



Information Classification: Internal

BRAINLOOP SECURE DATAROOM 8.53 – 8.57

Release Notes

This document is intended for Dataroom Center Managers and On-premises Customers of Brainloop Secure Dataroom.

Contents

1	General Information	3
	Release Notes Conventions	3
	Software Prerequisites for On-Premises Customers.....	3
2	Release Notes 8.53.001 - 8.57.001	4
	Brainloop Secure Dataroom 8.57.001 Release Notes.....	4
	Brainloop Secure Dataroom 8.57.000 Release Notes.....	4
	Brainloop Secure Dataroom 8.56.001 Release Notes.....	5
	Brainloop Secure Dataroom 8.56.000 Release Notes.....	6
	Brainloop Secure Dataroom 8.55.000 Release Notes.....	9
	Brainloop Secure Dataroom 8.54.004 (revision) Release Notes	11
	Brainloop Secure Dataroom 8.54.004 Release Notes.....	11
	Brainloop Secure Dataroom 8.54.002 Release Notes.....	11
	Brainloop Secure Dataroom 8.54.002 Release Notes.....	12
	Brainloop Secure Dataroom 8.54.001 Release Notes.....	13
	Brainloop Secure Dataroom 8.54.000 Release Notes.....	13
	Brainloop Secure Dataroom 8.53.002 Release Notes.....	15
	Brainloop Secure Dataroom 8.53.001 Release Notes.....	16

1 General Information

RELEASE NOTES CONVENTIONS

References given are internal ticket IDs followed by customer ticket IDs in parentheses, e. g. (#123456, #654321), if applicable.

SOFTWARE PREREQUISITES FOR ON-PREMISES CUSTOMERS

The following software prerequisites are applicable for the newest version of Brainloop Secure Dataroom. For security reasons, it is highly recommended to always update to this version.

Component	Version	Comment
Brainloop Secure Dataroom Service:	3.00.024	
Email Service:	1.00.028	Requires Microsoft Visual C++ 2015 Redistributable (x86).
System Manager:	6.61 or newer	
Microsoft Office:	2016 or newer	
RMS Conversion Service:	7.99.009	Requires Adobe Experience Manager Forms 6.3 or 6.5.
Microsoft .NET Framework:	4.8	
Redis/Memurai:	3.2/4.1.7 or newer	
Brainloop Environment Manager:	1.0.14 or newer	
IIS URL Rewrite Module:	2.1	
Adobe PDF iFilter:	11 or newer	Optional, needed for search indexing.

[Known Restrictions for Brainloop Secure Dataroom](#)

2 Release Notes 8.53.001 – 8.57.001

BRAINLOOP SECURE DATAROOM 8.57.001 | RELEASE NOTES

Release date: March 2026

Severity: Highly recommended

Bug Fixes

- **Fixed an issue where in some cases the customer-specific Dataroom Logo, Login Page Image or Login Page Background Image was not shown on the login page.**

Reference: 187505 (CSD-17972)

- **Implemented important security-related fixes and improvements.**

Reference: 187701, 187707

BRAINLOOP SECURE DATAROOM 8.57.000 | RELEASE NOTES

Release date: February 2026

Severity: Regular

Improvements

- **Replaced a deprecated library used for the zip file functionality.**

Reference: 186074

- **Improved the Dataroom email communication so that only messages with relevant context information are sent out.**

Reference: 187229

Bug Fixes

- **Fixed an issue where the Brainmark version of a vote did not include the related document due to a section break in the original file.**

Reference: 186673 (#CSD-8695)

- **Fixed an issue where a document collection could not be created from resolution documents via Brainloop MeetingSuite Connect.**

Reference: 186710 (#CSD-8367)

- **For security reasons, PDF files (original and Brainmark style “Unrestricted”) are now downloaded by default instead of being opened in the same browser tab.**

Reference: 187305 (CSD-14448)

- **Fixed an issue in the Dataroom Administration where the group description was not stored.**

Reference: 187075

- **Improved the handling of inactive users to include invited users that have not registered yet.**

In previous versions, these users were not considered for the Disable Inactive Users After “n” day(s) functionality and were therefore not disabled during daily Dataroom Center maintenance.

Reference: 187045 (#CSD-11168), 179660 (#CSD-7380)

- **Added the new report “Brainloop Licence Report: DRC-Units for AutoLicensing” in Application Administration to retrieve user licensing information based on ordering history.**

Application Administrators can run the report under **History Logs and Statistics > Statistics Tool**. It is based on the same input and result parameters as the report “Brainloop Licence Report: DRC-Units” and offers the additional result column **intDiff** when the input parameter “Group by:” is set to “3=User per Change” and a “DRC ID” is provided. This column gives a comparison of old and new values that can be used for verification of the results.

Reference: 187432 (#CSD-14373)

- **Implemented security-related improvements and fixes.**

BRAINLOOP SECURE DATAROOM 8.56.001 | RELEASE NOTES

Release date: December 2025

Severity: Highly recommended

Improvements

- **Improved the document conversion functionality further.**

Reference: 187015

Bug Fixes

- **Fixed an issue that prevented users from logging into their Datarooms via the Brainloop Secure Client for iOS app.**

This was due to a permission issue related to the XML security policy file.

Reference: 187312 (CSD-14462, CSD-14461, CSD-14500)

- **Fixed an issue where a Dataroom logo was not shown.**
Reference: 187368 (CSD-15054)
- **Implemented important security-related improvements and fixes.**

BRAINLOOP SECURE DATAROOM 8.56.000 | RELEASE NOTES

Release date: November 2025

Severity: Regular

Improvements

- **Improved the indexing for full-text search.**
The number of indexing retries is now limited to avoid performance issues.
Reference: 185128 (#292545)
- **Added opt-out information in text messages (SMS) to Canadian and US phone numbers to comply with the legal requirements.**
Reference: 186366
- **Integrated the Apryse SDK as alternative PDF converter.**
The conversion of some file types, such as .eml, is no longer supported, but respective files can be uploaded as .pdf documents. Most of the previous file types as well as additional formats, for example .dotx, are still covered, with some conversion deviations in rare cases.
Reference: 186685
- **Added the functionality to allow the use of biometric authentication for iOS client applications.**
If enabled in the Application Administration, this feature can be activated for selected Datarooms and Dataroom Centers.
Reference: 183709
- **Ensured that the Customer Key Store supports the most recent version of Vault by HashiCorp.**
As of version 8.56.000, the Brainloop Secure Dataroom Customer Key Store supports HashiCorp Vault versions up to 1.20.1.
Reference: 186805
- **Added support for the namespace functionality of HashiCorp Vault Dedicated that can be used as Customer Key Store solution.**
Reference: 186754

- **Invitation links now expire after a configurable amount of time, by default after 14 days.**
After inviting users again, this period will be extended by another 14 days (or the configured amount).
Reference: 186721

Bug Fixes

- **Fixed an issue that occurred with structured tasks.**
Users are now informed that the structured task is no longer available when the former parent folder of the relevant document was deleted.
Reference: 179726 (#277123)
- **Fixed incorrect activity information that was displayed under "Recent Activities" .**
Reference: 183745 (#294623)
- **Fixed an issue with the performance while displaying the folder index.**
Large folder indexes now load faster. In case of a very high number of items in the folder, users are asked to create a Microsoft Excel export.
Reference: 184873 (#296775)
- **Fixed an issue where the name of a voting document was shortened during the Brainmark creation when the name contained a period character (".").**
Reference: 185729
- **Fixed an issue where the transfer of ownership via a publishing rule did not work correctly.**
Reference: 186540 (#CSD-7579)
- **Fixed an issue where the ownership transfer was not possible on Dataroom level after a user had been removed on Dataroom Center level.**
Reference: 186662 (#CSD-8743)
- **Fixed an issue with deleting users in a Dataroom Center.**
In a specific case, it was not possible to remove users correctly from all relevant Datarooms and Dataroom Centers, when there were no active Dataroom (Center) Managers.
Reference: 185018 (#297131, #CSD-216)
- **Fixed an issue with multi-line descriptions of groups in the Dataroom Center Administration due to which Group Management and Member Management could not be accessed.**
Reference: 186292 (#CSD-4901)
- **Fixed an issue that resulted in an application error when trying to delete a user from a pre-configured Dataroom template.**
Reference: 186144 (#CSD-4491)

- **In accordance with our guidelines, now only Dataroom certificates with a key length of 4096 bits can be generated.**
The 1024- and 2048-bit options are no longer available.
Reference: 185185
- **Fixed an issue with the performance of endpoints for improved interaction with decentralized apps such as MeetingSuite Connect.**
Reference: 186661
- **Fixed an issue that caused the Hardware Check in Application Administration to run even when it was disabled.**
Reference: 185022
- **Fixed a timeout issue that occurred during the execution of server tasks.**
Reference: 185788
- **The maintenance task to empty the Recycle Bin regularly is now executed as expected.**
Reference: 186207 (#CSD-3577)
- **The status of Datarooms that have been destroyed is now automatically set to “Closed” in Application Administration to allow for the deletion of the corresponding Dataroom Center.**
Reference: 186412
- **The listing of Datarooms without a backup-queue entry in the Application Administration now works as expected.**
Reference: 186817 (#CSD-9881)
- **Removed or updated links to static HTTP pages of the Brainloop website.**
Reference: 186656
- **Implemented security-related improvements and fixes.**

BRAINLOOP SECURE DATAROOM 8.55.000 | RELEASE NOTES

Release date: August 2025

Severity: Regular

Improvements

- **Optimized the Login and Registration flows of Brainloop Secure Dataroom with a fresh and modern page design:**

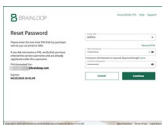
- We have introduced a user-definable background image option for the **Login** screen. Dataroom (Center) Managers can choose between several platform-specific default login background screens. Application Administrators and Dataroom Center Managers can also upload company-specific background images. We have further removed the Brainloop “vault” image from the default login page.

Here is a sample of a Dataroom screen in the new look:



- We have optimized user-interface components such as error handling, buttons, text boxes, and screen design.

In this context, we have also improved the password reset and unlock account screens. For example, the redesigned field for password entry now shows a green checkmark before the show/hide button when a password policy is implemented and when the entered text has reached the minimum requested level:



- **Implemented the support of .EML files when using the Brainmark option.**

The new Microsoft Outlook version stores emails by default as .EML files. This file format is now also supported when creating a Brainmark document of the .EML file.

Reference: 184572

- **Implemented additional file name checks and enabled the feature for zip file extraction during upload in Brainloop Secure Dataroom again.**

Reference: 186018

- **Ensured that the Customer Key Store supports the most recent version of Vault by HashiCorp.**

As of version 8.55.000, the Brainloop Secure Dataroom Customer Key Store supports HashiCorp Vault

versions up to 1.19.1.

Reference: 186036

- **Upgraded to a new PDF4NET version.**

Brainloop Secure Dataroom now uses PDF4NET 14.2.0.1.


Reference: 185015

- **The version number of ASP.NET MVC (Model-View-Controller framework) was removed from all HTTP response headers.**

Reference: 185187

Bug Fixes

- **Fixed an issue where the Excel export icon did not appear for search results after the first click.**

When using the **Search** function, the Excel export icon  did not appear after the first click on **Go**, but required another click.

Reference: 181473 (#290615)

- **Fixed an issue where removing a user from a Dataroom failed due to a missing group description.**

Users can now be removed even if the **Description** field for a group is not filled.

Reference: 181368 (#290640)

- **Fixed an issue where an email address could be entered with a leading blank space.**

In a specific case, users were able to enter a leading blank space when they changed their email address. After that, they were no longer able to log in. Adding leading blank spaces is no longer possible.

Reference: 184807 (#33854)

- **Fixed an issue with exporting a list of members in a specific Dataroom Center.**

The content limit for exports has been increased to the highest possible value. There are no logical changes in the functionality.

Reference: 185114 (#297396)

- **Implemented several fixes for better performance in Dataroom Centers with a large number of Datarooms.**

Reference: 185719, 185720, 186196 (CSD-2401, CSD-973), 186198

- **Implemented a fix that prevents the names of folders in a second factor protected Dataroom from being viewed when a publishing rule is created in another Dataroom without a second authentication method.**

Reference: 185616

Criticality: Medium

CVSS3: 6.5

BRAINLOOP SECURE DATAROOM 8.54.004 (REVISION) | RELEASE NOTES

Release date: July 2025

- **Implemented a change to make the timeout value for conversions configurable.**

BRAINLOOP SECURE DATAROOM 8.54.004 | RELEASE NOTES

Release date: April 2025

Severity: Regular

Bug Fixes

- **Fixed an issue related to an incorrect retention period.**

The retention period is now correctly calculated from the date of the last action instead of the date of the last modification.

Reference: 184881 (#296771)

- **Fixed an issue regarding the display of the item retention period.**

For retention periods of one day, now only the date is displayed, excluding the time. The actual item deletion will always be performed between 00:00 AM to 5:00 AM on the day after the retention period expires.

Reference: 185974 (#CSD-3255)

BRAINLOOP SECURE DATAROOM 8.54.002 | RELEASE NOTES

Release date: March 2025

Severity: Highly recommended

Bug Fixes

- **Fixed an issue where document collections could not be converted into Brainmark format.**

In some cases, the creation of a document collection failed due to a conversion error in documents containing bookmarks.

Reference: 185444 (CSD-285, CSD-2395, CSD-1797)

- **Fixed an issue which enabled registered users to retrieve certain metadata related to Datarooms and other users.**

Criticality: High

CVSS3: 7.1

Reference: 185602, 185624, 185625, 185633, 185634

- **Fixed a Cross-Site-Scripting (XSS) issue that could occur in case of a malicious XML file upload.**

Criticality: High

CVSS3: 7.3

Reference: 185589

- **Fixed an issue with copying items between Datarooms.**

Registered users were able to copy items into Datarooms protected by a two-factor authentication without providing a second factor.

Criticality: Medium

CVSS3: 6.5

Reference: 185655

- **Fixed an issue with user invitations by enhancing the registration and password processes.**

We introduced an additional PIN authentication to verify the email addresses of invitation recipients.

Criticality: Medium

CVSS3: 5.0

Reference: 185924, 185940, 185947

BRAINLOOP SECURE DATAROOM 8.54.002 | RELEASE NOTES

Release date: March 2025

Severity: Highly recommended

Bug Fixes

- **Fixed an issue where document collections could not be converted into Brainmark format.**

In some cases, the creation of a document collection failed due to a conversion error in documents containing bookmarks.

Reference: 185444 (CSD-285, CSD-2395, CSD-1797)

- **Fixed an issue which enabled registered users to retrieve certain metadata related to Datarooms and other users.**

Criticality: High

CVSS3: 7.1

Reference: 185602, 185624, 185625, 185633, 185634

- **Fixed a Cross-Site-Scripting (XSS) issue that could occur in case of a malicious XML file upload.**

Criticality: High

CVSS3: 7.3

Reference: 185589

- **Fixed an issue with copying items between Datarooms.**

Registered users were able to copy items into Datarooms protected by a two-factor authentication without providing a second factor.

Criticality: Medium

CVSS3: 6.5

Reference: 185655

- **Fixed an issue with user invitations by enhancing the registration and password processes.**

We introduced an additional PIN authentication to verify the email addresses of invitation recipients.

Criticality: Medium

CVSS3: 5.0

Reference: 185924, 185940, 185947

BRAINLOOP SECURE DATAROOM 8.54.001 | RELEASE NOTES

Release date: February 2025

Severity: Highly recommended

- **As a precautionary security measure, the feature for zip file extraction during upload in Brainloop Secure Dataroom is temporarily disabled. All other upload functions remain unaffected.**

Criticality: High

CVSS3: 8.8

Reference: 185975

BRAINLOOP SECURE DATAROOM 8.54.000 | RELEASE NOTES

Release date: October 2024

Severity: Regular

Improvements

- **Improved the incremental backup and restore process.**

The backup process has been improved and simplified to only store the delta backup of history and files in incremental backups. This also applies to the restore process. Please note that there is no impact on the overall functionality of the backup, this improvement only takes away redundancy.

Reference: 184664

- **Introduced the option to disable the full-text search for individual Dataroom Centers in Application Administration.**

In some cases, to speed up the system, it becomes necessary to disable the full-text search for a certain Dataroom Center. The option **Enable content indexing and searching** has been added in **Application Administration > Dataroom Centers and Datarooms > Features** tab for the selected Dataroom Center.

Reference: 184269 (#292545)

- **Removed PDF options Ghostscript and Antenna from Application Administration.**

The PDF interface options **Ghostscript** and **Antenna** in **Application Administration > Configuration > Document Conversion** tab, in the **SDV Converter and Thumbnail generation** drop-down menu, are no longer available. From now on, only **PDF4NET** is available. Operations may now remove Ghostscript from Brainloop Secure Dataroom application servers.

Reference: 184774

- **Security: Added HMAC (Hash-Based Message Authentication Codes) to SAML-related fields in the database to prevent potential operation-side attacks.**

Reference: 134079

- **Fixed an issue with the Master Key check process.**

In very rare cases, the Master Key check process was stuck because of incorrect cache key values. This issue has been fixed and the Master Key check works as expected.

Reference: 184757

- **Improved the remote HSM (Hardware Security Module):**

- Introduced a new signal in the monitor of the remote HSM when the service is down, enabling Operations to react faster.

Reference: 184569

- Added the actual reason to the Last Check details of the remote HSM component, e.g. "Check not performed".

Reference: 184662

- If the HSM service is down, long running tasks that use shim to execute, such as Brainmark conversion, report, export, backup, etc., now continue to be available during the outage.

Reference: 184663

Bug Fixes

- **Fixed the option "Allow removing the base protection from the Brainmark style 'Unrestricted' in security categories".**

In Dataroom Administration and Dataroom Center Administration, under **Settings > Brainmark options**, the option **Allow removing the base protection from the Brainmark style 'Unrestricted' in security categories** now works as expected.

Reference: 184897 (#296925)

- **Fixed the links to the Dataroom Center Administration Help.**

The links to the Online Help for Dataroom Center Administration work correctly now.

Reference: 178875 (#291896, #296073)

- **Added a History entry in case of vote participant changes.**

When users are removed from a Dataroom and vote participants change, this event is now written in the History for votes.

Reference: 183792 (#294625, #294639)

- **Fixed a bug where the "Current Disk Usage" value was incorrect for Dataroom Centers in version 8.53.**

In Application Administration, under Dataroom Center **Details > Limits** tab, the **Current Disk Usage** now shows the correct value instead of "0".

Reference: 184668 (#296303, #296322)

- **Fixed an issue in Application Administration that caused the "System History" page to crash.**

In Application Administration, the **System History** page no longer crashes when a user filters by **Permission changes**.

Reference: 181384 (#290873)

- **Resolved an issue in Application Administration where changes occurred during an automatic backup.**

During an automatic backup, the modification date and the person doing the last modification would be shown incorrectly. This issue has been fixed.

Reference: 163222 (#263345)

- **Improved the security of Brainloop Secure Dataroom.**

The security was further improved by ensuring that code changes have no effect on user interface behavior and user experience as well as by fixing links to provide protection against XSS attacks.

Criticality: Low

CVSS3: 2.6

Reference: 180013

BRAINLOOP SECURE DATAROOM 8.53.002 | RELEASE NOTES

Release date: August 2024

Severity: Regular

Bug Fix

- **Security: Fixed a rare key caching issue**

Fixed a rare key caching issue that occurred on systems using a hardware security module (HSM) to protect the master key.

Reference: 184659

BRAINLOOP SECURE DATAROOM 8.53.001 | RELEASE NOTES

Release date: June 2024

Severity: Regular

Improvements

- **Removed active User Key Rotation from Application Administration.**

The **Check Key** option and the **New Key** option for users has been removed from **Application Administration > Users and Groups > Users** tab. In consequence, the fields **Interval of changing the user keys** and **Amount of user keys changed in one user key change** have been removed from **Application Administration > Security Settings > User Security**. The User Key Rotation functionality is removed from User Maintenance Task and the affected parameters are no longer part of the database.

Reference: 183469

- **Added a new JSON API call for monitoring the system status.**

A new JSON API call **SystemTestJson** has been introduced to be able to monitor the system status via the new tool site. Server tasks can now be monitored via RemoteHSM, if configured.

Reference: 183428

- **The Brainloop Environment Manager now supports Memurai installations.**

The process now works similar to the Redis Cache.

Reference: 183473

- **The stability of search indexing was improved.**

The **IFilterTextReader** library was updated to version 1.7.10.0 to improve the stability of search indexing. In addition, an issue was fixed that could lead to an error message while using the search function in Datarooms.

Reference: 178530 (#275316, #287956)

- **Added the library PDF4NET**

PDF4NET is used by the Secure Dataroom Viewer (SDV) to correctly orient PDF files and to generate thumbnails.

Reference: 184331, 182243, 184323, 183901, 183903 (#295443, #294929, #294933, #295012, #295038)

- **Security: Improved the Master Key Check Process by removing the key re-encryption part.**

The correctness of the decryption method is checked with a test key.

Reference: 181502

- **Security: Improved and streamlined the handling of annotations.**

All annotations are now encrypted in the same way, independent of the software client used. To reencrypt older annotations users need to open the document and update the annotations before saving them again.

Reference: 134077

- **Security: Prepared the integration of the new HSM implementation.**

In the future, Master Keys will be decrypted using a remote and secure HSM. Fail safes will exist in the form of the Master Key Change and Restore processes and the Maintenance process, for example if the remote HSM service is not reachable.

Reference: 181490

Bug fixes

- **Fixed a problem that could prevent Dataroom Managers from accessing Datarooms if too many items were in the Recycle Bin.**

Reference: 183582 (#293901)

- **Fixed the statistics query “Brainloop Licence Report: DRC-Units” in Application Administration by correctly factoring in deleted users.**

Previously, license reports under **Application Administration > Statistics Tool** did not count deleted users correctly, even though they had been active in the relevant period.

Reference: 180968 (#289907)

- **Fixed an issue that prevented the display of Dataroom History Report results in the web browser.**

The History Report results only displayed in the web browser (**Dataroom Reports > History**) after exporting them to Microsoft Excel.

Reference: 180072 (#287696)

- **Fixed a bug that could create invalid SAML provider configurations.**

Additional spaces could appear when values were entered into the input fields of the SAML provider editor.

Reference: 135362 (#211789, #288177)

- **Resolved an issue where the Login page could be partially obstructed by articles from the Info Portal.**

A maximum of one Info Portal article can now be displayed on the Login page.

Reference: 71955 (#190935)

- **Added the missing login policy information for Dataroom Center Administration in Application Administration.**

If the login policy for Dataroom Center Administration is set to send a one-time PIN via email to members without mobile phone registered is chosen this will be reflected properly in Application Administration.

Reference: 150938 (#237405)

- **Fixed a bug that prevented the correct display of collaborators in a notification email for a structured task.**

The owner of the task was shown as many times as there were collaborators instead of showing the collaborators the email recipient is permitted to see.

Reference: 151471 (#238332)

- **Fixed an issue with Brainloop's Q&A Report Template provided in the Customer Service Portal.**

Due to a code change in the Microsoft Excel export functionality the file remained empty if Brainloop's Q&A Report Template from the Customer Service Portal was used.

Reference: 183478 (#293873)

- **Fixed an issue with the display of German umlauts in text messages (SMS).**

If the provider supports German umlauts in text messages, they are displayed correctly as Ä, ä, Ö, ö, Ü, ü, and ß. If the provider does not support German umlauts, they are transcribed as Ae, ae, Oe, oe, Ue, ue, and ss, respectively.

Reference: 182613

- **One-time-PINs and QR Codes for pairing mobile devices now expire at the same time.**

Reference: 183441 (#293238, #293634)

- **Added the country calling code for Kosovo (+383).**

Users from Kosovo can now register their Brainloop Secure Dataroom account with their phone number.

Reference: 184433 (#295535)

- **Security: Fixed an issue that could cause a Denial-of-Service situation by embedding broken images into Info Portal articles.**

Certain attributes can no longer be used.

Criticality: Low

CVSS3: 2.9

Reference: 182073