FTK SUITE 8.2 SP2 HF6 – RELEASE NOTES

MARCH 2026

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About Exterro

Exterro was founded with the simple vision that applying the concepts of process optimization and data science to how companies manage digital information and respond to litigation would drive more successful outcomes at a lower cost. We remain committed to this vision today. We deliver a fully integrated Data Risk Management platform that enables our clients to address their privacy, regulatory, compliance, digital forensics, and litigation risks more effectively and at lower costs. We provide software solutions that help some of the world's largest organizations, law enforcement and government agencies work smarter, more efficiently, and support the Rule of Law.

1 What's New

1.1 Functional Enhancements

1.1.1 File Reviewing

1. Filtered Count Limits enhances how the application handles large datasets to ensure your cases remain lightning-fast, even when working with millions of records.

   - **Instant-Load Filtering:** To eliminate lag, the grid now uses a Filtered Count Limit threshold. When your filtered results exceed 15,000 (can be customized), the system provides an immediate 15,000+ indicator. This allows the application to prioritize loading your data rows instantly rather than making you wait for a deep-database calculation.
   - **Predictive Pagination:** Your pagination will intuitively adapt, showing 150+ pages (at 100 items per page and using the default 15,000 limit) to keep your navigation fluid. As you browse, the page count dynamically updates to reflect your progress.
   - **On-Demand Precision:** A Toggle has been introduced directly in the count area. One click triggers a deep query to fetch the exact filtered count, returning the grid to the traditional "Always-on" count behavior whenever you need it. *(FTKC-64891)*

2. To improve the user experience, a skeleton loading indicator has been implemented in the viewer panes of the FTK Central review page to visually signal that the data is being loaded. *(FTKC-64694)*

3. Optimized the FTK Central review page viewer to improve DOC and PDF file loading and display performance. The system now preloads the contents of the next three sequential DOC or PDF files while the current file is being viewed, enabling faster navigation between files. *(FTKC-64890)*

   Notes:

   - *The preloading process is initiated only when a PDF or DOC file is being viewed within the list.*
   - *By default, the content of these files will be displayed in the 'Alternative View'.*

4. The 'MaxViewerSizeMB' limit set in the application configuration file is no longer applicable for the image files, allowing you to view all images/videos in case for review purposes. *(FTKC-64688)*

5. The automatic tagging of corresponding child files is now an optional setting when a container file is tagged in FTK Suite. Child files will only be tagged when the new 'Flag family objects' option is explicitly enabled during the tagging process. *(FCR-61347)*

6. Selecting over 50,000 files on the FTK Central review page now initiates a distinct job for processing. As a part of this enhancement, a new confirmation pop-up will be displayed upon selecting more than 50,000 files. *(FTKC-65121) (FTKC-65066)*

   Note: The bulk operations (labeling, bookmarking, etc.) can be performed only after the job is completed.

1.1.2   Evidence Processing

7. The evidence decryption process now checks its background status every 5 minutes instead of 30 seconds, resulting in a more stable and consistent user experience, particularly in high-volume environments. *(FTKC-64639)*

8. FTK Suite is now enhanced to parse additional data from Ext4 and XFS file systems. *(FCR-64043) (FCR-64042)*

9. A new log, 'Translation Summary' has been introduced in the dbg.proc log file to record and display the number of files sent to and received from the RWS translation server during Evidence Processing and Additional Analysis operations in the FTK Suite. *(FCR-65382)*

1.1.3   AWS S3 Management

10. A search bar has been added to the folder list displayed in the AWS S3 Management feature across FTK Central. This enhances folder selection for AWS S3 buckets by allowing users to quickly search and select the required folder, removing the need to scroll through the full list. *(FTKC-50410)*

11. Optimizations have been made to FTK Central's 'AWS Management' feature to browse and download files/folders from AWS S3 buckets faster. *(FTKC-65438)*

12. A new property, MaxParallelJobs is introduced in the application's configuration file to set the number of parallel processing threads intended to perform the AWS S3 upload operation in FTK Central. *(FTKC-64739)*

    Note: The default value for this property is set to 3.

1.1.4   Service Upgrades

13. The Oracle OutsideX64 (third-party dependency of FTK Suite) has been upgraded to the 8.5.6.0 version. *(FCR-63754)*

14. The Site Server has been upgraded to version 8.2.2.64.

15. The following FTK agents have been upgraded to the corresponding version:

Agents	Versions
Windows Agent	8.2.3.40
Linux Agent	8.2.2.10
Mac Agent	1.1.0.47

16. PostgreSQL has been upgraded to version 14.22.0.1 to address the vulnerabilities reported in the previous version. *(FCR-65474)*

1.1.5   Data Collection

17. FTK Collections are enhanced to collect the modern attachments (via Graph API) present in the chats and container files of the following applications: *(ER-32824) (ER-28364) (ER-29461)*

- Microsoft Teams
- Exchange Online

18. FTK Linux Agent has been enhanced to collect data from Ubuntu 24. *(ER-32758)*

1.1.6   Linux OS

19. FTK can now process and parse Linux-related artifacts.

File systems support added:
- XFS
- BTRFS
- EXT4

Encryption Support:
- LUKS V1
- LUKS v2

File System Integrity & Metadata Accuracy:
- Improved file and folder enumeration to ensure accurate file counts without omissions.
- Enhanced metadata consistency, including access, creation, and related timestamp attributes.
- Improved Native view rendering to support reliable file content access and review.

Processing & Classification Improvements:

- Improved automatic detection and classification of Linux artifacts.

- Corrected data provenance values in the Startup Items subnode.

The key improvements are listed below:

Linux System Information

- System Logs

- Authentication Logs

- Sudo Logs

- Audit Logs

- Boot Logs

- Bash History

- Journal Entry

- User Session Tracker

- User Session

- Cron Job

- AnaCron

SSH Configuration

- Client Configuration

- Server Configuration

- SSH Keys

Operating System Info

- Device Mappings

- DNF Package Manager

- File System Metadata

- Kernel

- Operating System

- Time Zone

- User Accounts

- System User Accounts

- CPU Info

- Machine Model

- USB Device Events

- Internal Storage

- Battery Events

- Laptop Lid Events

Linux Connectivity

- Linux Bluetooth Devices

- Bluetooth Adapter

- Bluetooth Paired Devices

- Bluetooth Seen Devices

Linux Network Connection

- Linux Wired Network Connection

- Linux Wireless Network Connection

Server Logs

- Web Server Logs

- Access Logs

- Error Logs

- DB Server Logs

App Installed

- Anaconda Logs

- Application Installation Logs

- Package Installation Logs

- StartUp Items

(FCR-58255, FCR-23 , FCR-1342,FCR-58418, FCR-58414, FCR-58393, FCR-61953, FCR-61949, FCR-58416, FCR-61950, FCR-59691, FCR-63927, FCR-63920, FCR-61948, FCR-59993, FCR-60005, FCR-61955, FCR-59995, FCR-61952, FCR-60000, FCR-61951, FCR-58417, FCR-58420, FCR-58415, FCR-61560, FCR-58413, FCR-59692, FCR-60001, FCR-59986, FCR-64161, FCR-58294, FCR-58297, FCR-59330, FCR-58295, FCR-59102, FCR-58296)

2 Resolved Issues

1. Resolved an issue where the UFDR files were not uploaded into the AWS S3 bucket upon uploading the corresponding parent folder from AWS S3. This issue occurred only when the E01 and AD1 forensics image files were also present in the folder. *(FTKC-65674)*

2. Resolved an issue where the UFDR evidence added to a case was not processed. This issue occurred only when the parent folder containing the UFDR evidence was added to the case. *(FTKC-66329)*

3. Resolved an issue where the PDF versions of files were not created for the Details Report generated from FTK Central. This issue occurred only when the report name contained any of the following characters: Ä,ä,Ö,ö,Ü,ü,ß,ß„"'›«‹›§. *(FTKC-65190)*

4. Resolved an issue where the temp folders created in the DPM and DPE machines while processing data in FTK Central were not automatically deleted once the process was completed. *(FTKC-62816)*

5. Resolved an issue where the values in 'Labels' and 'Bookmarks' columns in the review page were not updated instantly upon tagging the corresponding files in FTK Central. *(FTKC-59595)*

6. Resolved an issue where the creation of Portable Cases failed for users without the 'Application Administrator' role. *(FTKC-58166)*

7. Resolved an issue where the date format set in the 'System Time Zone' field of Case Defaults was not reflected in the Case List, System Log, and Activity Logs of FTK Central. *(FTKC-56573)*

8. Resolved an issue where the Opus (audio format) files were not played in the 'Native' viewer of FTK Central. *(FTKC-53338)*

9. Resolved an issue where a case's data was not automatically deleted from the database after deleting the corresponding case from the FTK Suite application (Standalone, Lab, or Enterprise). *(FCR-64048)*

10. Resolved an issue where incorrect details were displayed in the JobInformation.log file generated after performing the 'Add Evidence' or 'Additional Analysis' job in the FTK Central application. *(FCR-62799)*

11. Resolved an issue where the Slack connection failed due to a mismatch in case sensitivity of the email addresses provided during collection configuration. *(ER-35955)*

12. Resolved an issue where the 'Download' icon was displayed in the 'Site Server Log Path column of the Collection details page, even when the logs were not available for download. *(ER-35158)*

13. Resolved an issue where some of the files in the RHEL and Ubuntu Operating Systems were not displayed during the FTK Central Collection process. *(ER-29253) (ER-33869)*

14. Resolved an issue where the custodian data sources other than 'Computers' and 'Network Shares' were incorrectly displayed in the Collection creation page for the users possessing only the 'Enterprise' license. *(ER-34095)*

15. Resolved an issue where the time taken to load and display all collections in the Manage Collection page of FTK Central was delayed. *(ER-34405)*

16. Resolved an issue the incorrect value provided in the 'Site Server Instances' field of Check-in Site Server was updated for the Agent. *(ER-34516)*

17. Resolved an issue where some of the files collected from the RHEL Operating System were not decrypted in FTK Suite since some of the UTF-8 characters were missing. *(FCR-59143)*

18. Resolved an issue where incorrect 'Added Time' and 'Last Modified Time' dates were displayed in FTK Suite for the bookmarks collected from the Tor browser application. *(FCR-62208)*

19. Resolved issue where incorrect 'Accessed' and 'Modified' dates were displayed in FTK Suite for the files collected from the RHEL Operating System. *(FCR-62865) (FCR-64055)*

20. Resolved an issue where the APFS Volume Password prompt was displayed only for the first encrypted partition when processing an APFS file containing multiple encrypted partitions. *(FCR-63683) (FCR-64040)*

21. Resolved an issue where the HEIC attachments in chats and messages were not displayed in the Chat Viewer of FTK Suite. *(FCR-63697) (FTKC-64626)*

22. Resolved an issue where the attachments of iOS conversations were not displayed in the Smart View (FTK Central) of FTK Suite. *(FCR-63831)*

23. Resolved an issue where incorrect file names were displayed in the FTK Suite 'File List' for the files obtained from Linux file systems. *(FCR-63852)*

24. Resolved an issue where a large number of DAT files were generated in FTK Suite while processing evidence containing Linux data. *(FCR-64012)*

25. Resolved an issue where the values for the 'Created Date' column were not displayed in the FTK Central Review page. This issue occurred only for the files collected from Linux machines. *(ER-14214)*

26. Resolved an issue where some of the file and folder directory structures of XFS file systems were not displayed in the 'Explorer' tab of FTK Suite. *(FCR-64038) (FCR-64054)*

27. Resolved an issue where additional files were collected even when the 'Recursive' and 'Relative' options were disabled under the Path filter of the Computer Collection. *(ER-34477)*

28. Resolved an issue where the 'Archive and Detach' operation was not performed for a case when the MSSQL database was set to single-user mode. *(FCR-64041)*

29. Resolved an issue where incorrect Inode numbers were displayed for the files collected from the Linux Operating System. *(FCR-64046)*

30. Resolved an issue where collection from the RHEL Operating System failed while using the 'File Path' filter in FTK Suite. *(FCR-64047)*

31. Resolved an issue where some of the data was not parsed from the Linux Operating System upon performing collection via FTK Suite. *(FCR-64049)*

32. Resolved an issue where users were not able to establish a connection with a Linux machine after collecting data from it via FTK Suite. *(FCR-64050)*

33. Resolved an issue where evidence was processed using the Mobile Chat Parser even when the SQLITE processing was enabled in FTK Suite. *(FCR-64051)*

34. Resolved an issue where users were not able to configure the PostgreSQL database in FTK Suite. *(FCR-64372)*

35. Resolved an issue where 'Privileged' files within containers were displayed in the Natural viewer for users with limited access. *(FCR-58881)*

36. Resolved an issue where the Site Server 'Software Inventory' job initiated for more than 2500 agents failed in FTK Central. *(ER-35549)*

37. Resolved an issue where users were not able to decrypt APFS files encrypted using BitLocker or FileVault in FTK Central. *(FTKC-52467)*

38. Resolved an issue where some pages in an email file were not printed upon performing 'Print' from the Native viewer of FTK Central. *(FTKC-63558)*

39. Resolved an issue where the partitions of an evidence were recorded as separate entries instead of a single entry in the FTK Central Details report. *(FTKC-66202)*

40. Resolved an issue where the 'ETag' column header name was incorrectly displayed as 'MD5' in the AWS S3 Management page of FTK Central. *(FTKC-65335)*

41. Resolved an issue where an incorrect number of 'File Categories' was displayed in the 'Custom Dashboard' section of a Case. *(FTKC-64181)*

42. Resolved an issue where the label and bookmark counts displayed under the 'Common Filters' section of the FTK Central Review page disappeared after clicking on the refresh button present against the 'Explorer' section name. *(FTKC-65685)*

43. Resolved an issue where incorrect results were displayed after applying filters in the 'Created Date' column of the FTK Central Review page. As a part of the fix, the following column names have been changed: **(FTKC-66293)**

FTK

Column Short Name:

Old Name	New Name
Created Time	Created
Email Created Time	Email Created
Create	Document Created

Column Name:

Old name	New name
Created Time	Email Created Time
Create Time	Document Created Time

FTK Central

Column Name:

Old name	New name
CreatedTime	Created_Time
CreateTime	Email_Created_Time
Created Time	Document_Created_Time

44. Resolved an issue where the exterrohashset would apply changes to files with Media Categorizations across cases rather than within a single case. *(FTKC-65099) (FTKC-65673)*

45. Resolved an issue where the macOS Agent failed to accept jobs due to the incorrect IP being reported. *(ER-34578)*

46. Resolved an issue where Bulk tagging jobs would not show accurate job details when active. *(FTKC-62302)*

47. Resolved an issue where all users could see other users' jobs when they were not assigned to the case. *(FTKC-66300)*

48. Resolved an issue where the AWS upload status of the file/folder uploaded from the local directory was incorrectly displayed as '100%' until the page was refreshed. *(FTKC-65112)*

3 Open Issues

1. The term 'Blocks' is incorrectly displayed as 'Clusters' for the Linux files in the 'Hex' viewer of FTK Suite. *(FCR-64416)*

2. Some of the evidence files in the selected folder are not processed upon performing the 'Add Evidence and Process' operation from the 'Add Evidence' pop-up of Case Summary page. This issue occurs only for the folders containing multiple forensic images (Example: AD1, E01, UFDR). *(FTKC-67446) (FTKC-67471)*

3. Sporadically, the 'Add Evidence' job will not be initiated when you select a partition file from the local directory to simultaneous upload it to AWS S3 bucket and add it as an evidence to a case from the 'AWS S3 Management' section of FTK Central. *(FTKC-65577)*

4 Limitations

1. Content of emails received by the custodian and labeled with sensitive tags (e.g., 'Confidential') in Microsoft Outlook is not displayed within the FTK Central Viewer upon collecting it via Exchange Graph API. *(ER-36309)*

2. Some keywords are not highlighted when using the Search function within the Native Viewer on the FTK Central Review page. This issue occurs only for the emails containing modern attachments. *(ER-35046)*

Contact Exterro

If you have any questions, please refer to this document, or any other related materials provided to you by Exterro. For usage questions, please check with your organization's internal application administrator. Alternatively, you may contact your Exterro Training Manager or other Exterro account contact directly.

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