users can now display votes on a document directly from the **Documents** screen and no longer need to access the **Votes** screen first. Tap the selection icon  to the right of the document to display the document options. Select **Show votes**. If there are several votes for the document, users will receive a list with all votes for selection. If there is one vote, the **Show votes** option will immediately open the respective vote. If there are no votes for the document, the system will display an appropriate message.

Reference: 83439

> **Improved security handling**

Reference: 83563

> **Added data protection terms to support screen**

Click the new **Data protection terms** on the **Support** screen to open the data protection notice for the use of Brainloop Secure Dataroom Services in the browser. Available languages are English, German, French, Italian Portuguese and Spanish.

Reference: 86057

## 2. Bug fixes

### > Fixed synchronization issue in connection with expiring SAML session

Users accessing Brainloop Secure Client 1.10.0 after the SAML session had expired did not receive a SAML authentication dialog; instead, they ran into an error when attempting manual synchronization. This has been fixed with version 1.11.0.

Reference: 93133 (#173546, #173710)

### > Improved handling of comments and markups in reviews

A logic has been introduced to verify that all comments and markups sent from Brainloop Secure Client are correctly created in Brainloop Secure Dataroom (as of Version 8.41.000).

Reference: 95039, 89462 (#172547; #173997)

### > Improved handling of due date for shared reviews in Brainloop Secure Client

The due date for shared reviews created from Brainloop Secure Client now defaults to the **Shared Review Duration** set in the Dataroom Administration for the respective Dataroom (**Settings > Brainmark Options**). The default due date in previous Brainloop Secure Client versions was 10 days.

Reference: 50237 (#102056, # 174240)

### > Further enhanced download behavior

Reference: 76347 (#157405)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client 1.11.0, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.10.0**

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<b>Product:</b>	<b>Brainloop Secure Client for iOS</b>
Version:	1.10.0
Release date:	March 2018
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer <ul style="list-style-type: none"> <li>&gt; 8.40.400 is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.10.0.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first uninstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before uninstalling the app.

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## 1. New functionality and improvements

### > **Added full-text search functionality**

Users can now carry out a full-text search, directly from their mobile device, for document content available in connected Datarooms (**Documents** view, tap **Search** icon in the top-left navigation). The full-text search is only available in online mode. If no internet connection is available, users will receive an appropriate error message. Search results are displayed in a list. As with other searches, users can open any of the documents displayed in the search results.


Reference: 79945 (#136375)

> **Default message texts implemented for options Send securely and Share review**

The message bodies for **Send securely** and **Share review** now contain default texts. This means that users can quickly send documents without having to fill in the mandatory message body. If users write their own message text, the default text is ignored.

Reference: 78081, (#159670)

> **New filter to sort votes by name or by due date**

Users can now sort votes by **Name** or by **Due date**. (Tap the **sort by** icon ) This is particularly useful for open votes for which no **Due date** has been specified. By default, the system sorts votes by **Due date**.

Reference: 81290, (#165569)

> **Improved synchronization behavior for updating document collections with permission changes**

Various background processes have been improved to take care of updating document collections if permissions were changed for one or several documents.

Reference: 81133,

> **Enhanced download behavior**

The general download behavior has been improved.

Reference: 81331, 76347 (#157405)

> **Automatic iOS system backups are now deactivated by default, but can still be enabled**

For security reasons, a new feature has been introduced to deactivate the automatic system backup of Secure Client by default. Users may still allow backups: Select **Settings > Security**; slide the Include with **iOS backup** button from OFF to ON; confirm the warning message. When activated, this setting permits the Brainloop Secure Client app to be backed up by the device's system software.

Reference: 73204, 76434 (#158287)

> **Improved security and handling of customer log files**

For better usability and support purposes, the handling of customer log files of the Brainloop Secure Client app has been improved.

Reference: 78071, 83570

> **Updated legal notice**

We have updated our legal notice to reflect a change on the management board of Brainloop AG.

Reference: 86021

## 2. Bug fixes

### > **Fixed synchronization issue with comments and markups in document collections**

In very rare cases and only as of Brainloop Secure Dataroom server version 8.40.503: user comments and markups no longer synchronized if a user downloaded the Brainmark of a document collection to the Secure Client app and if the document collection was changed on the server side. This issue has been fixed.

Reference: 85937

### > **Improved download behavior**

The download process to Brainloop Secure Client is sustained even if several thousand documents are being downloaded from numerous different Datarooms.

Reference: 76347, (#157405)

### > **Fixed an issue with an arbitrary Change password alert**

Arbitrary **Change password** alert no longer displays ensuing login into Brainloop Secure Client.

Reference: 83664 (#169993, #170193, #170195, #170198, #170286)

### > **Updated the email validation routine to recognize special email addresses**

There was a problem with sharing reviews with Dataroom members with specific email addresses in the domain part (after the "At" symbol (@)) from Brainloop Secure Client. Users received an invalid email address error message. This issue has been fixed and Brainloop Secure Client is now able to recognize email addresses with complex structures.

Reference: 83724, (#170185)

## 3. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client 1.10.0, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you do not have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS 1.9.9**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.9.9
Release date:	January 2018
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer <ul style="list-style-type: none"> <li>&gt; 8.40.400 is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.9.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first deinstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before deinstalling the app.

## 1. New functionality and improvements

### > General security improvements

A number of general security improvements have been implemented in this version.

Reference: 73198, 73200, 73210, 76434

### > Previously used search filter is remembered

By caching the user's previous search filter, Secure Client enables multiple document searches using the same search filter, which helps the user to locate and retrieve documents more quickly.

Reference: 77981, 79939

### > Votes and Events icons can be hidden

The **Votes** and **Events** icons can now be hidden from the bottom navigation bar when not in use. To hide either or both icons, select **Settings > View**, and enable the toggle switches. Secure Client remembers the chosen setting when the app restarts, and votes and events will continue to be synchronized with the device, whether the icons are visible or not.

Reference: 79938

### > Optional opening screen on app launch

Users can now select either the Datarooms view or the Documents view as their preferred opening screen when launching Brainloop Secure Client for iOS. This preference, which is made via **Settings > View**, is retained until such time as the app is reset from the access code entry screen, at which point, it reverts to the default Documents view.

Reference: 79941

## 2. Bug fixes

### > Fewer synchronization messages are sent while using the app

Previously, when more than one Dataroom was being accessed on an iPad and a synchronization took place, multiple messages informed the user that the Datarooms' security policies required additional synchronizations. Now, only one such message appears per Dataroom, and only once during a login period.

Reference: 77991

## 3. Known restrictions

There are no known restrictions particular to Brainloop Secure Client 1.9.9. To view the known restrictions for previous versions of the app, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right of the page.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you don't have an account, please contact your Dataroom Center Manager.



Information classification: Internal

**BRAINLOOP SECURE CLIENT FOR IOS VERSION 1.9.7**

# Release Notes

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Product:	Brainloop Secure Client for iOS
Version:	1.9.7
Release date:	November 2017
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer <ul style="list-style-type: none"> <li>&gt; 8.40.400 is required to use security codes (TOTP)</li> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.3.5 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.7.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first deinstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before deinstalling the app.

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## 1. New functionality and improvements

### > Added the ability to collapse and expand the commenting tools

The Comments toolbar that appears at the right edge of documents can now be minimized, if required. This is especially useful when viewing documents on a smaller screen, such as an iPhone. By tapping the up-arrow positioned at the top of the Comments toolbar, the toolbar contracts into a single, down-arrow icon. Tapping this icon reopens the toolbar, enabling the commenting tools to be used again.

Reference: 72032 (#146890, 146892)

> **Added a new thinner line option for fineliner marks in the Comments toolbar**

This enables smaller, more precise comments and markups to be made. There are now five line width options for the fineliner tool.

Reference: 75619

> **Enabled voter comments to be displayed**

The comments of people participating in a vote can now be displayed in Secure Client. Previously, these comments were only viewable in the web browser version of Brainloop Secure Dataroom. Colons and semicolons in voter comments are not supported by Secure Client.

Reference: 76403, 79923 (#157871)

> **Added search feature at Dataroom level**

It is now possible to search for document names at Dataroom level by clicking on the magnifying glass icon in the top left corner of the screen.

Reference: 77982 (#159245)

> **Added Dataroom name information to the dialog displayed during initial synchronization**

Reference: 76325

> **Introduced a notification when synchronization fails due to a policy configuration**

If a synchronization error occurs because of a Dataroom policy configuration, the user is notified that this is the reason for the error, enabling them to request assistance from a Dataroom Administrator.

Reference: 76045, 77696 (#156230, #158498, #159539)

> **Improved the timing and frequency of notifications relating to Dataroom password expiry**

Notifications regarding the imminent expiry of a Dataroom password are now programmed to appear within dialogs only five times, and in a coordinated sequence. Users will receive a notification 10, 5, 3 and 2 days before the password expires, and on the day before expiry. Users see the message only once a day and can clear the notification by tapping on **Cancel**.

Reference: 74014 (#148261)

> **Improved the sending of comments and markups to the server**

Documents that contain many comments and markups are sent to the server faster, speeding up the synchronization process. This improvement applies when using Brainloop Secure Client with Brainloop Secure Dataroom 8.40.400 or later.

Reference: 75649

## 2. Security improvements

### > Strengthened Access Code policy settings

The synchronized Dataroom with the strongest access code policy now dictates the required access code for all synchronized Datarooms. Consequently, a simple access code cannot be used for Secure Client if one or more synchronized Datarooms require a complex access code. However, the user needs only to define a new complex access code to gain entry to all Datarooms.

If a user has a simple access code but tries to synchronize a Dataroom protected by a complex access code policy (PIN complexity="complex"), a dialog will appear. This dialog informs the user that their access code must be changed from simple to complex in order to synchronize the required Dataroom to the device. The user taps **OK** and is taken to the **Change access code** screen. Having changed the access code to complex, the Dataroom can then be added to Secure Client.

Similarly, if the age of the access code being used by the device is too old, according to the policy of one or more synchronized Datarooms, entry is denied to all Datarooms on the app. A dialog appears, notifying the user that a new access code is required. This dialog only appears when the app is unlocked, following either a manual lock or autolock. This code can be simple or complex, depending on the policy requirements of the synchronized Datarooms.

If the policy settings for access code complexity and/or access code age are strengthened for one or more of the synchronized Datarooms either between or during synchronizations, the new, stronger settings will apply to all Datarooms in Secure Client. This may require the user to define a new, complex access code for the app, where a simple code was previously acceptable.

Reference: 62322, 73208, 74420

## 3. Bug fixes

### > Enabled the app to always determine the duration since the last synchronization

If Secure Client remains open in the background while other apps are being used, or if the app is closed completely, it is still able to determine when the last synchronization took place. If the user reopens or returns to the app 60 minutes or more after the last synchronization took place, the app will synchronize automatically.

Reference: 78316 (#160855)

### > Fixed display issues in the votes screen

The results of a vote now appear in the language setting of the device and not in default English. Additionally, 'Not Voted' is now included as an option alongside the pie chart that displays the results.

Reference: 76038 (#156461)

### > Fixed an issue where fineliner comments disappeared

Previously, when a user made a fineliner comment in a document, then tapped the background before tapping the fineliner tool again to deactivate it, the newly created comments disappeared. This bug has been fixed.

Reference: 79837 (#161836)

## 4. Known restrictions

For a list of known restrictions relevant to Brainloop Secure Client 1.9.7, please visit our Knowledge Base at <https://support.brainloop.com/kb/dataroom> and select **Secure Client iOS** from the tag list on the right of the page.

**Note:** A Brainloop Customer Service Portal account is required to log in and access this information. If you don't have an account, please contact your Dataroom Center Manager.



**BRAINLOOP SECURE CLIENT FOR IOS VERSION 1.9.6**

# Release Notes

Product:	Brainloop Secure Client for iOS
Version:	1.9.6
Release date:	October 2017
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer > 8.40.400 is required to use security codes (TOTP) > 8.40.200 or newer is required for the extended commenting and markup functionalities > 8.30.701 or newer is required for SAML 2.0 authentication
Requires API version:	3.0
Requires iOS operating system:	iOS 9.0 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.6.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. (#123456).



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend first deinstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before deinstalling the app.

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## 1. New functionality and improvements

### > Quicker, more reliable authentication using TOTP-based security codes

Security code authentication has been introduced to Brainloop Secure Client for iOS to enable quicker, more reliable access to Brainloop Secure Dataroom. Now, when using the iPad or iPhone app to connect to Brainloop Secure Dataroom (from version 8.40.400), users can choose to use TOTP-based security codes (Time-based One-Time Password) to authenticate themselves.

The feature requires security code authentication to be activated for the Dataroom being accessed, and the user to activate the **Security Code** function in Brainloop Secure Dataroom by opening **Profile and Settings > Member Account**.

Two-factor authentication was previously a feature of Brainloop Secure Client, though until now, it relied solely on PINs being sent to the user via text message (SMS) or email. Security codes use an alternative technology to verify the user's identity. The codes are generated by Brainloop's free Authenticator app – available for iOS, Android, and Windows Mobile devices.

The Authenticator app generates a user-unique security code every 30 seconds. The user types a valid code into Secure Client to verify their identity and gain access to a Dataroom. Using Time-based One-Time Password algorithms RFC 4226/RFC 6238, this means that security codes are accessible even when the device has no internet connection or mobile service.

Reference: 52665 (#111331)

#### > **Option to use a complex access code is available when configuring the app**

Secure Client for iOS now enables complex access codes to be configured during initial setup. Users can choose between a simple access code, which comprises a series of numbers, or a complex access code, which has at least eight characters and includes a combination of letters and numbers.

As well as being available at the initial configuration of Secure Client, this option is also available from within the app by tapping **Settings > Access Code**.

The **Access Code** dialog contains a toggle switch to activate and deactivate the **Complex access code** option. Tapping the toggle switch opens a further dialog to change the access code. The user inputs the current simple access code, and then uses the full keyboard to select and confirm a new complex access code. This process can be cancelled at any time.

Provided the security policy of the Dataroom allows it, a complex access code can be changed back to a simple code by using the toggle switch to deactivate the option and enter a new simple code. Note, however, that a complex access code may be required to enter certain Datarooms.

Reference: 73326

#### > **Support now available from the login page**

A Support link is now available directly from the login page. This provides users with access to the Setup guide, User guide, Customer Service Portal and email support without having to first log in to the app. The same support resources remain available from within the app by tapping **Settings > Support**.

Reference: 74435

#### > **New pasteboard option**

A new pasteboard option has been introduced in Secure Client 1.9.6 to help increase security by preventing confidential content being left on a device's pasteboard. The default option is to not allow content to be copied between Secure Client and other apps. However, this setting can be changed by going to **Settings > Security** and using the **Allow pasteboard** toggle switch to activate the option and allow content to be copied and pasted.

Copied content remains on the pasteboard so long as **Allow pasteboard** is activated. This applies even when the Secure Client app is closed. To ensure that content is deleted from the pasteboard when no longer required, the **Allow pasteboard** option must first be deactivated. Then, whenever a different application is made active in the foreground, or Secure Client is closed, the content of the pasteboard is deleted.

Reference: 73209 (#158287)

## 2. Bug fixes

### > **Comment toolbar appears only when comments are permitted**

The **Comment** toolbar appears only when viewing documents that permit comments and markups to be added, and not when viewing original documents, or documents for which the review period has expired.

Reference: 76350

### > **Opening and reviewing documents via emailed links has been improved**

Some issues relating to emailed links, including links to shared reviews have been improved.

Reference: 73679 (#150250)

### > **Correct numerical order of items when indexing is enabled**

When viewing a Dataroom that contains more than ten items, and which has indexing enabled, the items are now correctly ordered as 1, 2, 3... and not according to their first digit, which resulted in item 1 being followed by items 10, 11, 12, etc.

Reference: 74642 (#154789)

### > **Performance and security enhancements**

Several performance and security enhancements made in the API of Brainloop Secure Dataroom have improved the user experience of Brainloop Secure Client. For example, large files can now be uploaded faster and the speed of differential synchronization has been improved.

Reference: 65574, 71240, 71850, 73096, 73097, 73634, 73635, 73781, 69527, 74387

## 3. Advice on upgrading

### > When upgrading from a version of Brainloop Secure Client earlier than 1.9.4 to version 1.9.6, the user's settings in the app will be reset. If users who are upgrading from 1.8.3 have so far used a complex access code for opening the app, they must follow these steps:

1. Perform a synchronization of their Datarooms in version 1.8.3.
2. Uninstall version 1.8.3.
3. Install version 1.9.6 and reconfigure the app.

Following these steps is recommended for a smooth transition from Brainloop Secure Client 1.8.3 to version 1.9.6.

## 4. Known restrictions

- > When upgrading from a version of Brainloop Secure Client earlier than 1.9.4, the database will be reorganized. This may lead to an increased run time of the initial synchronization, especially if there are a high number of comments and markups. The additional time applies only when upgrading to version 1.9.6; later upgrades will be quicker.
- > If the download setting **Download all content** has been chosen under **Settings > Downloads > Options for downloading all content** and the Secure Client app is then upgraded from a version earlier than 1.9.4 to version 1.9.6, the synchronization finishes without initiating downloads. As a result, the download queue under **Settings > Downloads > Show downloads** is not filled with items as expected. As a workaround, users can initiate a differential or full synchronization manually after the upgrade.
- > If users upgrade from a version of Brainloop Secure Client earlier than 1.9.4, previously downloaded documents with private reviews cannot be edited in offline mode. Instead, a new, empty private review is created locally, and users will not see their previous comments and markups. However, their previous comments and markups will reappear after the next synchronization. Users can add further comments and markups in the empty document. When they are online again and perform a differential synchronization, the new comments and markups are merged with the ones from the previous private review. This issue occurs only after an upgrade from a version earlier than 1.9.4; it does not occur if a clean installation of version 1.9.6 is performed or an update from 1.9.4 or 1.9.5.
- > Messages shown during active synchronizations should be more informative (Reference: 74498)
- > If a user account is temporarily locked, for example because of having repeatedly entered an incorrect password or PIN when trying to connect to a Dataroom, and the user then performs a synchronization of Secure Client, all Datarooms from this platform are removed from the Secure Client app. The user can then reconfigure them in the app. (Reference: 76437)
- > It is currently not possible to open a shared review from an email if the document is already open in Secure Client (Reference: 73931)
- > Users are not directed to the upload dialog after providing PIN or security code authentication to upload a document to a Dataroom. The users need to tap **Upload a document** again in order to proceed. (Reference: 73679)
- > After cancelling a prompt to authenticate for a differential synchronization and then starting the differential synchronization again, no progress bar is displayed. (Reference: 76428)
- > In Brainloop Secure Dataroom 8.40.300 and older versions, copying folders and files via the web interface includes copying the modification date by default. This may confuse the differential synchronization, as the copied folders and files will not be recognized as new or changed. This has been corrected in Brainloop Secure Dataroom version 8.40.400. (Reference: 74811)
- > If an XML security policy file enforces using a complex access code for a Dataroom, this Dataroom can be configured in the Brainloop Secure Client app even though the app is currently only protected by a simple access code. This means that some documents of this Dataroom might be listed on the **Documents** tab. However, these

documents and the Dataroom itself are only accessible after the user has switched from the simple access code to a complex code.

- > A differential synchronization for a Dataroom can also be initiated by swiping down the displayed documents and folders list of the Dataroom. During the synchronization, a download indicator is displayed. Under specific circumstances there might be display issues with this download indicator.
- > While external keyboards are not officially supported because of security concerns, they may be used.
- > If a user's permission to view a document has expired, the **Export > Open in** feature does not react.



**BRAINLOOP SECURE CLIENT FOR IOS VERSION 1.9.5**

# Release Notes

Product:	Brainloop Secure Client for iOS
Version:	1.9.5
Release date:	September 2017
Type:	Hotfix
Requires Brainloop Secure Dataroom:	8.30 or newer > 8.40.200 or newer is required for the extended commenting and markup functionalities > 8.30.701 or newer is required for SAML 2.0 authentication
Requires API version:	3.0
Requires iOS operating system:	iOS 9.0 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.5.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.



If updating Brainloop Secure Client from a version older than 1.9.4, we recommend deinstalling the previous version of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before deinstalling the app.

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## 1. New functionality and improvements

### > Usability improvements for the fineliner in document annotations

Previously, when using Brainloop Secure Client's fineliner tool to mark up a document, each stroke made by the fineliner represented a separate object. This meant that to edit or remove these markups, each stroke had to be selected and changed individually. Now, markups made with the fineliner tool can be grouped together, making it quicker and easier to select, edit or delete them as a whole.

All markups made between tapping the fineliner icon to select it and tapping the icon again to deselect the tool are grouped. In addition, markups are grouped together between selecting the fineliner tool and then opening the

tool's edit menu, selecting a different tool, or switching to another page. Each group is displayed as an individual entry under the **Comments** tab of the navigation sidebar.

Tapping on any markup within a group displays a bounding box around all the markups in that group. Above the bounding box an edit menu is displayed, enabling the thickness, color and opacity of all markups within the selected group to be edited, or the group to be deleted.

This improved functionality also has a positive impact on synchronization speed.

Reference: 60808, 74645

#### > Eraser tool

A new freehand eraser tool has been introduced. With this tool, any part of a markup created with the fineliner or marker tool can be accurately deleted by drawing directly onto the screen.

Reference: 72094

## 2. Known Restrictions

- > When upgrading from a version of Brainloop Secure Client earlier than 1.9.4 to version 1.9.5, the users' settings in the app will be reset. If users who are upgrading from 1.8.3 have so far used a complex access code for opening the app, they must follow these steps:

1. Perform a synchronization of their Datarooms in version 1.8.3.
2. Uninstall version 1.8.3.
3. Install version 1.9.5 and reconfigure the app.

Following these steps is recommended for a smooth transition from Brainloop Secure Client 1.8.3 to version 1.9.5.

- > When upgrading from a version of Brainloop Secure Client earlier than 1.9.4, the database will be reorganized. This may lead to an increased run time of the initial synchronization, especially if there is a high number of comments and markups. The additional time will only be needed during the upgrade to version 1.9.5; later upgrades will be quicker.
- > If users have upgraded from a version of Brainloop Secure Client earlier than 1.9.4, previously downloaded documents with private reviews cannot be edited in offline mode. Instead, a new empty private review is created locally, and users will not see their previous comments and markups. However, their previous comments and markups will reappear after the next synchronization. Users can add further comments and markups in the empty document. When they are online again and perform a differential synchronization, the new comments and markups are merged with the ones from the previous private review. This issue occurs only after an upgrade from a version earlier than 1.9.4; it does not occur if a clean installation of version 1.9.5 is performed or an update from 1.9.4.
- > The messages shown during active synchronizations should be more informative.
- > Copying folders via the web interface of Brainloop Secure Dataroom currently includes copying the modification date by default. This may confuse the differential synchronization, as the copied folders and files will not be recognized as new or changed. This will be corrected with one of the next Brainloop Secure Dataroom server releases. As a workaround, the user can deselect the option to copy the creation and modification dates when copying a folder or file in Brainloop Secure Dataroom by doing the following: Select **Multiple Items** > select the

folder or file to be copied by activating the checkbox to the left of its name > choose **Select an action** from the drop-down menu > choose **Copy Items** > click **Apply** > in the drop-down menu beneath **Target Folder** select **Advanced copy** > deselect **Copy creation and modification dates**.

- > For Datarooms containing documents with a large number of comments and markups, the speed of differential synchronization should be improved.
- > If a differential synchronization is interrupted, for example by locking the app, an attempt to start a new synchronization manually might initially fail without explanation.
- > If an XML security policy file enforces using a complex access code for a Dataroom, this Dataroom can be configured in the Brainloop Secure Client app even though the app is currently only protected by a simple access code. This means that some documents of this Dataroom might be listed on the Documents tab. However, these documents and the Dataroom itself are only accessible after the user has switched from the simple access code to a complex code.
- > A differential synchronization for a Dataroom can also be initiated by swiping down the displayed documents and folders list of the Dataroom. During the synchronization, a download indicator is displayed. Under specific circumstances there might be display issues with this download indicator.
- > If the download setting **Download all content** has been chosen under **Settings > Downloads > Options for downloading all content** and the Secure Client app is then upgraded from a version earlier than 1.9.4 to version 1.9.5, the synchronization finishes without initiating downloads. As a result, the download queue under **Settings > Downloads > Show downloads** is not filled with items as expected. As a workaround, users can initiate a differential or full synchronization manually after the upgrade.
- > The **Comment** toolbar appears when viewing original documents and documents for which the review period has expired, despite it not being possible to add comments and markups to these documents.



**BRAINLOOP SECURE CLIENT FOR IOS VERSION 1.9.4**

# Release Notes

Product:	Brainloop Secure Client for iOS
Version:	1.9.4
Release date:	August 2017
Type:	Release
Requires Brainloop Secure Dataroom:	8.30 or newer <ul style="list-style-type: none"> <li>&gt; 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>&gt; 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
Requires API version:	3.0
Requires iOS operating system:	iOS 9.0 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.4.

Text in bold print indicates elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.



Before installing Brainloop Secure Client 1.9.4, we recommend deinstalling older versions of Brainloop Secure Client from your device. In most cases, a standard upgrade also works, but the upgrade can take more time than a clean installation and re-configuration of the app.

To ensure that all locally saved content is synchronized, synchronize your Datarooms in the older version before deinstalling the app.

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# 1. New functionality and improvements

## 1.1. NEW CORPORATE BRANDING

The Secure Client app now reflects Brainloop's new corporate branding. In addition to the new logo, the new color scheme has been implemented.

Reference: 73133

## 1.2. IPHONE SUPPORT

The feature set of Brainloop Secure Client 1.9.4 is fully supported on the iPhone. This includes the ability to define a complex access code. Moreover, the user interface on the iPhone now corresponds to that on the iPad.

Reference: 55676; 57334 (#132785, #142516, #142866, #146676, #146889)


## 1.3. INITIAL AND DIFFERENTIAL SYNCHRONIZATION

The performance of the initial and differential synchronization has been significantly enhanced. This was achieved by an overhaul of many of the processes that contribute to synchronization and download. Initial and differential synchronization now show the contents of a configured Dataroom much more quickly.

Reference: 73654, 71943

## 1.4. SEARCH FUNCTIONALITY

Users can now search for documents in the **Documents** view, otherwise known as the Home screen.

1. Tap the **Search** icon  in the left corner of the top navigation bar.
2. Tap on the icon depicting a down arrow, and select the desired search filter from the drop-down list:
  - **All**: Displays a list of all documents with names that contain the letters entered (default option).
  - **Changed within the last 60 (30, 15) days**: Displays a list of documents that were changed within the selected number of days.
  - **Commented (downloaded only)**: Lists only those documents containing comments or markups, which were downloaded to your device and which either remain on the device (solid icon) or have subsequently been deleted from the device (grayed out icon).
  - **Recently viewed**: Displays a list of all recently opened documents.
3. Tap in the **Search for document names** field and, using the keyboard displayed, enter the name of the document, or part of its name.
4. Tap the **Search** key on the keyboard to start the search.


The results list contains all documents that match the search criteria from all Datarooms that have been synchronized with the device. The name of the Dataroom where the documents were found is shown directly above the name of the individual documents.

An ongoing search can be canceled by tapping the new **Cancel** button.

5. Tap a document to open it.

Reference: 71928, 73247, 73250, 74600

## 1.5. SORT BUTTON FOR DOCUMENTS AND FOLDERS LISTS

After users have selected a Dataroom in the **Datarooms** view, the documents and folders lists now show a **Sort by** icon  in the top-right corner of the screen.

After tapping this icon, users can select whether they would like to sort the documents and folders list by name or by the date when the documents or folders were last modified.

Reference: 53873

## 1.6. E-MAIL TEMPLATE FOR SENDING LOG FILES

If users want to report issues to Brainloop, they can send a log file and describe the issue by selecting **Settings > Support > Send log file > Send log file**. This opens a pre-filled draft e-mail in the Apple Mail app where the users can describe the issue in detail, share their user name, attach screenshots by tapping the camera icon on the keyboard, and give details about their device and the date and time of the issue. The log file is already attached to this e-mail.

Reference: 74502

# 2. Bug fixes

## 2.1. PERFORMANCE

- > A number of comprehensive performance improvements have been made in Brainloop Secure Client. The time needed to open documents and document collections has been significantly reduced. Issues with occasional freezes were resolved.

Reference: 71410 (#151456), 73109 (#152012), 71852 (#151186)

## 2.2. SYNCHRONIZATION

- > A message is displayed if an initial Dataroom synchronization requires entering a one-time PIN and the user cancels the PIN dialog.

Previously, cancelling this dialog could lead to a synchronization that never completed.

Reference: 65826

- > Documents attached to votes or events are now downloaded and displayed together with the vote or event. Secure Client users who receive an e-mail informing them that a new vote or event is available, and who tap on a link in this e-mail to open the vote or event in the Secure Client app, now see the documents attached to that vote or event. In some cases, the users will be asked to accept a synchronization before opening the documents. During synchronization downloads, the same download indicator is displayed for both votes and events.

Reference: 71669 (#150307), 66715

- > If an XML policy file enforces an automatic synchronization of documents upon entering a Dataroom on the device and the user taps the Sync icon, this manual user action no longer displays an error message. Instead, the

app recognizes that a synchronization is already running and that the requested manual synchronization is not needed.

Reference: 55081 (#130292; #132283, #146888)

- > Big Datarooms can now be added and synchronized successfully on all devices, also on older iPads with 512 MB RAM or less. Nevertheless, we recommend using a current iPad model for an optimal user experience.

Reference: 71224; 62371, 71960 (#151475, #153894)

## 2.3. USABILITY

- > If Brainloop Secure Client is used in combination with versions of Brainloop Secure Dataroom that are older than version 8.30.900, the attempt to use an expired password in the Secure Client app has previously led to issues regarding the availability of Datarooms and Dataroom Servers in the app. This has been corrected.

Reference: 71916 (#151698)

- > When the server was unavailable, in some cases, users were erroneously asked to enter their Dataroom password. This dialog has been removed, instead a message now informs the user that the server is not available.

Reference: 66566 (#146669, #146680, #148071 #149574)

- > If terms of use are specified for a Dataroom, accepting these terms of use is a prerequisite for using this Dataroom. If users have not yet accepted such existing or changed terms of use on the Brainloop Secure Dataroom website, they cannot use or synchronize the Dataroom or documents of this Dataroom in the Secure Client app.

A corresponding error message is now displayed that asks users to first accept the terms of use on the Brainloop Secure Dataroom website.

Reference: 66568; 66841 (#46892, #146890)

- > File names of document collections containing periods "." (e.g. 2017-AB-TOP1.documentname.pdf) are now fully displayed in Brainloop Secure Client.

Reference: 66716 (#147058, #146878)

## 2.4. COMMENTS AND MARKUPS

- > Issues related to comments and markups were resolved. For example, comments and markups are now synchronized to the document or the Boardbook (document collection) as expected. If users change the color of text comments, the chosen color is saved during synchronization.

Reference: 73773, 73863, 74746, 61001 (#146886)

- > Under specific circumstances, private reviews could not be synchronized to the Secure Client app, and an additional private review could not be created. This issue is now resolved.

Reference: 73102 (#139799, #152787), 73634

## 3. Administration

### 3.1. IMPROVED BEHAVIOR FOR POLICY ENFORCEMENT

Dataroom Center Managers and Dataroom Managers can use XML security policy files to enforce settings for individual Datarooms in Brainloop Secure Client. They may use such a policy file, for example, to enforce settings for access code complexity, for the retention period of documents on the mobile device, and for permission to open original documents in non-Brainloop apps. These settings are applied in addition to the settings specified in the **Settings** menu of the Brainloop Secure Client app.

Secure Client 1.9 improved the interaction of these two types of settings. In version 1.9.4, some additional optimizations were made:

- > *A value that is set in an XML security policy file will always override the app setting for this Dataroom.*

This applies to the policies **PIN complexity**, **maxLock**, **Retention maxTime**, and **ChangedContent** because these policies have an equivalent setting in the user interface of the Brainloop Secure Client app in the **Settings** menu.

The principle behind this is: If an XML policy file is applied to a Dataroom and contains a value for a policy, the XML policy value will be applied to this Dataroom in the Secure Client app, no matter how the equivalent setting has been defined in the app itself. If the policy file does not contain a policy value for an equivalent app setting, the setting defined in the app is valid for this Dataroom.

The policies **Synchronization minInterval**, **Exporting allowViewers**, and **maxAge** do not have an equivalent setting in the user interface of the Brainloop Secure Client app, hence the values for these policies are always applied to the Dataroom for which they are valid. If no value is specified for these policies in the XML policy file, no restriction is applied.

#### Exceptions/special cases:

- > The maximum period of inactivity before the Brainloop Secure Client app is automatically locked cannot be defined individually for each Dataroom via policy (policy setting: **maxLock**). Secure Client applies the strictest (that is: minimum) policy value to all configured Datarooms. This value is displayed in the app setting **Settings > Security > Lock app after inactivity (minutes)** and cannot be changed by the user. If no policy applies, the value can be set in the app.

Note that to ensure usability, only values of 1 minute or more are accepted. If smaller values are defined in the policy, a value of 1 minute is automatically applied.

- > Users can enforce a complex access code on their device (**Settings > Access Code > Change access code > Complex access code ON**). This complex access code can be used even if the policy for a Dataroom requires a simple access code (policy setting: **PIN complexity="simple"**).

For more information on using the XML security policy file, see the [Setup Guide for Brainloop Secure Client](#).

Reference: 64219

## 4. Known Restrictions

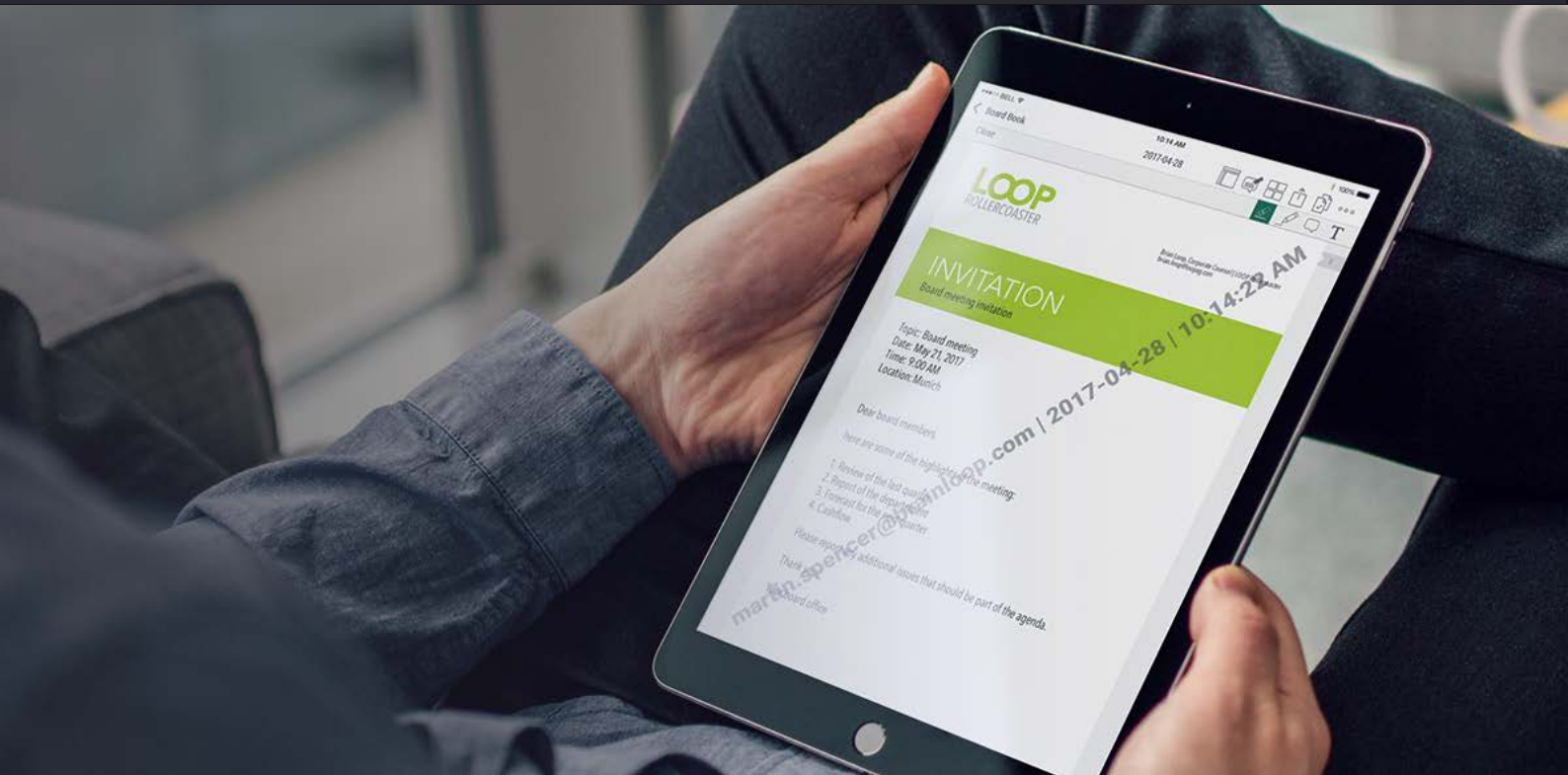
The following restrictions are known and will be addressed as indicated in upcoming releases:

- > When upgrading from Brainloop Secure Client 1.8.3 to version 1.9.4, the users' settings in the app will be reset. If users have so far used a complex access code for opening the app, they must follow these steps:
  1. Perform a synchronization of their Datarooms in version 1.8.3.
  2. Uninstall version 1.8.3.
  3. Install version 1.9.4 and reconfigure the app.

Following these steps is recommended for a smooth transition from Brainloop Secure Client 1.8.3 to version 1.9.4.

- > When upgrading from an earlier version to Brainloop Secure Client 1.9.4, the database will be reorganized. This may lead to an increased run time of the initial synchronization, especially if there is a high number of comments and markups. The additional time will only be needed during the upgrade to version 1.9.4, later upgrades will be quicker.
- > If users have upgraded an earlier version of Brainloop Secure Client to version 1.9.4, previously downloaded documents with private reviews cannot be edited in offline mode. Instead, a new empty private review is created locally, and the users will not see their previous comments and markups. However, their previous comments and markups will reappear after the next synchronization. The users can add further comments and markups in the empty document. When they are online again and perform a differential synchronization, the new comments and markups are merged with the ones from the previous private review. This issue occurs only after an upgrade from an earlier version, it does not occur if a clean installation of version 1.9.4 is performed.
- > The messages shown during active synchronizations should be more informative.
- > Copying folders via the web interface of Brainloop Secure Dataroom currently includes copying the modification date by default. This may confuse the differential synchronization, as the copied folders and files will not be recognized as new or changed. This will be corrected with one of the next Brainloop Secure Dataroom server releases.
- > For Datarooms containing documents with a large number of comments and markups, the speed of differential synchronization should be improved.
- > Each stroke made by a fineliner or marker tool currently represents an individual markup, leading to a high number of markups. This behavior will be revised in a future release.
- > If a differential synchronization is interrupted, for example by locking the app, an attempt to start a new synchronization manually might initially fail without explanation.
- > If an XML security policy file enforces using a complex access code for a Dataroom, this Dataroom can be configured in the Brainloop Secure Client app even though the app is currently only protected by a simple access code. This means that some documents of this Dataroom might be listed on the Documents tab. However, these documents and the Dataroom itself are only accessible after the user has switched from the simple access code to a complex code.
- > A differential synchronization for a Dataroom can also be initiated by swiping down the displayed documents and folders list of the Dataroom. During the synchronization, a download indicator is displayed. Under specific circumstances there might be display issues with this download indicator.

- > If the download setting **Download all content** has been chosen under **Settings > Downloads > Options for downloading all content** and the Secure Client app is then upgraded from an earlier version to version 1.9.4, the synchronization finishes without initiating downloads. As a result, the download queue under **Settings > Downloads > Show downloads** is not filled with items as expected. As a workaround, users can initiate a differential or full synchronization manually after the upgrade.



**BRAINLOOP SECURE CLIENT FOR IOS, VERSION 1.9.2**

# Release Notes

Product:	Brainloop Secure Client for iOS
Version:	1.9.2
Release date:	June 2017
Type:	Hotfix
Requires Brainloop Secure Dataroom:	8.30 or newer > 8.40.200 or newer is required for the extended commenting and markup functionalities > 8.30.701 or newer is required for SAML 2.0 authentication
Requires API version:	3.0
Requires iOS operating system:	iOS 9.0 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.2.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

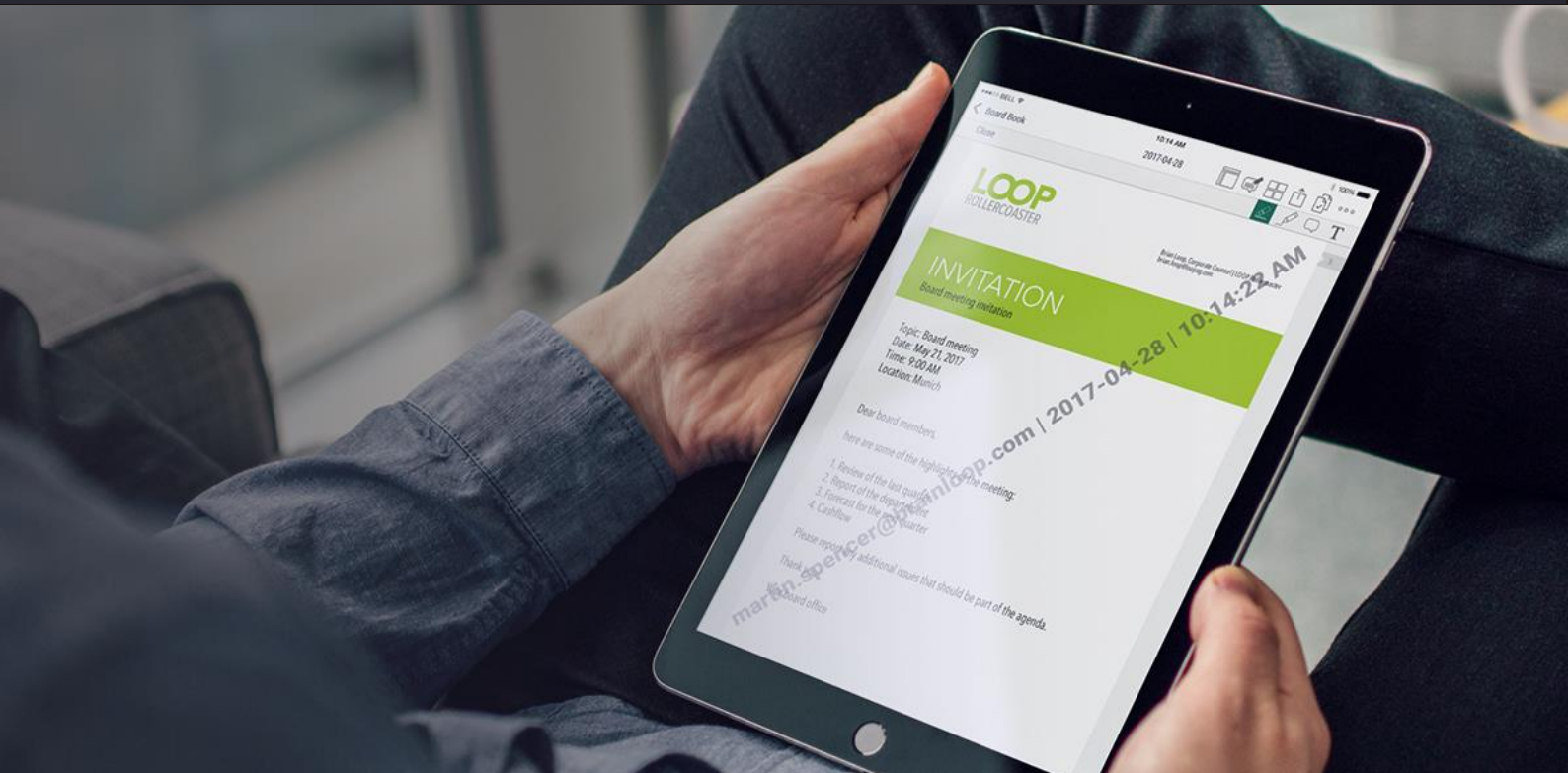
## 1. Bug fixes

- > Comments and markups can now be made in offline mode. Under specific circumstances it was not possible to use the **Commenting** toolbar when in offline mode. The underlying issue has been resolved.

Reference: 65969, #146404

- > An issue related to reviews of a document has been fixed.

Reference: 71239



**BRAINLOOP SECURE CLIENT FOR IOS, VERSION 1.9.1**

# Release Notes

Product:	Brainloop Secure Client for iOS
Version:	1.9.1
Release date:	May 2017
Type:	Hotfix
Requires Brainloop Secure Dataroom:	8.30 or newer > 8.40.200 or newer is required for the extended commenting and markup functionalities > 8.30.701 or newer is required for SAML 2.0 authentication
Requires API version:	3.0
Requires iOS operating system:	iOS 9.0 or newer

This document provides information about Brainloop Secure Client for iOS 1.9.1.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

## 1. New functionality

- > The Apple Pencil for iPad Pro can now be used with the Brainloop Secure Client.

Reference: 60806

## 2. Bug fixes

### Usability

- > Version 1.9 of the Secure Client requires an initial synchronization to migrate data to the new app. Issues have been resolved that occurred, in particular, during the synchronization of large Datarooms containing more than 5000 items.

This also resolved issues encountered during the initial synchronization when using an iPad Pro.

**Note:** The initial synchronization requires users to enter their PIN during the process.

Reference: 66584, #146816, #146829; 66741

- > With version 1.9 the initial and full synchronization has been extended in functionality. In addition to the download and verification of all Dataroom settings, events, votes and comments it now also synchronizes all

document versions and markups. As a result, and in particular for large Datarooms, the synchronization process requires more processing time.

To add transparency about the ongoing process, a popup now informs users about the synchronization status.

In addition, to ensure stability of the process, it is no longer possible to switch to other tabs during initial and full synchronization.

Reference: 66732, 66735, 65862, 66674, #146971; 66710, #146971; 65801; 66699, #147072

- > Critical download issues have been resolved that prevented Datarooms and folders from being displayed in the Brainloop Secure Client.

Reference: 66703, #146816, #146829; 66701, #146816 #146829, 66706

- > If an XML policy file is used in Brainloop Secure Dataroom to enforce that changed documents are not automatically downloaded to the Secure Client app (XML parameter setting **<ChangedContent ChangedContentDownload="OFF"/>**), this setting is now consistently interpreted as „OFF“. An issue in the previous version, which caused this setting to be reverted to the standard behavior in specific configurations, has been resolved. In addition, this setting now takes precedence over any configured interval settings.

For more information on the new implementation of XML policy files, please refer to the section **Improved alignment of app settings and policy settings** in the Secure Client Release Notes for version 1.9.

Reference: 66705, #146688; 66576, #14688

- > Communication between the Brainloop Secure Client and Brainloop Secure Dataroom has been improved. The color of text comments made in Adobe Reader during shared or private reviews is now correctly transferred to the Secure Client app and is displayed as expected.

Reference: 66737

- > A display issue has been detected on the Home screen regarding the information on the user who last updated a document. The value for the last content update erroneously included property modifications, such as using the **Send Securely** feature or using the features for private or shared reviews.

That is, the user displayed as the last modifier did not necessarily change the content but only modified a property of the document. To avoid confusion, in this product version, this value is no longer displayed on the Home screen.

Note that this display issue has no effect on access rights and restrictions for documents; these have always been applied as configured in Brainloop Secure Dataroom.

Reference: 69550, #148171

<b>Product:</b>	Brainloop Secure Client for iOS
<b>Version:</b>	1.9
<b>Release Date:</b>	April 2017
<b>Type:</b>	Release
<b>Requires Brainloop Secure Dataroom:</b>	8.30 or newer <ul style="list-style-type: none"> <li>• 8.40.200 or newer is required for the extended commenting and markup functionalities</li> <li>• 8.30.701 or newer is required for SAML 2.0 authentication</li> </ul>
<b>Requires API Version:</b>	3.0
<b>Requires iOS Operating System:</b>	iOS 9.0 or newer

This document provides information about the Brainloop Secure Client for iOS 1.9 release.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

## Brainloop Rebranding

- Brainloop Secure Client 1.9 is released with the new Brainloop logo.

Reference: 61017

## New functionalities and improvements

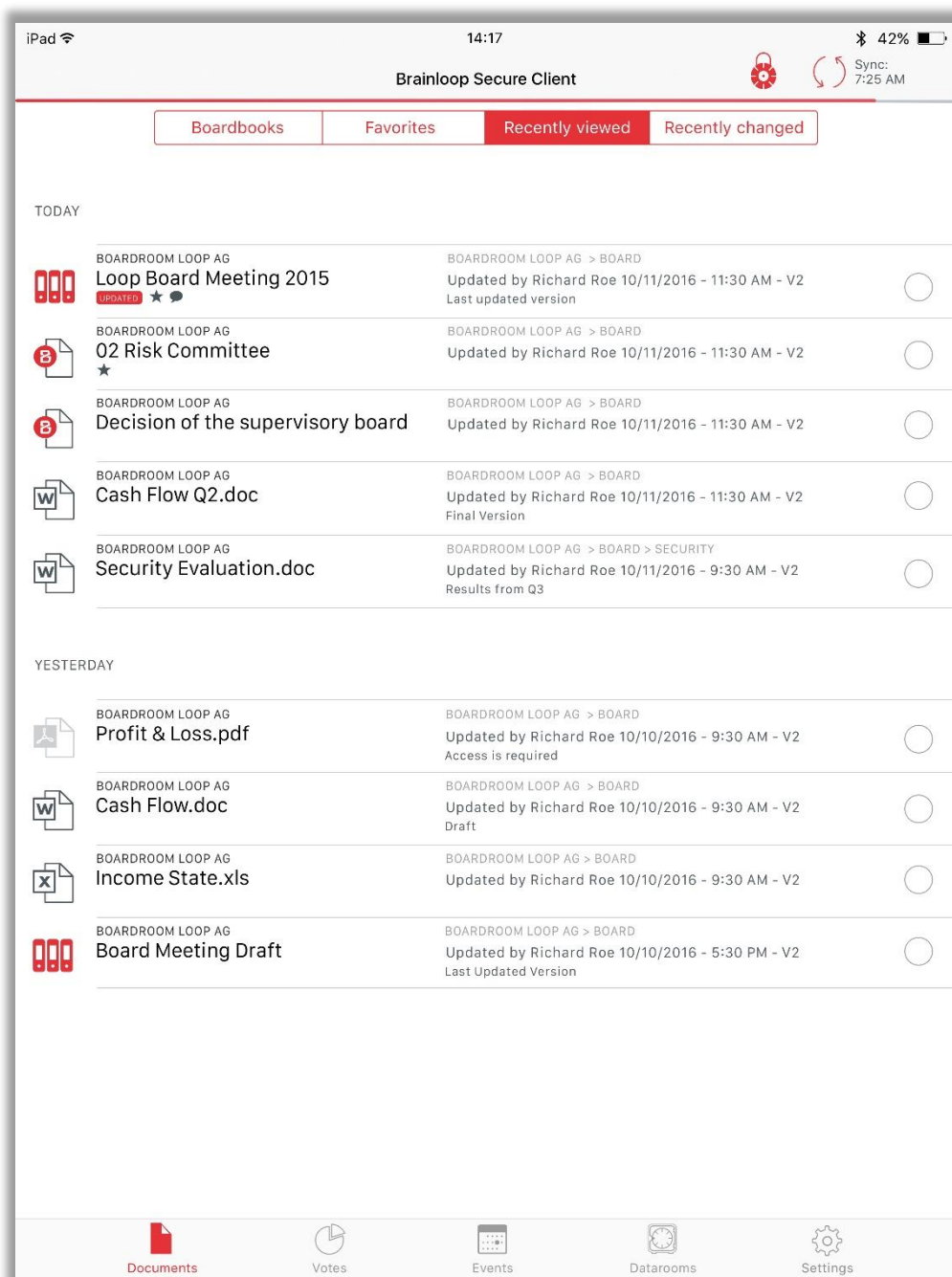
### New look & feel

This new version reveals a new and intuitive user interface design. Among several other enhancements, the Home screen now provides a navigation, which directly links to important documents, for example, to a dedicated Boardbook view for easy access to document collections. Key options like Votes, Events, Dataroom navigation, and Settings are also available straight from the Home screen.

The new look comes along with several feature enhancements and extensions.

The [Secure Client 1.9 IOS – Optimization of Usability and Functionality](#) guide offers additional information on the usability design and a feature comparison between this new version and the previous version.



### The new Home screen



The Home screen has been re-designed and optimized. The main enhancements are:

- **Key navigation elements directly accessible from the Home screen**






The key navigation elements are all directly available on the Home screen now, consequently, the previous hamburger menu was removed.

The navigation bar on the top of the screen contains a **Lock** icon  for manually locking the app, a **Sync** icon  to initiate a manual synchronization, and the date and time stamp of the last Dataroom synchronization.

Directly below the top navigation bar, the filter buttons **Boardbooks**, **Favorites**, **Recently viewed** and **Recently changed** are available.

**Notes: Boardbooks** are a type of document collection. The filter button **Boardbooks** is only available if document collections are available in connected Datarooms. The filter button **Favorites** is only available if any documents are marked as favorites in connected Datarooms.




These filter buttons enable users to go directly to most important and frequently used documents, and the associated views show documents from all Datarooms that are connected and synchronized with the app.

At the bottom of the screen, a tab bar is available to access not only the **Documents**  view, which is also the Home screen of the app, but also **Votes** , **Events** , **Datarooms** , and **Settings** .

Reference: 51327, 53862, 53863, 53881-53886

- **Direct access to important and recently used documents and Boardbooks**

When opening Brainloop Secure Client after the initial configuration and synchronization, the new Home screen offers direct access to documents and Boardbooks that are available in connected Datarooms via the filter buttons. Users can easily switch between the different views for documents by tapping on the filter buttons **Boardbooks**, **Favorites**, **Recently viewed** and **Recently changed**.

For each document, icons and flags now indicate whether a document has been changed , or if it contains comments or markups , or if it is marked as favorite . The date and time of the last content change is also displayed.

Reference: 51327, 53863, 53721, 53429

- **Document actions available on the Home screen**

Document actions like **Send securely, Share review, Add to favorites, Delete from device, Show all versions** are also accessible directly from the Home screen by tapping on the icon to the right-hand side of the document's name.

Reference: 51327, 55604

## **Synchronization and download**

- **First time synchronization**

The first synchronization is performed during the initial configuration of the app. It has been extended in functionality: in addition to the download and verification of all Dataroom settings, events, votes and comments, it now also synchronizes all document versions and markups. The time required for this initial synchronization may depend on the number of Datarooms used with the device in question, the volume of data contained in these rooms and the speed of the Internet connection. Though the procedure has been optimized, it may take some time. It is, therefore, recommended to start starting the process early and with a good Internet connection.


During the initial full synchronization, all policies that have been defined at Dataroom Center and Dataroom level for the corresponding content in the Brainloop Secure Client are applied. This enables Dataroom Center and Dataroom Managers to define document protection on the Secure Client from the start.

A full synchronization can also be initiated manually at any time under **Settings > Servers and Datarooms > Initial Dataroom synchronization**.

**Note:** As in the previous version, the download scope and behavior can be configured under **Settings > Downloads**. For instance, it is possible to download only the metadata of a Dataroom and to download documents only upon opening them.

Reference: 60900

- **Sync icon for manual synchronization**

The **Sync** icon  in the top navigation bar displays a timestamp, indicating the last complete synchronization of all Datarooms that have been added to the mobile device.

Tapping the synchronization icon triggers a manual synchronization of all connected Datarooms.

This process introduces the differential synchronization, or delta synchronization, that synchronizes and verifies all updates since the last synchronization including all Dataroom settings, events, votes, document versions and comments.

The differential synchronization conveniently runs in the background and does not interrupt the users' work.

Reference: 52846, 57143


- **Regular automatic synchronization**

The system default for the automatic synchronization is set to start synchronization every hour. This synchronization is also a differential synchronization that runs in the background.

The system default synchronization setting can only be changed by overriding the settings in the XML policy file in Brainloop Secure Dataroom (**Dataroom Center Administration > Security > Device Management > Edit**).

Reference: 52846

- **Progress bar and change indication**

Upon start of a synchronization, the synchronization progress indicator starts moving from left to right while all Dataroom settings, events, votes, document versions and comments are synchronized and verified. All changes and updates that have been made to documents are flagged in the Documents view on the users' mobile device. The bubble icon , for example, indicates that comments have been added to a document.

Reference: 57252

- **Background synchronization for uninterrupted work**

It is now possible to start working with documents before the synchronization process is completed. As soon as a document or its metadata is available on the mobile device and its icon is displayed, it can be downloaded and used by tapping on it. If only the metadata of a document has been synchronized, the icon of this document is displayed with 30% opacity, and the document is downloaded after tapping on it. A spinner icon indicates the progress for individual documents.

Reference: 53815

## Navigation inside documents

- **Re-designed side bar with improved features**

The sidebar for navigation inside documents has been re-designed. To open the sidebar, tap the **Content** icon on the left-hand side on the top of the screen, or hide it by tapping **Hide**. If a table of contents has been defined for Boardbooks (document collections) in Brainloop Secure Dataroom, the sidebar by default displays this table of contents for easy navigation. Use the **Comments** icon to jump to comments, and the Search icon to search for text inside the document (**Search** icon).

- **Page navigation**

Navigating through the pages of a document is now much easier and more convenient.

**Next** and **Previous** page buttons and a page slider let users flip through documents. The current and total number of pages are indicated on the page slider. Tap on the page numbers to hide the page slider. To unhide the page slider, simply tap the bottom of the document.

When paging through a document, an automatic focus optimization was needed frequently in the previous version, this has been reduced significantly.

Reference: 54763

- **Preferences are remembered** for a users' start screen, the document view, as well as the configuration of their commenting tools. For example, when a user is working on a document, and opens the **Comments** view in the content side bar to go through all comments and markups in a document and then clicks **Done**, these settings will be remembered. When opening the document the next time, the user will be taken exactly to where they left off and the settings will be the same.

Reference: 57114

## Comments and markups

- The **Comment** toolbar is available for Brainmark versions of documents. Note that it is not available for Original documents, even if these Original documents are PDF documents.

The commenting functionalities have undergone a major redesign and now offer a marker, a fineliner and a text box with customizable opacity, thickness, font size and color selection. The **Commenting** toolbar has been moved to a set position on the right-hand side of the document.

The desired commenting and markup tool can be switched on or off by tapping on it. A long press on the desired tool can change the properties of these tools. Tapping **Save** saves the settings and closes the properties field.

The marker functionality has been improved significantly, it is no longer restricted to highlighting the text, it can now be used for free hand highlighting and seamlessly works with Brainmark Watermarks, stamps, and other markup items. In addition, it stays active and allows continuous highlighting of text passages while swiping or sliding through the pages of a document.

While working on a document, new comments and changes are saved locally two seconds after the last contact with the touch screen. This ensures that changes are always saved, even if the Internet connection is interrupted. It is no longer necessary to manually save comments, and users are not interrupted by notifications informing them about comments being saved. All comments and markups are synchronized to the server upon tapping the **Done** button to close the document.

Once new comments and markups have been added to a document, the bubble icon indicates that comments have been added. Also, if another user has added a new comment or markup to a shared review, this is indicated by a flag in the **Documents** view as well as in the folders and files list of the Datarooms view upon synchronization.

Known restrictions: The Secure Client 1.9 offers marker, fineliner, comments, and text tools for commenting and markup. Brainloop Secure Dataroom version 8.40.200 and newer offers a more extensive set of commenting and markup functionalities; the additional functionalities are only available when using Brainloop Secure Dataroom.

Reference: 55473, 54762, 53429, 55521, 57218

## Performance

- Previously synchronized Datarooms perform a delta synchronization in regular intervals while they are in use. In addition, synchronization is triggered when a user enters a Dataroom that has not yet been synchronized within this interval. This delta synchronization process now runs in the background, which allows users to continue their work while synchronization is running.

Note that the initial synchronization of a Dataroom still runs in the foreground (see “Synchronization and download”).

Reference: 52846, 60900

- Handling of large documents comprising over 750 pages has been improved. Brainmark versions of such documents can now be downloaded and used as expected.

Reference: 62269

### Improvements for administration and management

- **Improved alignment of app settings and policy settings**

XML policy files can be used to enforce settings for individual Datarooms in Brainloop Secure Client in addition to the specified settings in the Brainloop Secure Client app (see also [Setup Guide Brainloop Secure Client for iOS](#) and [Security Templates](#)).

Dataroom Center Managers and Dataroom Managers may use such a policy file for example, to enforce the settings for access code complexity, the retention period of documents on the mobile device, and the permission to open Original documents in non-Brainloop apps.

The interaction of the settings specified in the XML policy file with the settings specified in the **Settings** menu of the Secure Client app has been improved as follows:

For document retention, the more restrictive setting applies. For example:

If the app setting **Delete local documents after (days)** (under **Settings**> **Delete**) is set to 30 days and the XML policy element **Retention maxTime** defines a value of 20 days, then the downloaded documents will be deleted after 20 days upon synchronization with the server.

If the value in the XML policy file is 30 days and the app setting from **Delete local documents after (days)** is 20 days, then the 20 days period will be applied.

If the app setting is **OFF**, the value as defined in the XML policy file is applied.

The **Options for downloading all content** (under **Settings** > **Downloads**) can be influenced by defining the XML policy element **ChangedContent**. There are 2 different parameter settings available:

- **ChangedContent ChangedContentDownload="ALL"** (or: ="OFF") always overrules the settings **Settings > Downloads > Deactivate Download** or **Download all content** in the Secure Client app and takes precedence over any specified download periods.

**ChangedContent Interval="20"** defines an alternative setting for **Settings > Downloads > User-defined download period**. The higher number of days takes precedence. If the number of days defined in the app setting **User-defined download period** is higher than the value for **ChangedContent Interval**, the value from app setting takes precedence and vice versa.

The resulting value for document retention and the resulting value for the download option (either ALL, OFF or the resulting download period) interact in the following ways:

- If the value for document retention is smaller than the download period, the download period will be set to the document retention value internally (to avoid re-download after automatic deletion).
- If ALL is specified as download option and a value for the retention period is defined, the value for the retention period will be effective, and the download period will be set to retention period.
- If the value for the retention period is larger than the download period, both can work without conflicts.

Reference: 54810

- **Default settings on first install**

If Brainloop Secure Client is installed on a mobile device for the first time and no previous version of the app has been installed before, the following default settings are applied:

Menu path	Setting
Settings > Access Code > Complex access code	OFF
Settings > Downloads > User-defined download period	30 days
Settings > Downloads > Allow synchronization and download:	Over wi-fi and cellular

Settings > View > Files and folders > Show indexes	ON
Settings > View > Page view mode > Fit page	Selected
Settings > View > Page Layout > Single Page	Selected
Settings > Security > Lock app after inactivity (minutes)	5
Settings > Delete > Delete local documents after (days)	OFF
Votes > Show:	All (also displays closed votes and provides access to protocols that have been approved)
Events > Show:	All (also displays old meetings and provides access to related documents)

If a previous version of Secure Client has been installed on the mobile device in the past, the new installation conveniently uses the previously configured settings.

## Bug fixes

### Usability

- Active downloads can be interrupted and resumed as expected by tapping the **Pause/Resume** button under **Settings > Downloads > Show all downloads**. This is available in addition to the previous behavior for cancelling a download by tapping the **Delete** button.

Reference: 57363

- Brainmark styles defined in Secure Dataroom are now passed down to the Secure Client. This means that documents with the Brainmark Styles **Unrestricted** and **View & Print** can be printed from the Secure Client. Printing is also possible if an XML policy file is used for refined configuration of the Secure Client and the **Exporting allowViewers** policy in this XML file is set to 0 (zero) to prohibit opening original documents or unprotected Brainmark documents in other apps. Information Rights Management restrictions for original PDF documents are also taken over to the Secure Client if the options **Enforce IRM Protection for Originals** (under **Dataroom Administration > Security > Rights Management Options**) and **Download of View-only or View-and-Print Brainmark Documents in Brainloop Secure Client Apps** (under **Dataroom Administration > Settings > Brainmark Options**) are activated.

Reference: 51592

- When trying to send a log file after a PIN reset, the Secure Client crashed in a few instances. This has been resolved.

Reference: 57022, 56659, #130897

- In a few instances, the split screen did not work as intended when working on an iPad Pro. This has been resolved and it is now possible to split the screen and to work in both windows. The window size is adjustable.

Reference: 55878

- In particular, on large screens, it was sometimes difficult to align options and check boxes in dialogues. Lines have been added underneath such options with checkboxes to improve usability.

Reference: 57162

- The **Date & Time** settings from the iPad are now applied to Brainloop Secure Client.

Reference: 57112

### Comments and Markups

- Comments and markups can no longer be added once the expiration date for a review has passed. The corresponding message **The review period has expired. No comments and markups can be added** displays and the **Comment** toolbar is not available.

Known restriction: Adding comments and markups is possible after expiration by calling up the Comments toolbar via long-tap; these comments and markups will not be saved.

Reference: 57761, #135142

- If users create comments or markups and interrupt work for a longer period of time so that the lock screen is activated, added comments and markups are now saved locally. After entering the access code again, the same page of the document is displayed and the comments or markups are visible. Clicking **Done**, synchronizes changes with the server, and the document is closed.

Reference: 60928, #140226

- After entering and synchronizing comments and markups, the correct date and time is shown in the comments section of the content sidebar.

Reference: 56587, #129372

- During shared reviews, the current user can only edit their own comments and markups. If a user tries to edit or delete comments or markups of another user, these changes will not be saved, no matter if, for example, a deletion was attempted in online or offline mode. Upon synchronizing and re-opening the document, all comments and markups of other users will be available.

Known restriction: No error message displays if a user tries to save modifications to comments and markups of other users.

Reference: 60867

## Synchronization

- A check that is performed during synchronization has been enhanced. If a user has been removed from a Dataroom or if a Dataroom has been destroyed, the content that the user has previously downloaded to the mobile device via the Secure Client is removed after synchronization.

Known restriction: If the user is offline and no synchronization is performed, the locally downloaded content remains available on the mobile device.

Reference: 56966, 51606, #130772, #111250, 57143

- If a mobile device has been denied access to the Datarooms of a Dataroom Center via Brainloop Secure Dataroom (**Dataroom Center Administration > Security > Device Management**), all Datarooms and all their local and non-local content and metadata are completely removed from the mobile device as soon as the mobile device attempts to synchronize with any of the Datarooms.

Reference: 62002, #141996

- Deleted folders are not visible in the Secure Client after synchronization.

Reference: 53578, #122944; #143454

- In rare cases, new documents that were added to a Dataroom in Brainloop Secure Dataroom were not displayed in the Secure Client after synchronization. This has been resolved.

Reference: 62360, #143004, #136095

## Performance

- In case Brainloop Secure Dataroom server-side restrictions apply to Datarooms or documents, the Secure Client will now discontinue download attempts for this content upon receiving corresponding error types from the server. Download and conversion retries are stopped, which decreases background activity and improves the overall performance.

This applies, for example, when Brainmark restrictions such as **View-only** or **View-and-Print Brainmark Documents** have been specified in the Dataroom Center Administration. These documents may not be downloaded and, consequently cause download attempts to fail.

Reference: 51489, 52861, #120173

- Handling of large documents comprising over 750 pages has been improved. Brainmark versions of such documents can now be downloaded and used as expected.

Reference: 62269

- If a user opens an RMS-protected Original document, and has the permission to view such a document, the app now continues to work. However, such documents can currently not be downloaded. In the future, a corresponding message will be displayed.

Reference: 52643, #119899

### **Login and Authentication**

- The settings specified in the Brainloop Secure Dataroom **Application Administration** or in the **Dataroom Center Administration** for the **Token Validity** of the SAML token are applied as expected for the Secure Client. This means that users log in using their SAML credentials once at the SAML server and after that are not asked again to authenticate with the SAML server until the validity period of the SAML token has expired.

Reference: 51369

- When users of Secure Client connect to Datarooms with SAML login as well as to Datarooms without SAML login, the SAML login screen only displays when a login at the SAML server is required.

Reference: 57034; #137375

- Issues with entering the password for the Secure Client have been resolved. The password entry dialog now only displays when required; also entering as well as changing the password works as expected.

Reference 57047, #138907, #142804, #145115; 58565, #133122, #136069, #142185; 54295, #130297

## Known Restrictions

- Brainloop Secure Client 1.9 works best on iPads. While users can technically download the app to their iPhone and use basic functions, such as browsing Datarooms and opening documents, the full function set is not supported. For instance, comments and markups cannot be made on an iPhone.
- After upgrading the Secure Client from 1.8.3 to 1.9, it is highly recommended to wait for the initial full synchronization to complete before accessing documents. This ensures that all documents are up-to-date and all comments and markups are included.
- Due to security concerns with external keyboards, these are currently not supported with Brainloop Secure Client 1.9.
- Search is only available inside documents. A global search feature that searches all Datarooms and folders in the App is not yet available, but planned for the next releases.
- The Secure Client 1.9 offers marker, fineliner, comments, and text tools for commenting and markup. Brainloop Secure Dataroom version 8.40.200 and newer offers a more extensive set of commenting and markup functionalities; the additional functionalities are only available when using Brainloop Secure Dataroom.
- Each touch with fineliner or marker tools counts as one individual markup. When the two letters OK are written with a marker or fineliner tool, each pen stroke is counted as an individual annotation. For deletion, each annotation item needs to be selected separately. This behavior will be revised in the future.
- A long tap in an expired shared review opens a black Comments toolbar. The white Comments toolbar that is usually displayed in Brainmark documents and shared reviews on the right-hand side of each page is not shown if the shared review has expired. However, by using a long tap, users can display the black Comments toolbar and add comments and markups.  
These comments and markups are not saved when tapping **Done**. After re-opening the expired shared review document, such unauthorized comments will not be available.

- Limitations apply for synchronizing changes during a shared review. When Secure Client users added comments or markups to a document and close the document by tapping **Done**, their own locally created/changed comments and markups are synchronized to the Secure Dataroom server. However, changes made on the server (for instance by other users in a shared review) will not be applied to the local document. Tapping **Sync** after closing the document synchronizes the changes and resolves this.
- Full synchronization has been extended and requires more time to complete.  
In addition to the download and verification of all Dataroom settings, events, votes and comments, the full synchronization now also synchronizes all document versions and markups. The time required for this initial synchronization may depend on the number of Datarooms used with the device in question, the volume of data contained in these rooms and the speed of the Internet connection. Though the procedure has been optimized, it may take some time. It is, therefore, recommended to start starting the process early and with a good Internet connection.
- If rights management restrictions have been applied to a document that protect the document from being opened, the **Export > Open in** feature does not react.

<b>Product:</b>	Brainloop Secure Client for iOS
<b>Version:</b>	1.8.3
<b>Release Date:</b>	August 2016
<b>Type:</b>	Hot Fix
<b>Requires Brainloop Secure Dataroom:</b>	8.30 or newer; for SAML 2.0 authentication, 8.30.701 or newer is required
<b>Requires API Version:</b>	3.0
<b>Requires iOS Operating System:</b>	iOS 8.3 or newer

This document provides information about the Brainloop Secure Client for iOS hot fix version 1.8.3.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

## Bug fixes and improvements up to version 1.8.3

- **Fixed issue related to the synchronization of Datarooms protected by SMS PIN.**

As of version 1.8.1, there was a synchronization issue with Datarooms protected by SMS PIN. This has been solved.

Reference: 54138

- **Opening a Send securely link for an unsynced document works again.**

Brainloop Secure Client users sometimes had problems with opening documents they received via a **Send securely** link if the respective documents had not been synced with their iPad yet.

Reference: 54798

- **Datarooms are shown again for older Brainloop Secure Dataroom server versions**

In rare cases, there was a problem with displaying the Datarooms from a Dataroom server operating with an earlier version of Brainloop Secure Dataroom (older than version 8.40). This issue has been fixed.

Reference: 54772

- **Comments and markups in Brainmark documents (annotations)**

- In some circumstances, comments and markups to Brainmark documents were lost if users were adding comments on various pages (for instance freehand and text markups) without syncing and then closed and reopened the document. This has been solved.
- The comments toolbar is no longer displayed for documents for which comments and markups are not allowed.

Reference: 53321, 53672, 53685, 53730

- **Improved download/synchronization behavior**

An error message occurred during the synchronization process if you set **Allow Sync and download** in **Settings** to **Wifi and Cellular**, switched Wi-Fi OFF, and then tried to access the Dataroom. ("An error occurred during synchronization. Please try again. [[Space needs full sync]]"). This has been solved.

Reference: 52489, 52858, 52875, 53334

- **Improved (document) navigation**

There was a problem with a flickering display when users were viewing a PDF document and scrolling from one page to the next. This had something to do with the **Refresh** function and has been solved.

The display was incorrect in some cases during the initial beta installations, if the iPad was set to landscape mode. This has been fixed.

Reference: 52831, 51065

<b>Product:</b>	Brainloop Secure Client for iOS
<b>Version:</b>	1.8.1
<b>Release Date:</b>	08 July 2016
<b>Type:</b>	Hot Fix
<b>Requires Brainloop Secure Dataroom:</b>	8.30 or newer; for SAML 2.0 authentication, 8.30.701 or newer is required
<b>Requires API Version:</b>	3.0
<b>Requires iOS Operating System:</b>	iOS 8.3 or newer

This document provides information about the Brainloop Secure Client for iOS hot fix version 1.8.1.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

## Bug fixes in version 1.8.1

- **Fixed problem with saving and syncing comments in a Brainmark document (annotations)**

The following bug fixes have been implemented with regards to Brainmark comments and markups:

- In some circumstances, comments and markups to Brainmark documents were lost if users were adding comments on various pages (for instance freehand and text markups) and then closed and reopened the document. This has been solved.
- The comments toolbar is no longer displayed for documents for which comments and markups are not allowed.

Reference: #53321, #53672 #53685 #53730

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Reference: #52831 # 51065

<b>Product:</b>	Brainloop Secure Client for iOS
<b>Version:</b>	1.8.0
<b>Release Date:</b>	08 March 2016
<b>Type:</b>	Service release
<b>Requires Brainloop Secure Dataroom:</b>	8.30 or newer; for SAML 2.0 authentication, 8.30.701 or newer is required
<b>Requires API Version:</b>	3.0
<b>Requires iOS Operating System:</b>	iOS 8.3 or newer


This document provides information about the Brainloop Secure Client for iOS version 1.8.0. This version is a service release containing new features and bug fixes.

**Note:** The texts in bold print indicate names of elements of the user interface, such as menu functions, dialog names, field names, or similar. References given in this document are internal ticket IDs and – if applicable – customer ticket IDs, which are indicated in parentheses, e.g. #12345.

## New features and improvements in version 1.8.0

- **Improved synchronization process**

The following changes have been implemented with regards to synchronization:

- Users can now manually synchronize their Dataroom contents with the Dataroom server via the new icon  in the Folders view.
- When a user triggers a synchronization manually for the third time, a message is displayed asking if they want to perform a full synchronization.
- When a user triggers a synchronization manually, this synchronization takes priority over all other processes in the app.
- A progress message is shown while a manually triggered synchronization is performed. This message can be closed by tapping the **Move to background** button.

- The interval for automatic synchronization while working in the app has been extended to 60 minutes. **Note:** If the app is locked and unlocked again after some time, the app checks if the last synchronization was more than 60 minutes ago.

Reference: 50328, 50325, 51107

- **Improved download behavior**

The download process is now considered as a user action. This means that the app will no longer lock itself while documents are being downloaded. In previous versions, the app would lock itself after 5 minutes. If the app is sent to the background, i.e. if a different app is opened, the download will be terminated after 1 minute. For security reasons, the download process will terminate immediately if the iPad is locked manually or automatically.

Reference: internal

- **Improved behavior for printing and opening documents in other apps**



The behavior of Brainloop Secure Client for iOS version 1.8 has been improved to have the same behavior as when using our web interface. As a result, the behavior for printing from within Brainloop Secure Client or opening documents in other apps for both **Original and Brainmark documents** with the Brainmark style **Unrestricted** and for Brainmark documents with the Brainmark style **View & Print** has changed as of version 1.8:

- Both **original documents AND Brainmark documents** with the Brainmark style **Unrestricted** can now be printed and opened in other apps by default. In previous versions, these documents could neither be printed nor opened in other apps.
- As of version 1.8 **AND** in combination with the upcoming Brainloop Secure Dataroom version 8.40.000, Brainmark documents with the Brainmark style **View & Print** can be printed and opened in other apps by default. In previous versions, these documents could neither be printed nor opened in other apps.
- Furthermore, to prevent users from being able to open Brainmark documents in other apps, Dataroom (Center) Managers must use the Brainmark style **View & Print** for Brainmark documents **AND** configure an XML Dataroom configuration file in the Dataroom (Center) Administration with the **Exporting allowViewers** parameter set to **"0"**. In previous versions, Brainmark documents could not be opened in other apps by default.

For further information on defining and uploading an XML Dataroom configuration file, please refer to the [Setup Guide for Dataroom Center Managers and Dataroom Managers](#).

Reference: 50914


- **New options for manual file download available in the app's Folders view**

The options that are available when tapping  have changed. Users can now choose to either **Download all content of this folder** or to **Download all content of this folder including subfolders**. **Important:** When tapping , **all** files are downloaded, independent of the **User-defined download period** that is set in the **Downloads** page of the **Settings** menu.

**Note:** If a download policy is defined in Dataroom Administration the download policy will overrule the selected option for manual file download.

Reference: 50727 (see also [Reference 50560](#))

- **New icon for document collections**

Document collections are now represented by the new icon  to the left of document collections in the Folders view.

Reference: internal

- **New and changed options for automatic file download during synchronization in the app's Download settings**

The following options have been added to the **Options for downloading all content** area of the **Downloads** page in the **Settings** menu:

- **Deactivate download:** Users can now deactivate automatic file download completely
- **Download all content:** With this option, all content of a folder including the contents of subfolders are downloaded.
- **User-defined download period:** This setting defines that all documents created or changed in the Datarooms within the specified interval are downloaded during synchronization.

The following options have been removed: **Ask before download**, **Download all content of this folder**, and **Download content changed within the last (n) day(s)**.

Reference: 50727

- **New setting available that allows users to define whether communication with the Dataroom server is allowed over wi-fi and cellular, or over wi-fi only**

Users can now define whether communication with the Dataroom server is allowed over wi-fi and cellular data connection, or over wi-fi only in the **Allow synchronization and download** area of the **Downloads** page of the app's **Settings**. If the **Over wi-fi only** option is enabled, autosynchronization and autodownload is skipped if you only have cellular connection.

Every time a user executes an action that involves server communication and the settings is set to **Over wi-fi only**, users are asked if they want to continue anyway.

Server communication includes the following actions: manually downloading a document (original & Brainmark), downloading different versions of a file, manual synchronization, creating a folder, adding a file, synchronizing events and votes.

Reference: 50275 (#102543)

- **my.brainloop.at and my.brainloop.lu have been added to the selection of servers**

The platforms "my.brainloop.at" and "my.brainloop.lu" are now also available for selection in the **Add Dataroom server** dialog when configuring a new server.

Reference: 50878

- **Pre-synchronization check when configuring Datarooms**

When users add Datarooms to the app, a pre-synchronization check of all selected Datarooms is performed. Also, users are notified if any errors have occurred and Datarooms cannot be added. As a consequence, all Datarooms that cannot be added are deselected after the check.

Reference: 50808

- **New icons to select and deselect all Datarooms at once when adding a Dataroom server**

Users can now use the new + (plus) and - (minus) icons to select or deselect all Datarooms at once when adding a Dataroom server in the app.

Reference: 46870



- **Dataroom names are now shown underneath documents**

The names of the corresponding Datarooms in which documents are stored are now shown underneath all documents in the following screens:

- Home: RECENTLY VIEWED, FAVORITES, and RECENTLY CHANGED areas
- To Dos: Events and Votes
- Search results
- Downloads

Reference: 50885, 50889

- **New option to stop and resume the download process available**

Users can now stop and resume the download process of all documents. For this, the new Pause  and Resume  icons have been added in the top-right corner of the **Downloads** page in the app's **Settings**. In addition, the **Clear** button has been renamed to **Delete**. Tapping this button removes all items from the list of documents to be downloaded.





Reference: 50979

- **Processing of documents in Downloads page made more intuitive**

The **Downloads** page now only lists a maximum of 15 documents. The progress of the downloads is now shown above the list in red letters (e.g. "In progress 15 – Queued 87").

Reference: 50823


- **New comments (annotations) toolbar for commenting Brainmark documents**

A new toolbar makes commenting a Brainmark document more user-friendly. The new toolbar can be opened via the icon  in the top-right corner of the Brainmark document. It contains the following icons:  (highlight text),  (add a sticky note comment),  (add freehand comments or drawings), and **T** (add a comment). The freehand tool remains active until the user taps **Save** or **Close**. The comments toolbar remains active until the **Close** button is tapped or the document is closed.

In addition, changing the colors of freehand comments and highlighted text has also been made more user-friendly. Simply tap the freehand comment or highlighted text, select **Color**, and choose the new color.


Reference: 50970

- **Improved Thumbnail view**


Improved Thumbnail view that shows all thumbnails or bookmarks of a document on one page allowing users to navigate a document easily and conveniently. The new Thumbnail view can be opened via the icon  available in the top-right corner of the PDF Viewer.

Reference: 50972

- **New option to switch between different Brainmark document reviews and document versions**

It is now possible to switch between different **downloaded** versions in the PDF viewer for easier access and better user experience by tapping .

Users should, however, be aware that only downloaded versions are shown and that the app downloads only the latest versions of the documents. This means that if the users need to switch between older versions of the document they have to manually download these documents.

Besides, it is now possible to download all versions at once for one document or document collection so that you do not need to tap on every single version to download. The new **Download all versions** option is available in the **Versions** menu  of the respective Brainmark document.

Reference: 51119

- **New dialog for adding a comment when casting a vote**

A new dialog has been introduced so that users can now add a comment when casting their votes.

Reference: 50976

## **New features and improvements in version 1.8.0 available as of Brainloop Secure Dataroom version 8.40.000 (to be released in the near future)**

- **New option to change user password for Brainloop Secure Dataroom platforms from within the app and password expiry notification**

Users can now change their passwords for their Brainloop accounts in the **Security** area of the app's **Settings**.

In addition, users are shown a notification when accessing the app 14 days before the password expires. The notification is displayed every day until the password is changed. If users are registered for several Dataroom servers and several passwords expire at the same time, one notification is shown per password.

Please note that this option is **only visible and available** if the user's platform is installed with Brainloop Secure Dataroom version 8.40.000 or newer.

Reference: 50150, 50147

- **Display auto-indexing values**

If your Dataroom is set up to use the auto-indexing function, which is available as of Brainloop Secure Dataroom version 8.40.000, the index values can also be displayed in Brainloop Secure Client. The following requirements have to be met:


- The user's platform is installed with Brainloop Secure Dataroom version 8.40.000 or newer.
- The **Auto-indexing** option for the Dataroom is switched on in the Dataroom (Center) Administration.
- The **Show indexes** option is enabled in the **View** page of the **Settings** of the Brainloop Secure Client for iOS app.

Reference: 50371

## Bug fixes in version 1.8.0

- The link sent via e-mail for joining a document review now links correctly to the relevant document.

Reference: 50739 (#106686)
- The link sent via e-mail for casting a vote now opens the vote correctly in the app.

Reference: 50665 (#105937)
- In rare circumstance, some files and folders of a Dataroom were not displayed even though the files and folders could be seen via the web browser. This issue can be resolved by triggering a full synchronization manually by tapping  in the **Folders** view three times and confirming the security message.

Reference: 50674 (#101487, #106047 #105655, #105841, #105878, #106443, #105131)
- Opening links from within e-mails no longer results in frozen displays or misleading error messages.

Reference: 50058 (#101531, #101530, #102759)
- In some cases, the contents of subfolders were not downloaded even though the download option **Download all content of this folder** was selected. This problem no longer occurs since the download options have been changed so that users can now select between downloading all content of a folder or downloading all content of this folder including subfolders (see [Reference 50727](#) on page 3).

Reference: 50560 (#104999)
- In some circumstances, comments were lost if users tapped the **Home** icon or if the app was closed or locked before synchronizing again even though users had tapped the disk icon in the top-right corner of a comment dialog. Now the comments are automatically saved every 30 seconds. The document will be synchronized with the server once it is closed.

Reference: 50807 (#107152, #106361), 51106
- The time needed for synchronization has been strongly reduced.

Reference: 50434 (#103467, #102174)

- In rare circumstances, the names of the Datarooms were not displayed in the Datarooms page and filenames were shown in encrypted format in the Folders view.

Reference: 51082 (#108167, #108770, #108966)

## Known restrictions

- **“User-defined download period” needs to be set**

After the update to Brainloop Secure Client for iOS version 1.8, the **User-defined download period** is set to “0” by default. Users have to change this value to the desired value in the **Downloads** page of the app’s **Settings** menu.

Reference: internal

- **Availability of voting option “Abstain”**

If your Brainloop Secure Dataroom server is installed with version 8.30.800 or older, the **Abstain** option for a vote is not yet available in the Brainloop Secure Client, even if the vote allows for using this option. This option is only available as of Brainloop Secure Dataroom 8.40.000.

Reference: 50254