exterro®
Data Risk Management

FTK SUITE 8.3 – RELEASE NOTES

JULY 2026

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About Exterro

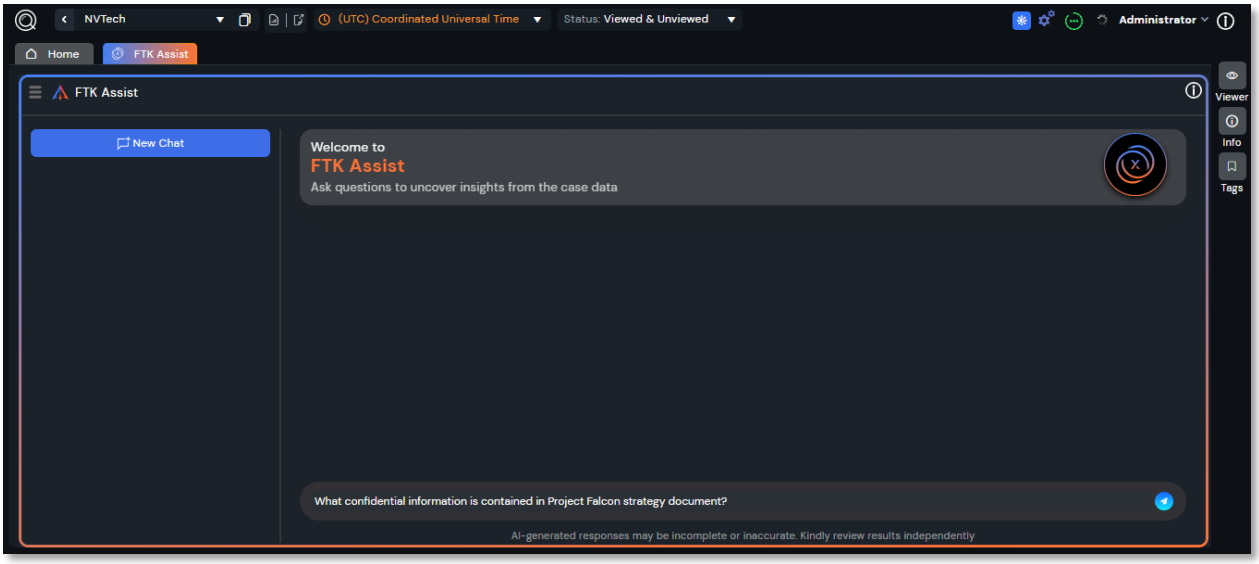
Exterro was founded with the simple vision that applying the concepts of process optimization and data science to how companies manage digital information and respond to litigation would drive more successful outcomes at a lower cost. We remain committed to this vision today. We deliver a fully integrated 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 FTK Assist

1.1.1 Introducing FTK Assist: The Next Generation of Investigative Discovery

FTK Assist is an AI-powered conversational interface purpose-built for digital forensics that transforms how investigators interact with case evidence. It allows you to ask questions in natural language and receive precise, evidence-backed answers in seconds instead of manually navigating through massive volumes of data.

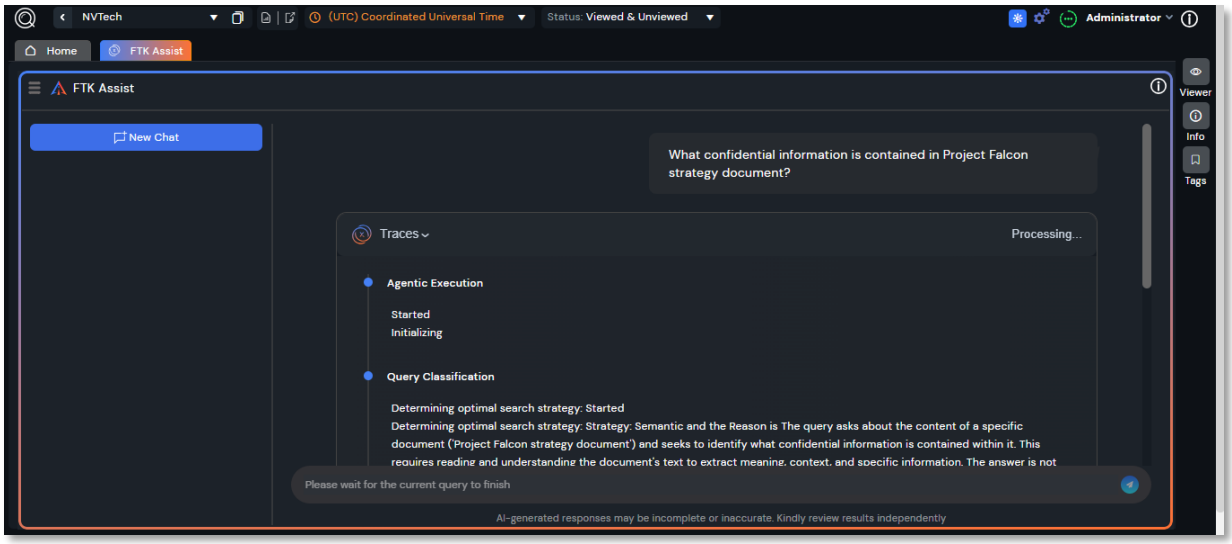


The system automatically classifies the investigator's intent to execute the optimal retrieval strategy without user intervention. Moreover, the scope of the operation is strictly grounded in your actual data, fully cited, and completely verifiable. Every generated response is restricted exclusively to processed case artifacts and includes inline citations linking directly back to the source, ensuring full transparency, verifiability, and defensibility.

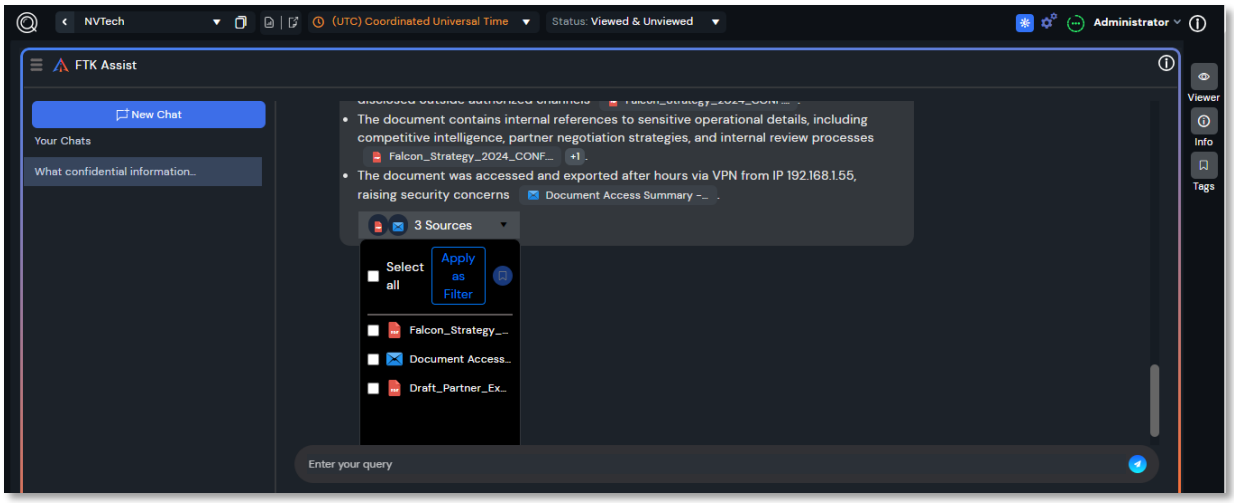
Whether you are conducting a broad discovery or a surgical investigation, FTK Assist provides the contextual intelligence needed to make faster, more confident decisions.

Key Benefits:

- **Evidence-Grounded Intelligence & Explainability:** Eliminates speculation by generating responses exclusively from case documents, emails, and chats with zero external knowledge injection. Investigators can review real-time 'Traces' of the AI's reasoning and retrieval process for total transparency.

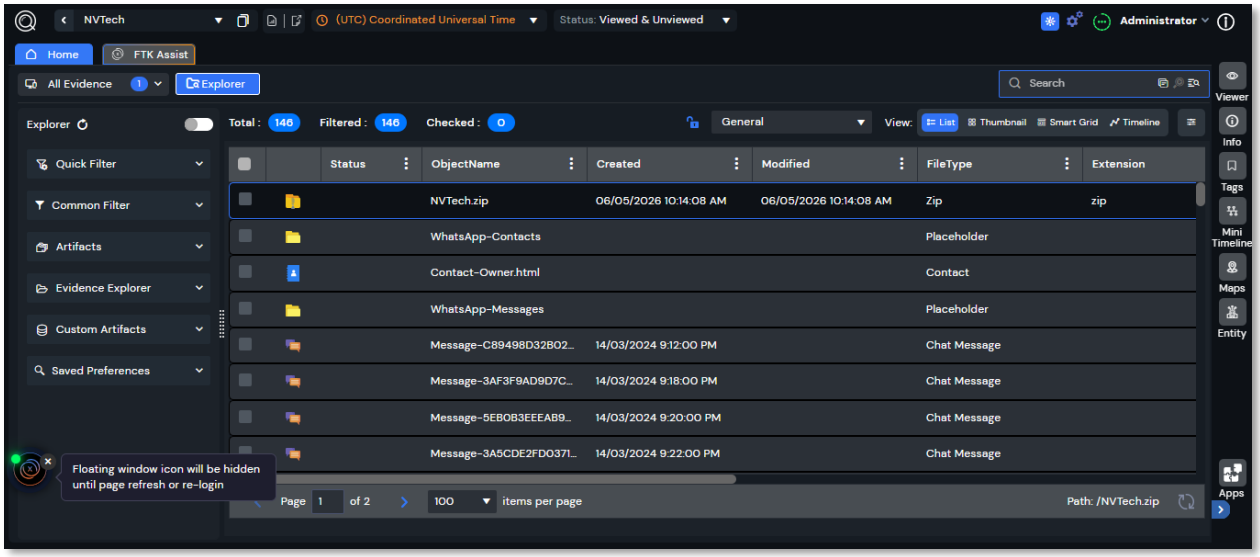


- **Seamless Integration:** Features an 'Apply as Filter' capability that allows investigators to pivot instantly from an AI-generated answer to a focused review of the underlying artifacts in the main grid.

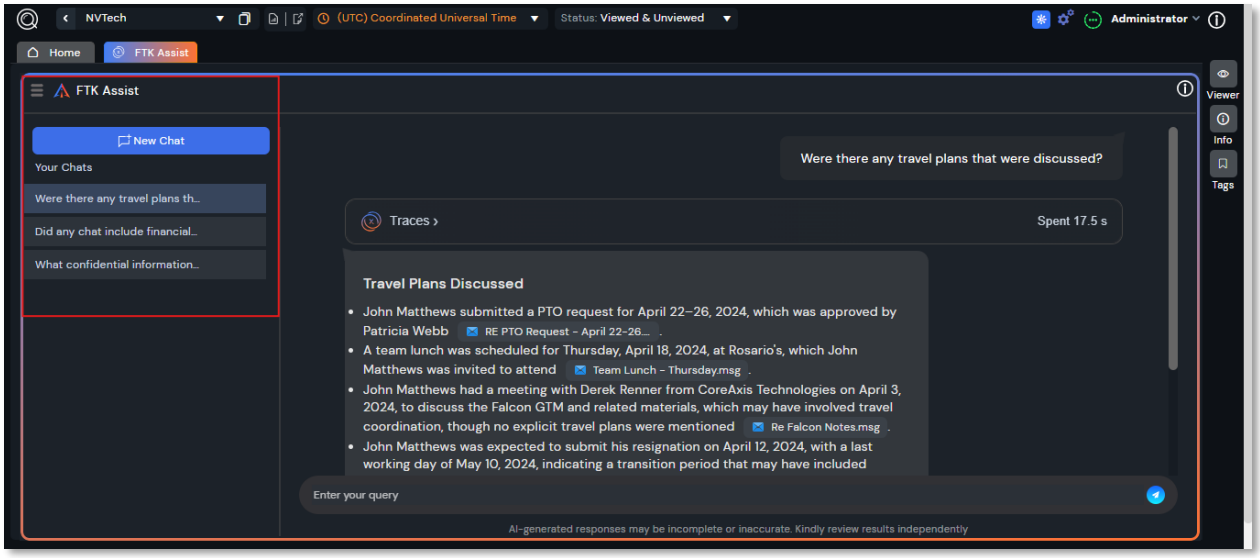


Furthermore, you can directly assign labels and bookmarks to the source files from this page by clicking on the tags button displayed in the sources drop-down.

- **Continuous Floating Workspace:** Includes a floating window UI so users can maintain active conversational access to the AI while simultaneously browsing, analyzing, and reviewing evidence without interrupting their workflow.



- **Private Context Continuity:** Supports progressive follow-up questions within the same thread without losing context. To protect tactical isolation, the system securely stores up to 50 private, isolated conversations per user, per case.

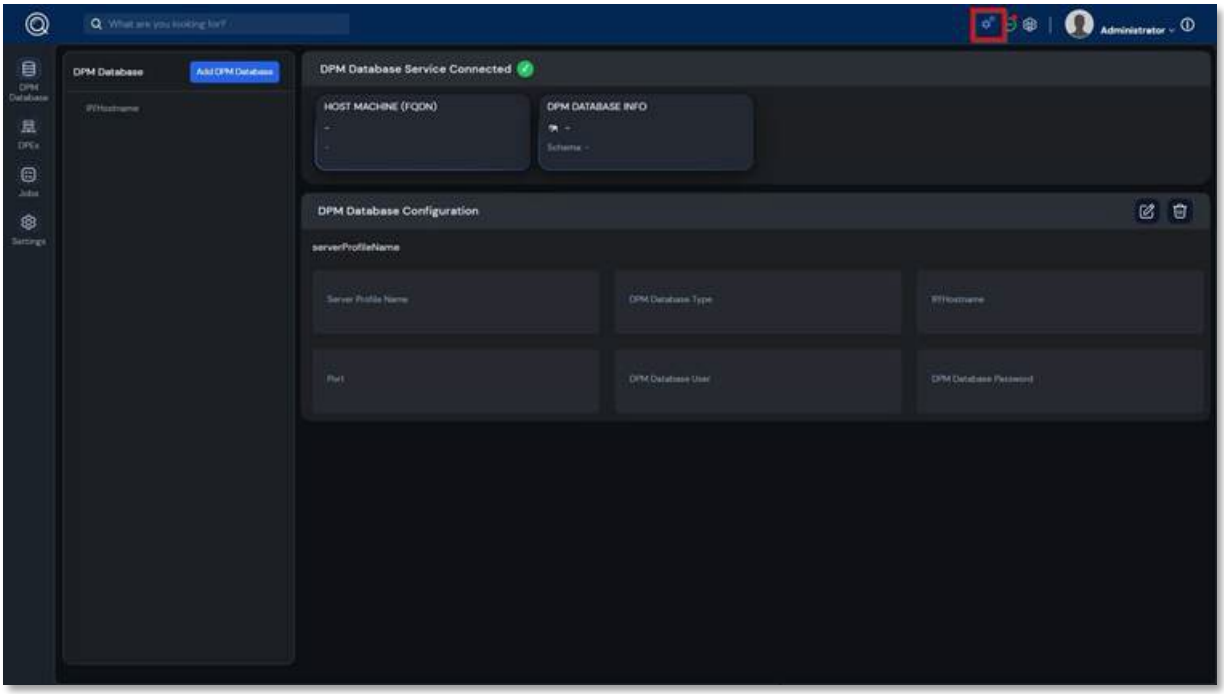


1.2 Processing Modernization

1.2.1 Enhanced DPM and DPE Monitors

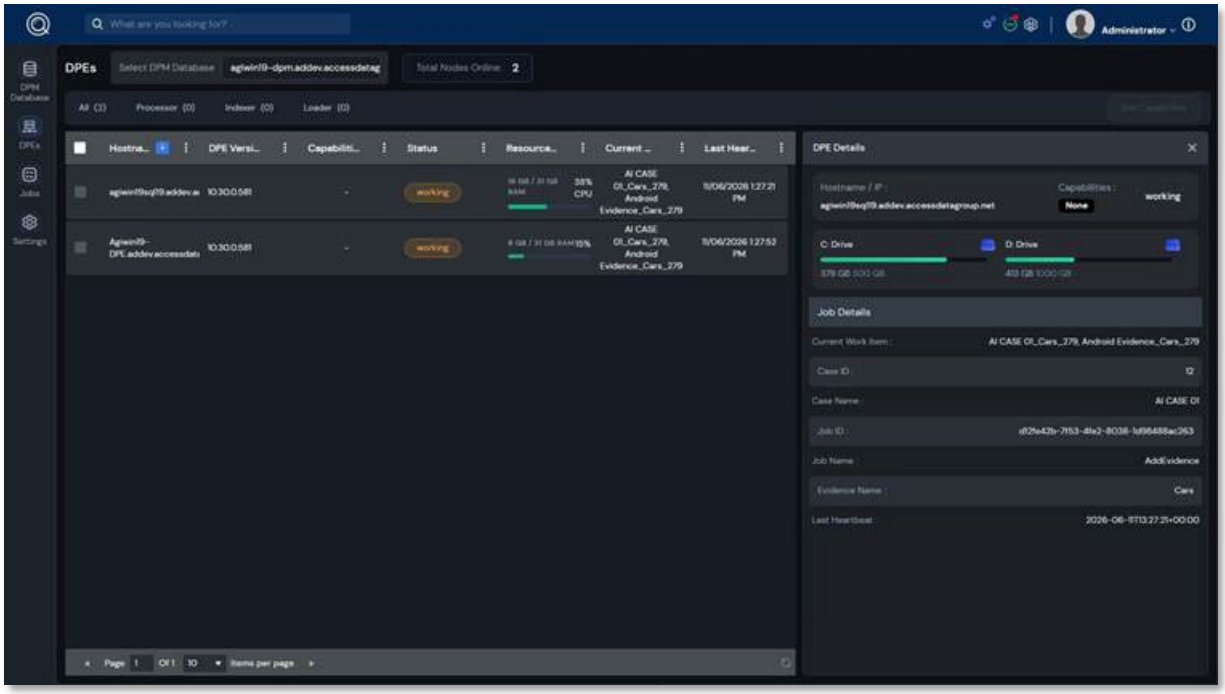
FTK Suite 8.3 introduces a high-performance, PostgreSQL-backed Distributed Processing Manager (DPM) Database designed for enterprise-grade resilience and improved scalability. By centralizing all job and batch coordination states directly within the database, distributed processing engines (DPEs) operate independently to pull work on demand. This advanced architecture supports enhanced engine scaling, continuous system uptime, dynamic job prioritization, and automatic batch failovers.

Administrators can seamlessly deploy, monitor, and tune the entire infrastructure through an intuitive, centralized dashboard, bringing granular control and maximum efficiency to high-volume digital forensics labs.

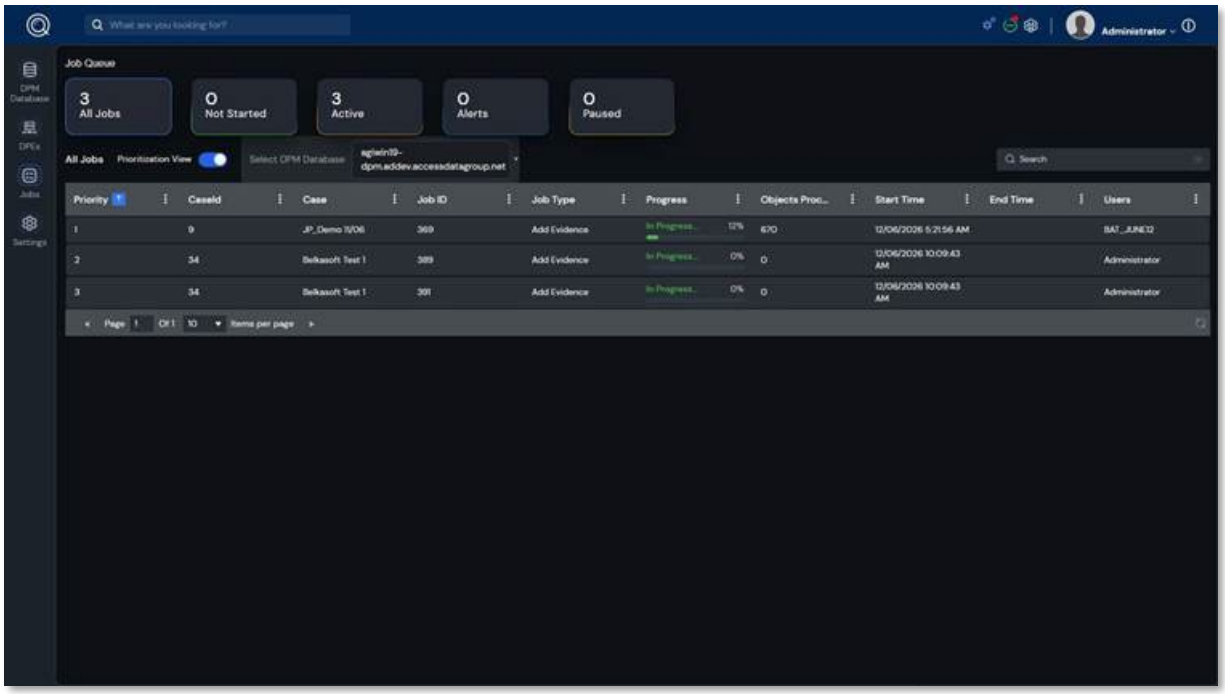


Key Highlights:

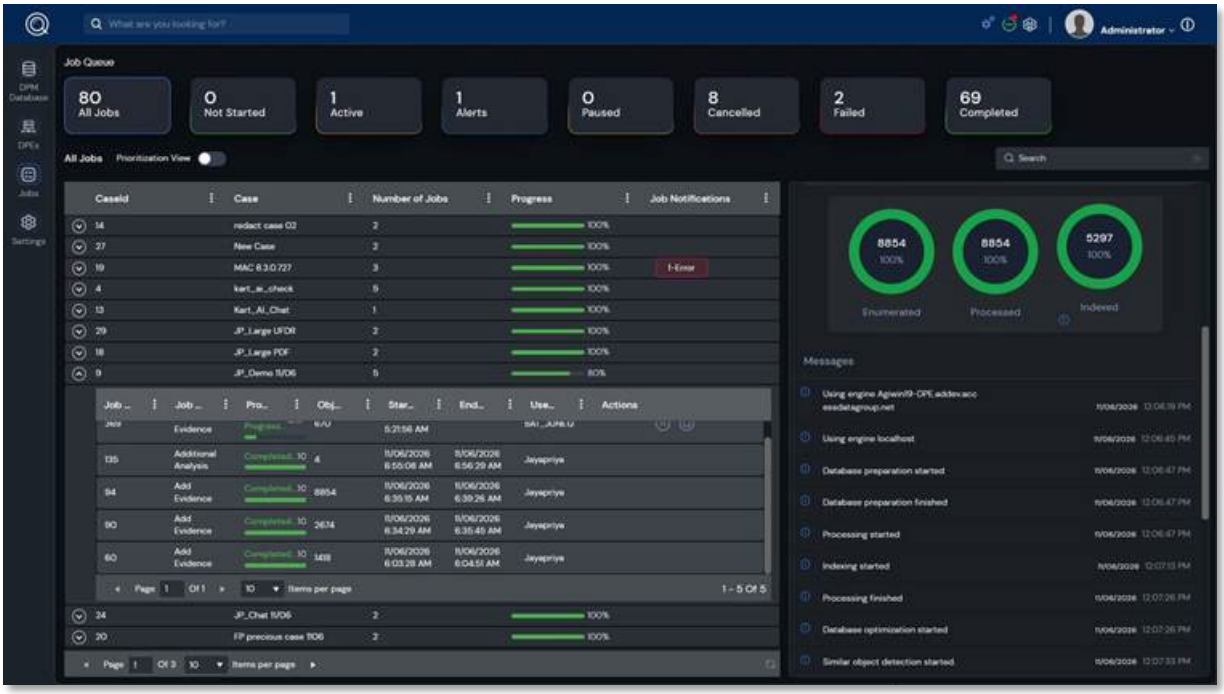
- **Decentralized, High-Availability Architecture:** By shifting coordination states to a PostgreSQL 18.4 database, processing engines directly claim their own tasks. If a batch encounters an issue due to problematic files, the system automatically skips the file and logs its details in the 'Alert' pop-up, preventing entire case pipelines from stalling.



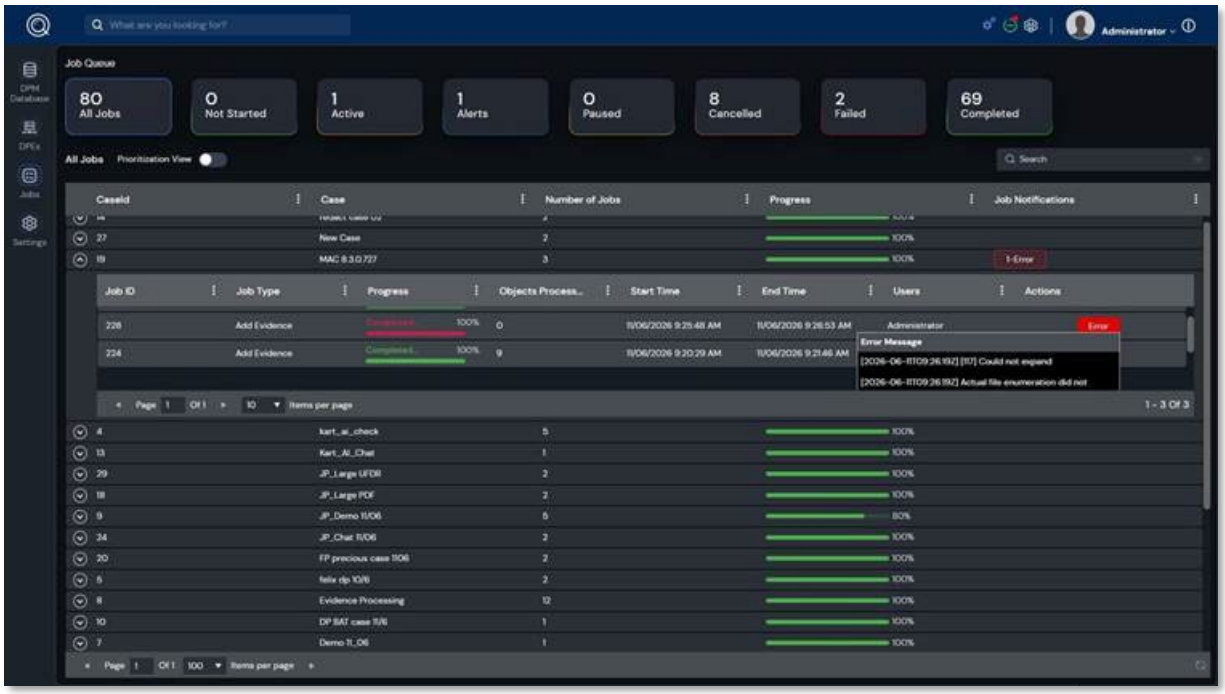
- **Dynamic, Multi-Database Job Prioritization:** Lab managers can seamlessly oversee multiple DPM environments. Through a flat, priority-ordered 'Prioritization View', administrators can modify live jobs on the fly via simple inline editing to fast-track urgent, time-sensitive evidence ahead of standard processing queues.

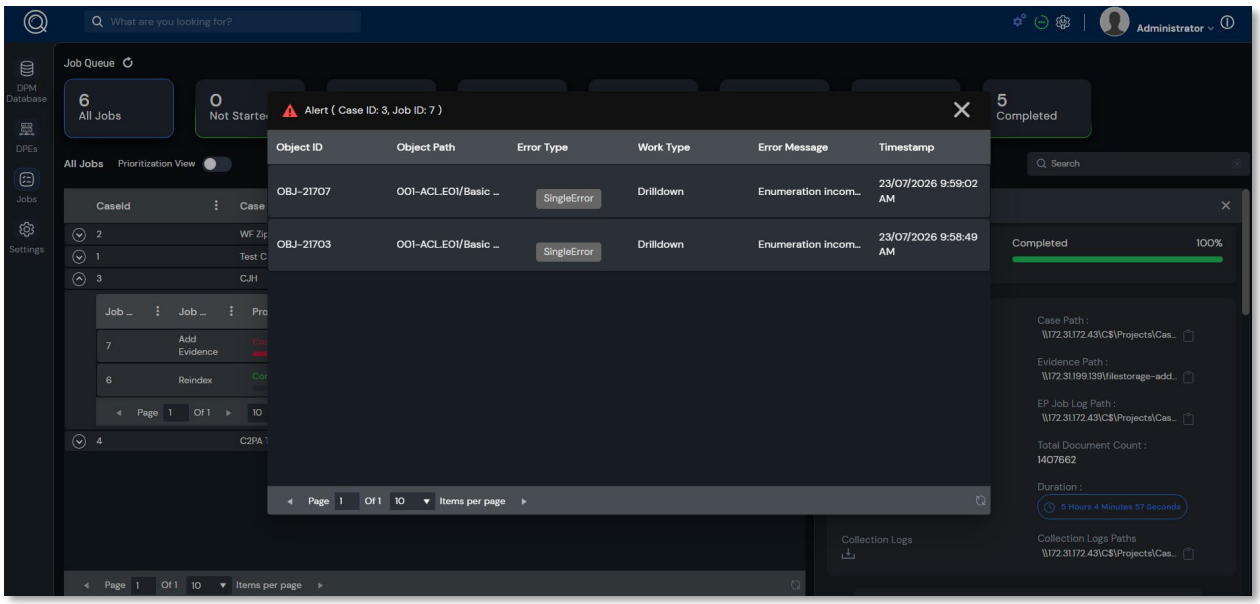


- **Real-Time Engine Performance Monitoring:** Provides an expansive, grid-based interface tracking active processing engines. Teams gain complete visibility into engine health, including software versions, live CPU and RAM utilization, and precise drive space remaining, guarding against unexpected drive-full stalls.

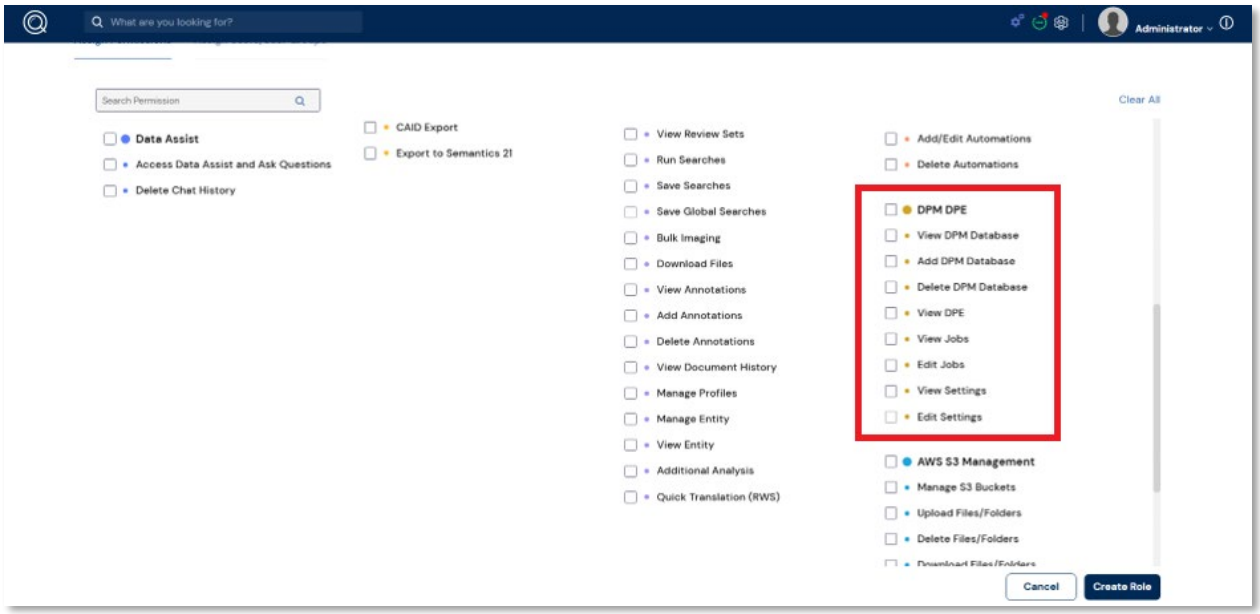


- **Granular Stage Tracking & Error Mitigation:** Eliminates black-box operations with live, per-stage completion rings indicating exactly how many items have been enumerated, processed, and indexed. If a problematic or corrupted file is hit, the system skips it and flags it with an inline alert or error dialog rather than letting the entire job crash.





- **Role-Based Infrastructure Governance:** Ensures infrastructure security through a dedicated permission group within role management. Access can be tiered down to the granular level, cleanly separating those who can simply view engine and job queues from those authorized to add database profiles, or manipulate job priorities.



Note: *The process of adding and managing Processing Managers has been centralized and can be performed only in the FTK Smart View (FTK Central). When you try to add DPM/DB in FTK, you will be automatically redirected to FTK Central (FTKC).*

1.2.2 Support for Cassandra and RocksDB Database

You can now select a database for KFF operations that best aligns with your organizational scalability and performance requirements, enabled by the updated backend integration for KFF. This update introduces support for both Cassandra and RocksDB databases, allowing you to achieve greater deployment flexibility across your infrastructure.

1.3 Artifacts Parsing

1.3.1 Expansion of Comprehensive Artifact Parsing

FTK Suite expands its core forensic footprint by introducing wide-ranging artifact parsing support across multiple mobile, desktop, and server operating systems. This major update broadens investigative visibility, improves data interpretability, and ensures critical digital footprints are seamlessly categorized for efficient, multi-platform timeline analysis.

Supported Platforms & Applications

For iOS

Third-Party Applications:

- DuckDuckGo Browser
- Tor Browser
- Vivaldi Browser
- **WhatsApp Business**
- **MeWe**
- Apple Journal

System Summary Nodes:

- User Notifications
    - Library Notification
    - Stream Notification
- iOS Mobile WiFi Network
- iPhone Wallet data
- Photo vault
- Spotlight Searches
- Notification Cached media
- iOS Health Data
    - Heart Health Rate
    - Health Workout

For Android

- Arc Browser (Arc Search)
- DuckDuckGo Browser
- Opera Browser
- Tor Browser
- Mastodon Social Media App
- Proton Mail
- Fitbit data
- Android Burner App
- MeWe Chat
- WhatsApp Business

System Summary Nodes:

- Google Maps Tiles
- Parsing application snapshots
- Google File searches (Up to Android 13)
- Factory reset date and time
- Samsung Device Health Management Service
    - Battery Statistics
    - CPU Statistics
    - Network Statistics
    - Samsung Wellbeing
    - Samsung Honeyboard Clipboard

For Linux File System & Encryption Support:

- **Supported File Systems:** Ext (Ext2/3/4), XFS, Btrfs
- **Supported Disk Encryption:** LUKS v1, LUKS v2

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

Linux Browsers (System Summary):

- Linux Firefox Browser(System Summary)
- Firefox Searches
- Firefox Downloads
- Firefox Credentials
- Firefox Cookies
- Firefox Bookmarks
- Firefox Favorite Icon
- Firefox History
- FireFox URLs
- Firefox Social Media URLs
- Firefox Darknet URLs
- Firefox Cryptocurrency URLs
- Firefox Tax Site URLs
- Firefox Phishing URLs
- Firefox Adult URLs
- Firefox Uncategorized URLs
- Firefox Google Maps Queries
- Firefox Form History Data
- Firefox Cache Records

For macOS

Revamping Parsing support for the following browsers:

- Google Chrome- Favourite icon, cached data, shortcut handler, extension
- Safari

For Windows

- Windows 11 Search Database
- Windows Defender
- $o and $r NTFS Artifact Processing
- Support for Windows search based on WordWheelQuery
- Support for processing Microsoft Cloud images
- Support for Typed Paths
- Support for Program Compatibility Assistant

Microsoft Teams Desktop:

This enhancement introduces support for parsing Microsoft Teams Desktop application data using the Exterro Chat Parser. Investigators will be able to review Teams conversations and related communication artifacts through the same workflows used for other supported chat applications, providing a consistent review experience across collaboration platforms.

For Mobile Data Processing (Extended XML)

- **Advanced XML Interpretation:** This enhancement improves the processing and interpretation of Extended XML data generated from mobile forensic sources. The focus is on ensuring chat conversations are correctly categorized and displayed, while expanding support for additional artifact categories available within the Extended XML dataset.
- **UFED Advanced Logical Images Android and iOS:** Processes Logical Imageraw extraction logs to map call history, contacts, SMS, MMS, calendar events, and location

System & Output Artifacts:

- **Relativity Short Message Format (RSMF):** Added native support for exporting and parsing RSMF chat and messaging artifacts.
- **BitLocker Event Logs:** Enhanced the extraction and parsing of BitLocker activity and diagnostic logs.
- **OCR Modules (Abbyy):** Updated the OCR engine to improve text extraction from image-based artifacts.
- **Cassandra Core Engine:** Updated the Python integration for parsing and processing Cassandra database artifacts.
- **Agent FIPS & OpenSSL:** Upgraded the processing agent to support FIPS-compliant artifact collection and OpenSSL enhancements.

1.3.2 Detect AI-Generated Content Using C2PA Metadata

You can now reveal synthetic media and verify file authenticity during the review process using the new C2PA (Coalition for Content Provenance and Authenticity) tracking engine. By parsing cryptographically signed Content Credentials embedded within digital media, FTK and FTK Central dynamically identify whether a file has been generated, modified, or processed by AI-enabled applications providing a tamper-evident record of content origin.

You can find out such information from the following newly introduced columns in the list view for all graphics and multimedia files:

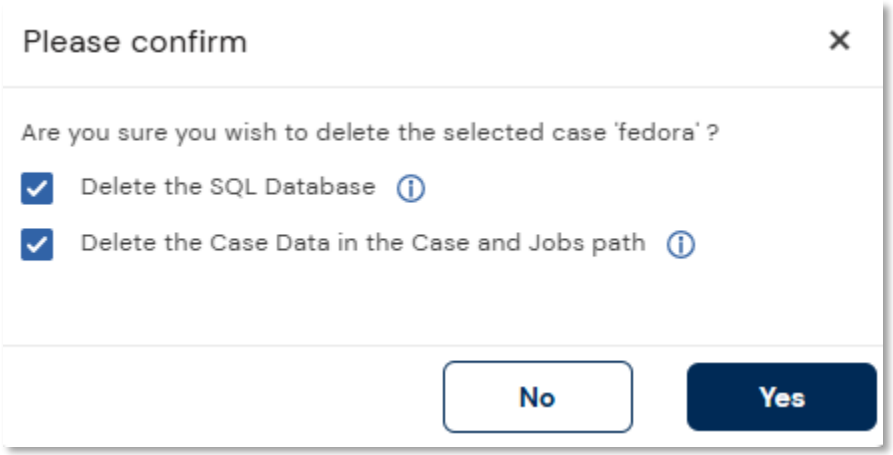
- C2PA Manifest Data Exists: A boolean indicator that populates with a positive value (True) if a verifiable cryptographic C2PA manifest container is detected within the file structure.
- C2PA Claim Generator Info: Displays the specific platform, application, or software signing service responsible for creating the manifest (e.g., OpenAI DALL-E, Adobe Firefly, Midjourney).

1.4 Review Enhancements

1.4.1 Case & Evidence Management

1. Selective deletion of case data

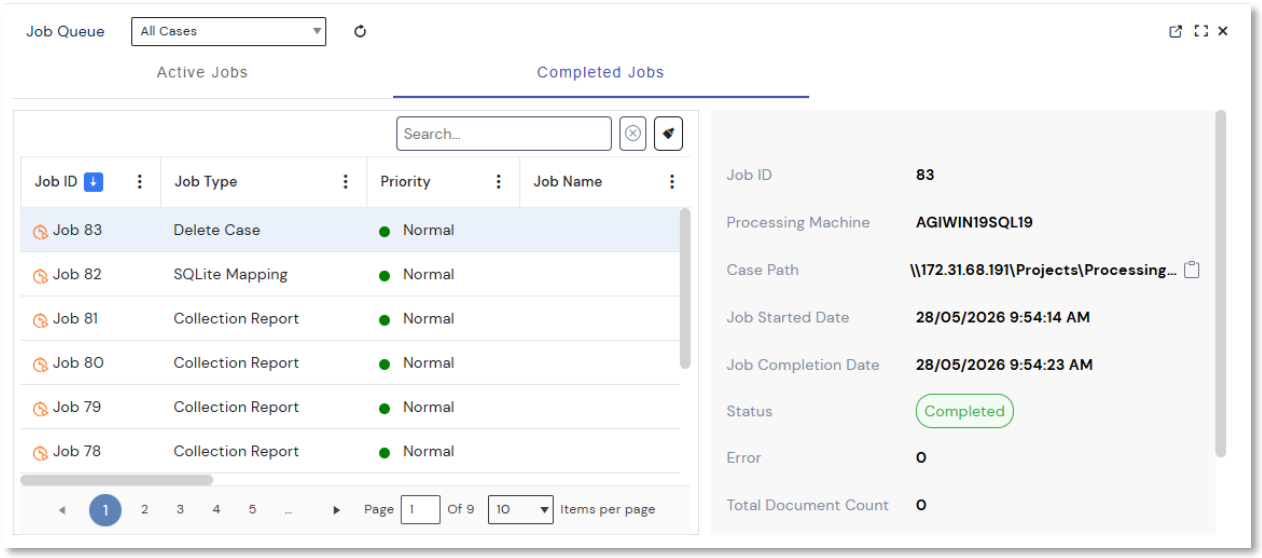
When removing a case, you now have precise control over which data is deleted from your system. Instead of automatically deleting the SQL database and all related case files at the same time, this enhancement provides you with two independent checkboxes in the delete confirmation pop-up to customize your cleanup. You can choose to permanently delete databases or raw files individually, or simply soft-delete a case out of your interface while keeping all underlying records completely safe on your storage drives.



2. Background Case Deletion

Case deletion is now executed as an asynchronous background job, ensuring the user interface remains completely usable during large-scale data cleanups. Previously, removing massive datasets restricted investigators' workflow by making them wait several minutes for the process to be completed.

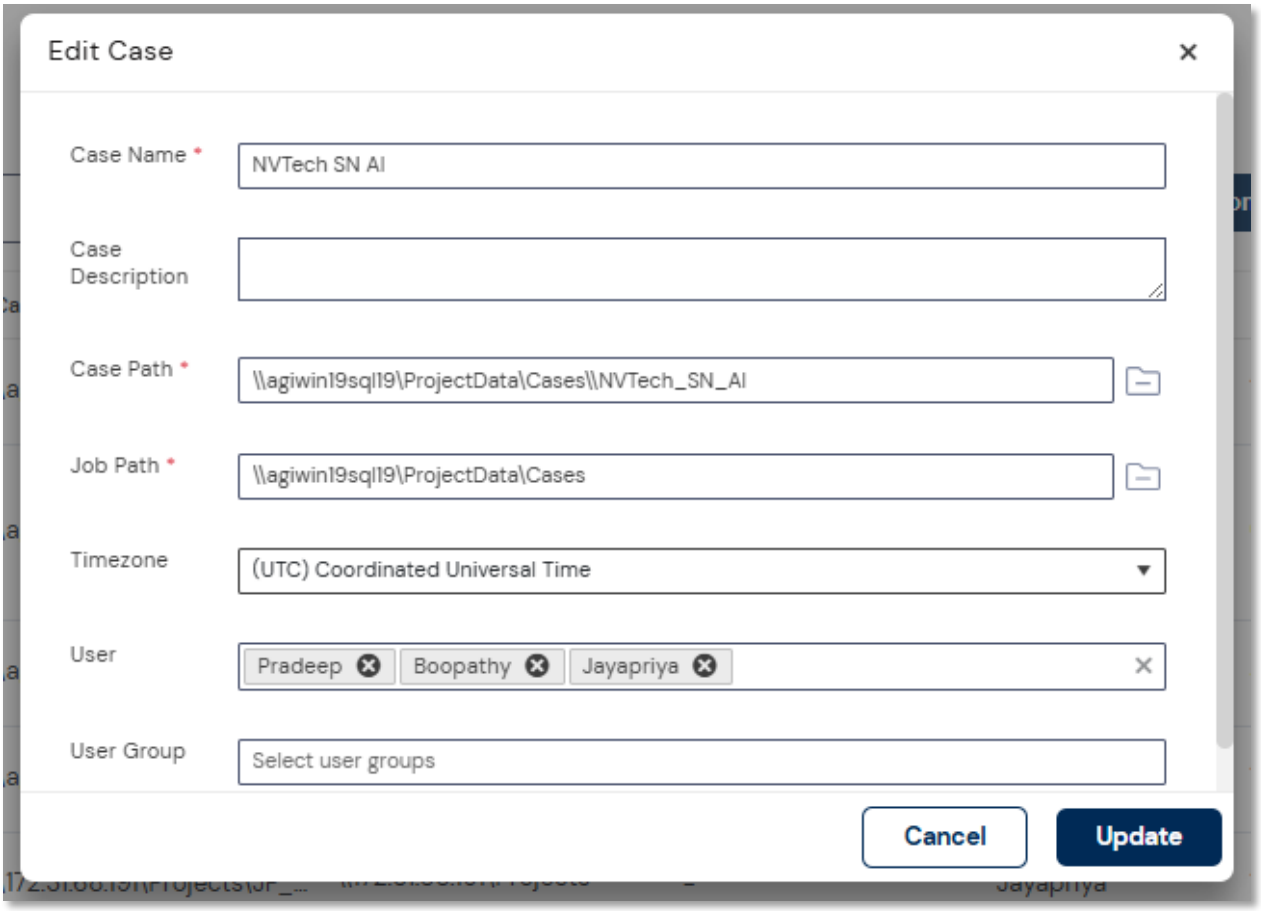
With this enhancement, immediately after a deletion is triggered, investigators can proceed to their next action while monitoring the cleanup status directly within the Job Queue.



3. Manage Users and Groups from Edit Case

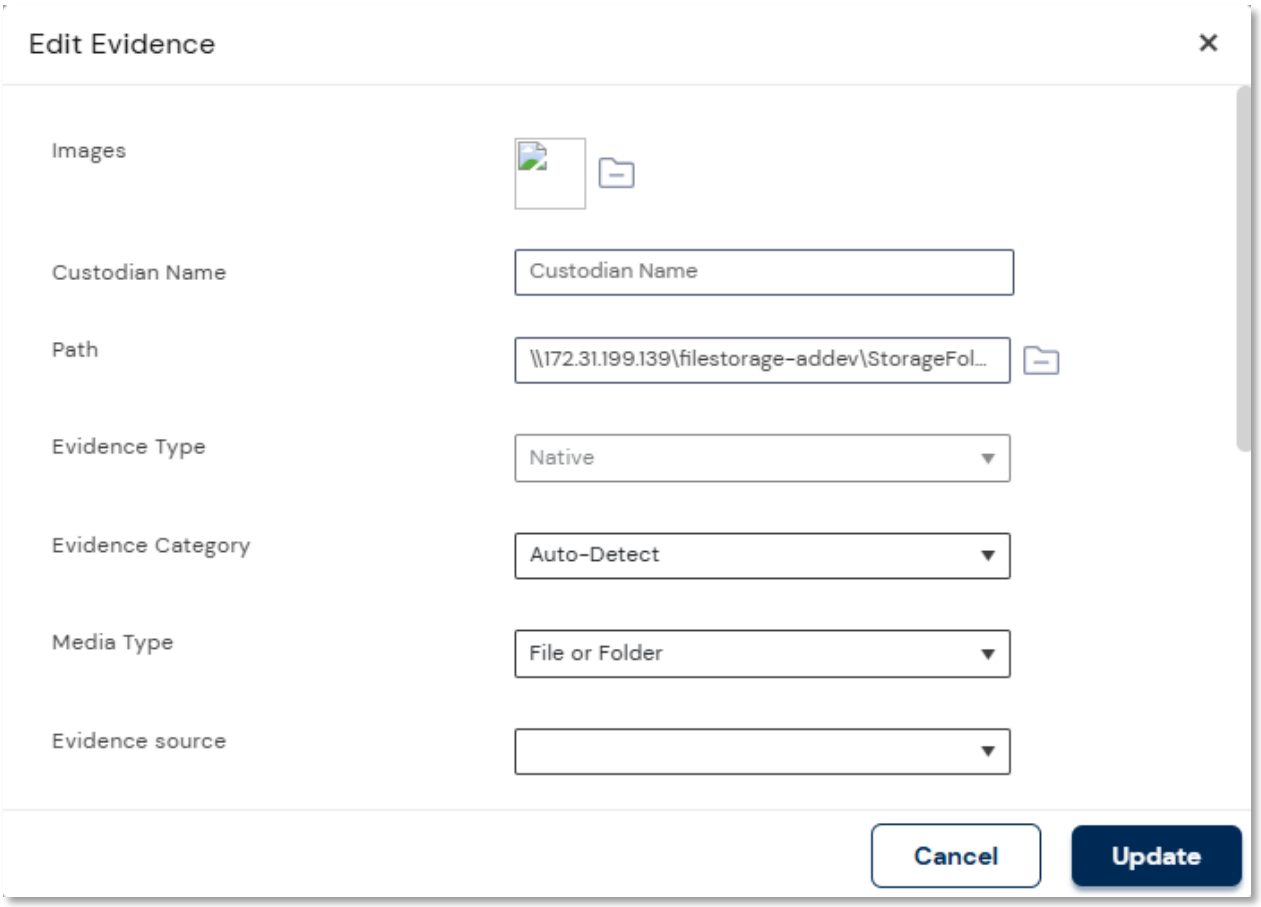
Managing User and User Groups can now be done directly from the Edit Case window. Instead of navigating away to a different page, administrators can now control case access from a single location.

When modifying an existing case, administrators will find the new **User** and **User Group** fields where they can instantly add or remove individual users, multiple users, or entire groups.



4. Evidence Path Editing on UI

Case administrators can update evidence storage paths directly within the user interface in FTK Central. Now, you can simply update the evidence path from the 'Edit Evidence' pop-up of the Case Summary page. This enhancement replaces the legacy workflow that required manual back-end database edits to point to new storage paths.

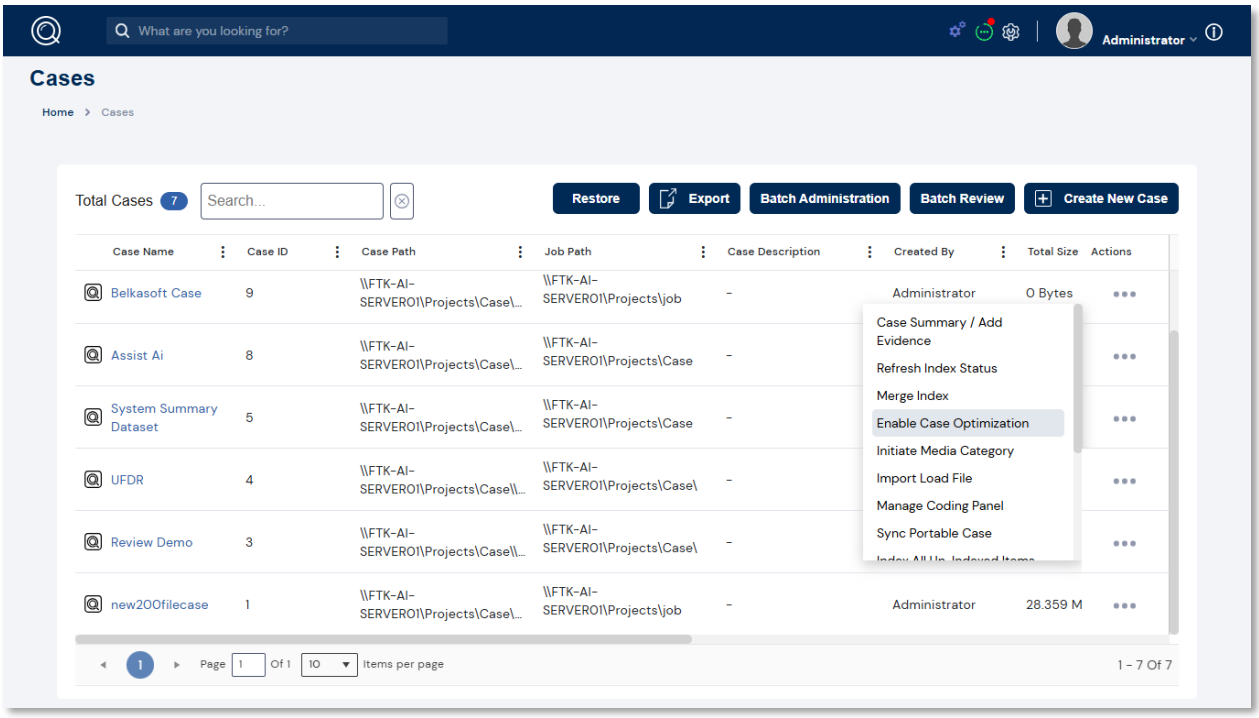


5. Case Optimization with Columnstore Indexing

A new Case Optimization feature for MSSQL-based cases using Columnstore Indexing has been introduced. This drastically improves system performance when dealing with large datasets by compressing data storage, slashing query execution times, and speeding up processing.

Users with the new 'Enable Case Optimization' permission can run the procedure directly from the Case List Actions menu. The system validates that the case is on MSSQL, isn't already optimized, has a compatible SQL Server version, and has no active processing jobs running. Once a confirmation prompt is accepted, the case enters a locked Maintenance Mode, rendering it temporarily unavailable for review until the one-time, irreversible process completes and normal operations resume.

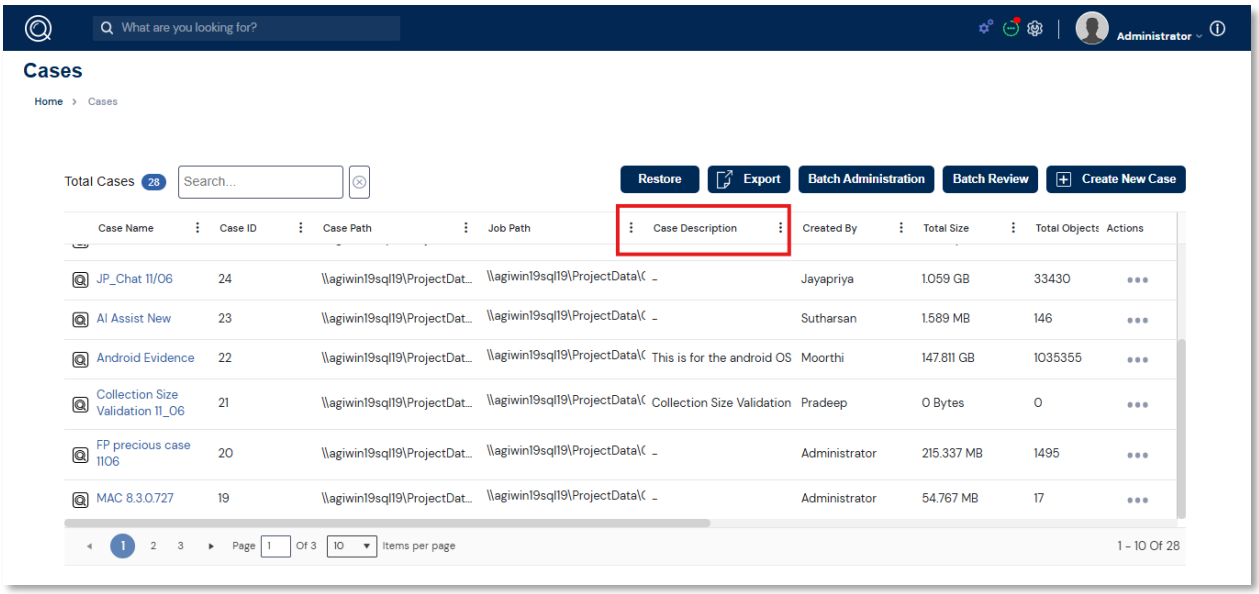
By optimizing the underlying database structure, investigators now experience significantly faster loading, searching, and review speeds inside large cases.



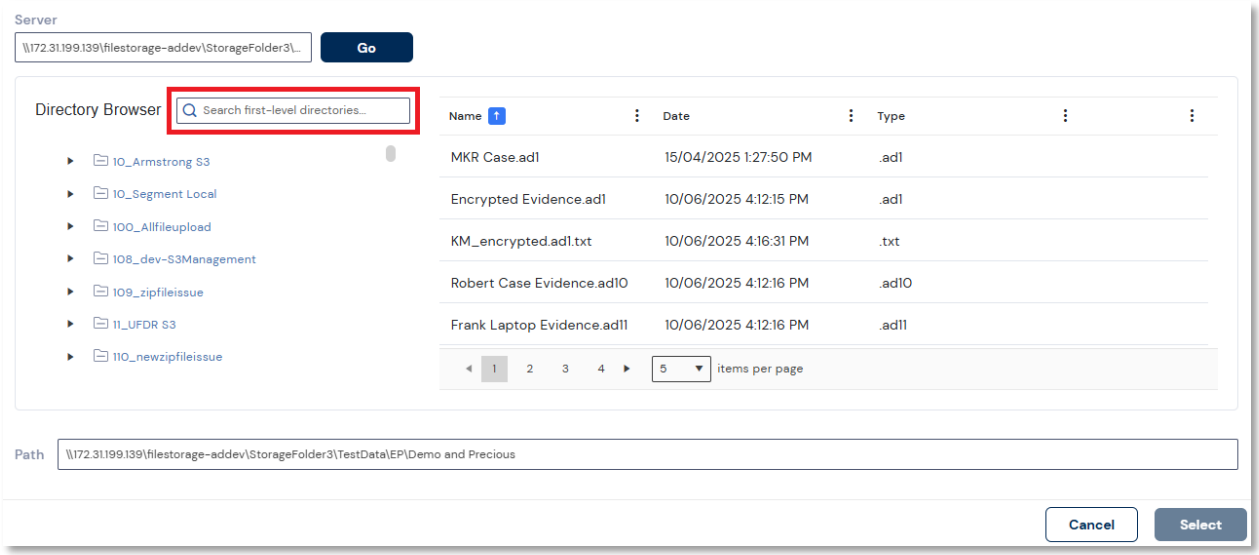
6. Editing Case Description

You can now update an existing case's description from the 'Edit Case' pop-up.

7. A searchable ‘Case Description’ column has been introduced in the Case List page, allowing you to locate and identify target cases using meaningful contextual keywords instead of relying on case names alone.



8. The ‘Add Evidence’ pop-up now includes a Search feature, making it easier to find and select the required evidence directory for a case. ***(FTKC-56428)***



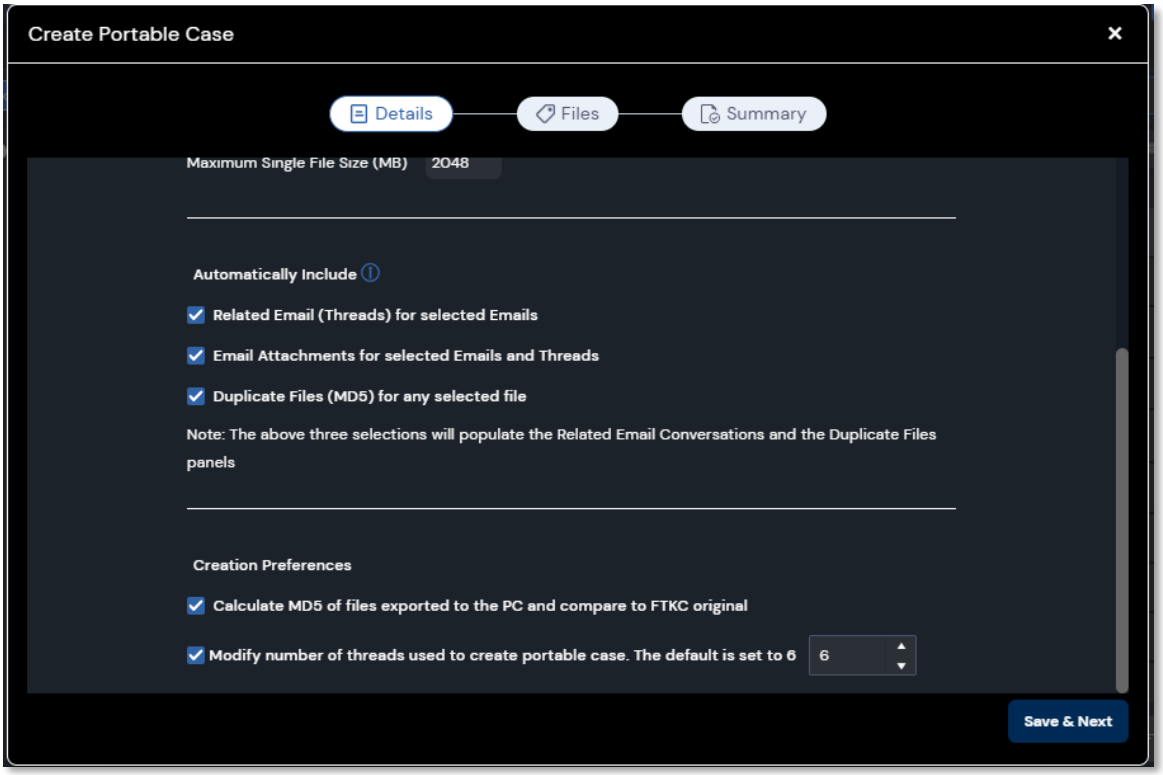
1.4.2 Portable Case

1. Portable Case Creation Preferences in the User Interface

The settings to configure the following options for Portable Case are now made available in the FTK/FTK Central User Interface:

- Calculate MD5 of files exported to the PC and compare to the FTK Central original
- Modify number of threads used to create portable case

Investigators and administrators can now customize these options from the new 'Creation Preferences' field in the Portable Case creation window, eliminating the need to manually tweak application files before generating a case.

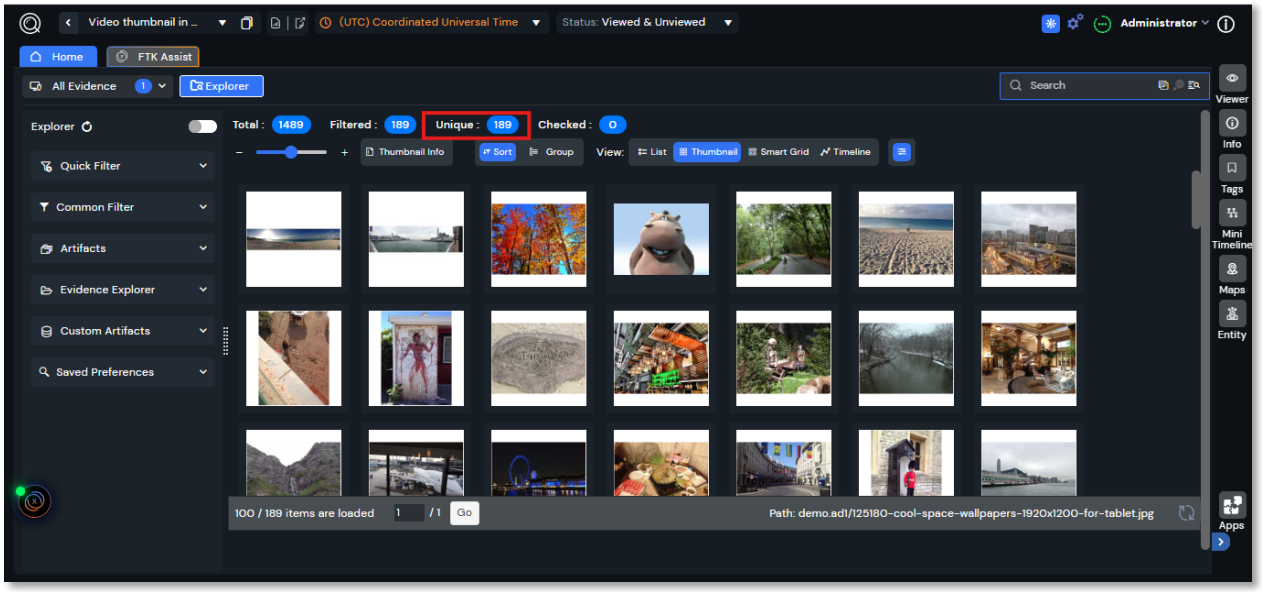


2. To ensure seamless synchronization between both products, all File Category column sets in FTK Enterprise have now been integrated into the FTK Portable Case. ***(FCR-57757)***
3. The performance of loading and playing video files in the FTK Portable case has been greatly enhanced. ***(FCR-55905)***
4. FTK Portable Case now features a progress bar to track real-time status when applying labels and bookmarks in bulk. ***(FCR-48151)***

1.4.3 Multimedia

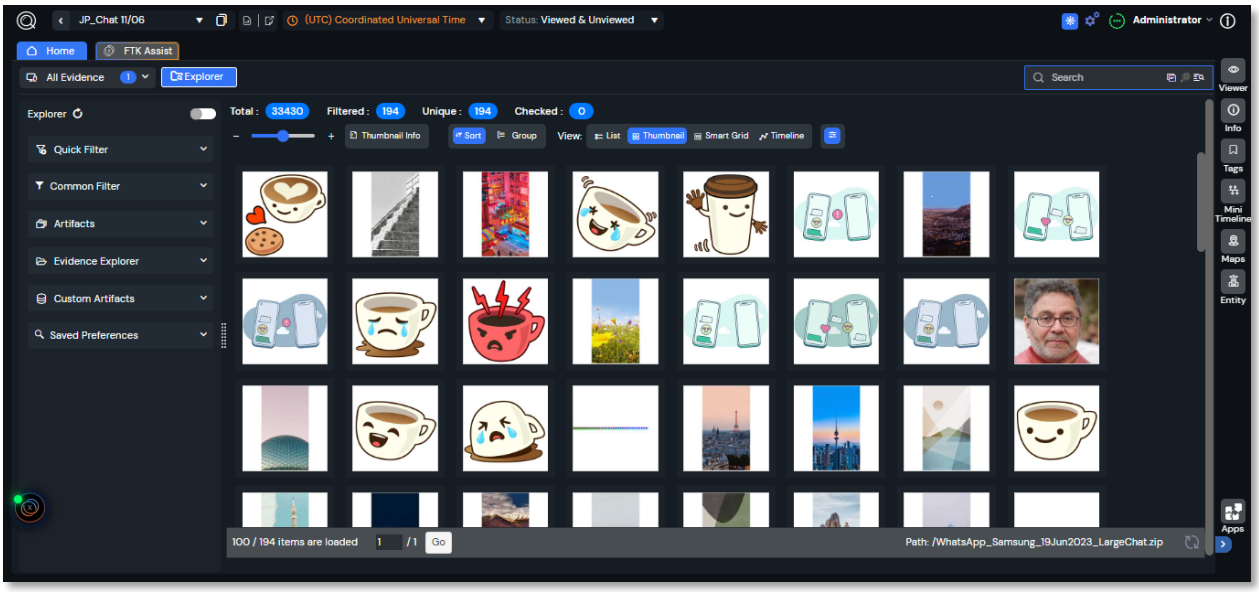
1. Media Counts in Thumbnail View

The Thumbnail View now includes a new 'Unique' count alongside other file counts, allowing investigators to instantly identify original media files based on content hash values within the active filtered view. This delivers immediate clarity when working with media-heavy datasets, making it significantly easier to assess and report distinct files in line with CSAM legal scoring requirements.



2. Infinite Scroll Framework for Thumbnail View

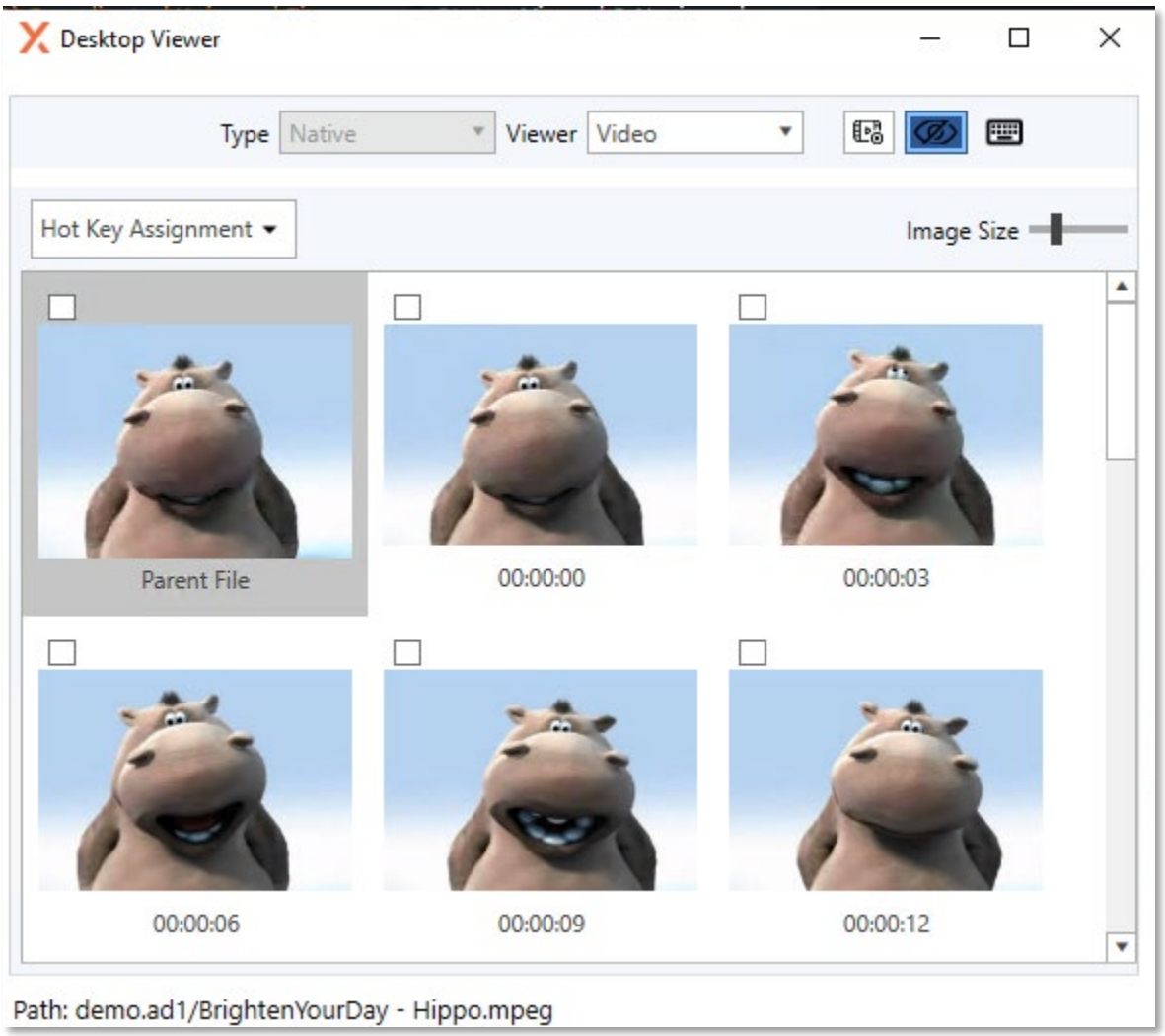
The Thumbnail View now features an infinite scrolling framework that automatically fetches and continuously loads images as you scroll down the page. This optimization replaces traditional, multi-click manual pagination, removing the lag when clicking from page to page navigation.



To ensure flexibility, a quick-jump page navigation box remains integrated into the bottom control panel. After scrolling through the list, investigators can type a target page number and click 'Go' at any time to instantly jump straight back to a specific sector of their image collection.

3. Video Thumbnail Review in Desktop Viewer

The Desktop Viewer has been enhanced to display the thumbnails generated for video files in FTK Central. This enhancement allows you to evaluate media, apply review decisions, and manage labels or bookmarks for the thumbnails in Desktop Viewer while keeping all actions seamlessly synchronized with the parent video file viewer of main FTK Central user interface.

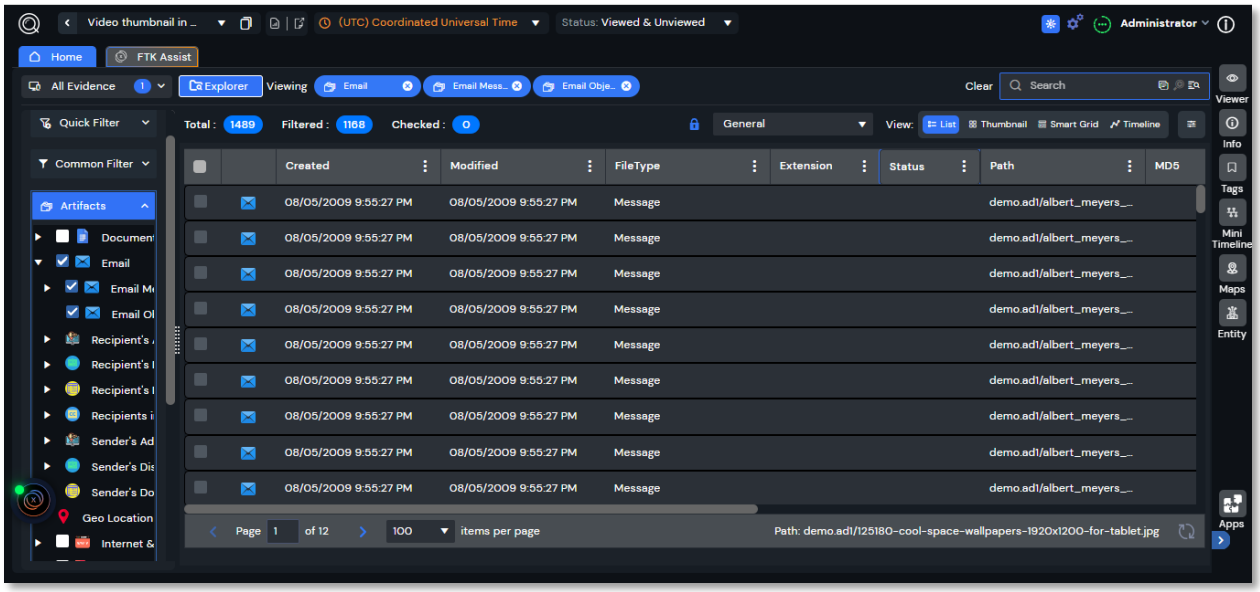


4. The default sort order for Thumbnail View is set to descending logical size. This modification instantly surfaces large videos and photos first while pushing low-value system thumbnails to the bottom.

1.4.4 General

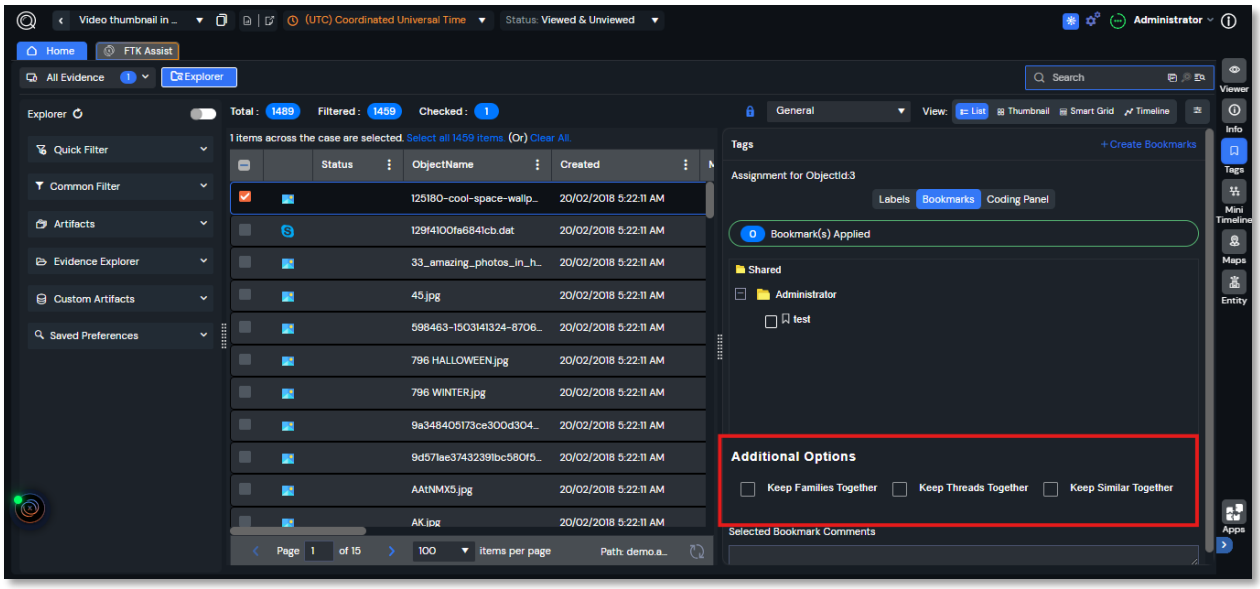
1. Enhanced Column Grouping

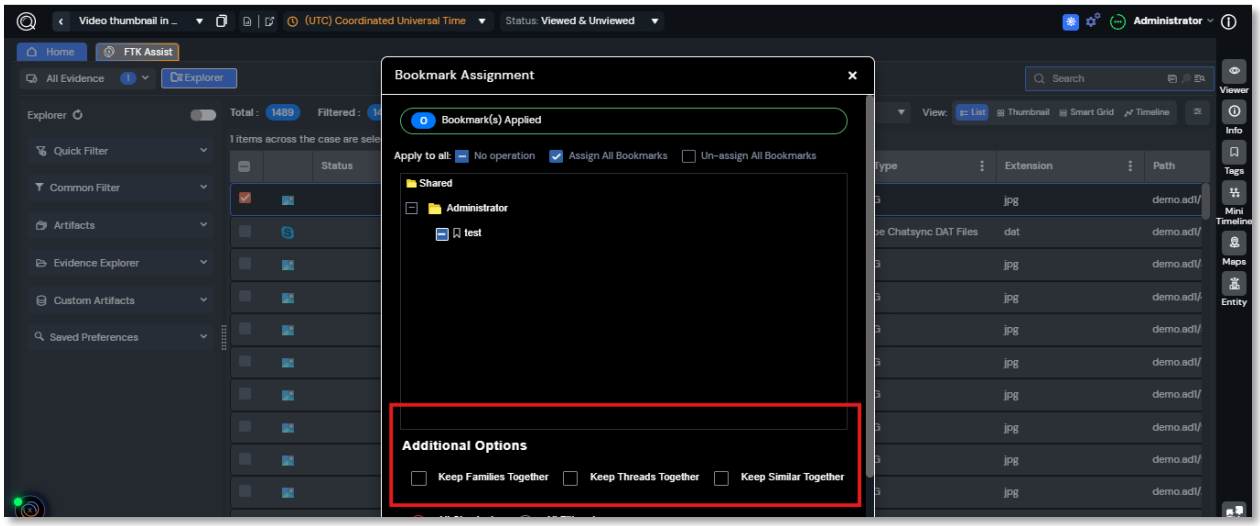
To maximize workspace efficiency, the metadata columns such as Label, Object ID, and Object Name have been moved to the end of the grid display across some node types. By automatically prioritizing primary investigative columns first, the interface now displays high-value (more frequently used) content immediately across system summaries, messages, emails, and internet artifacts.



2. Relationship-Aware Bulk and Single-Object Bookmarking

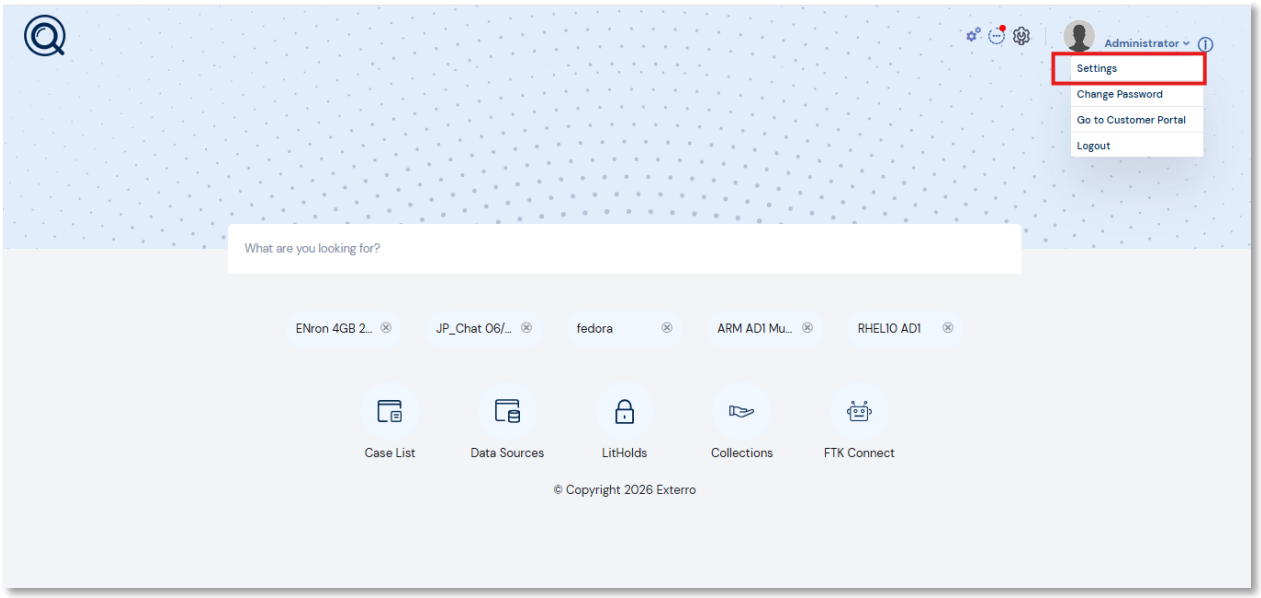
Bulk and single-object bookmarking now support relationship-aware grouping options. Investigators can now apply a bookmark to selected objects and automatically apply it across entire file families, email conversation threads, or similar file groups by enabling the corresponding options in the newly introduced ‘Additional Options’ field in the ‘Bookmarks’ section of ‘Tags’ pane.

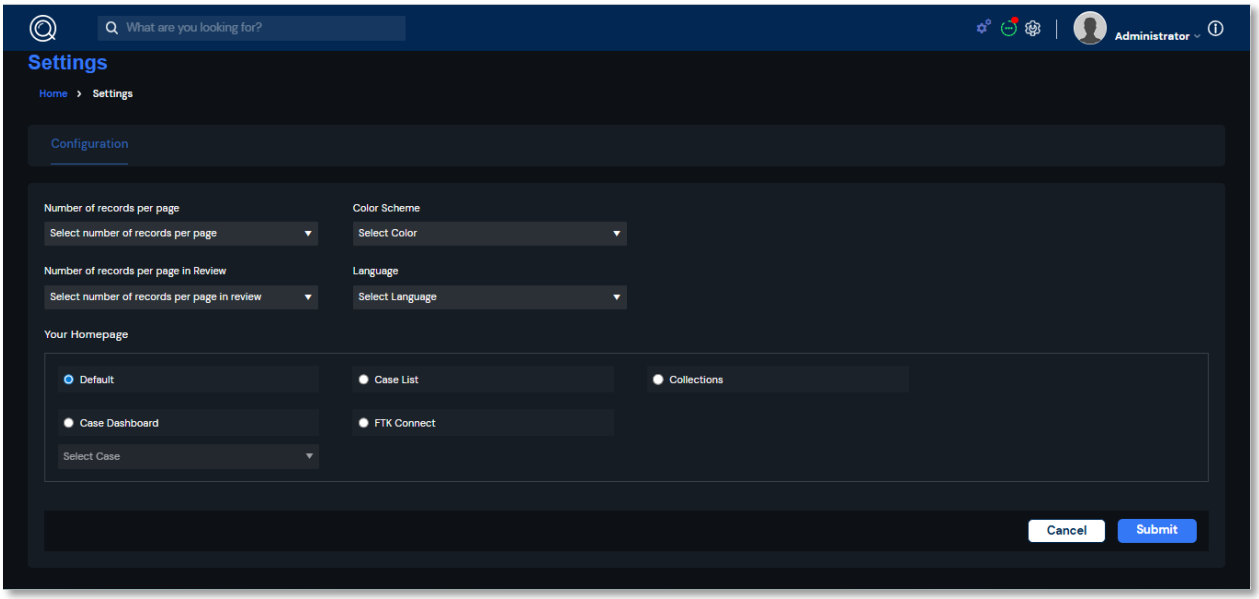




3. User Profiles & Personalization Settings

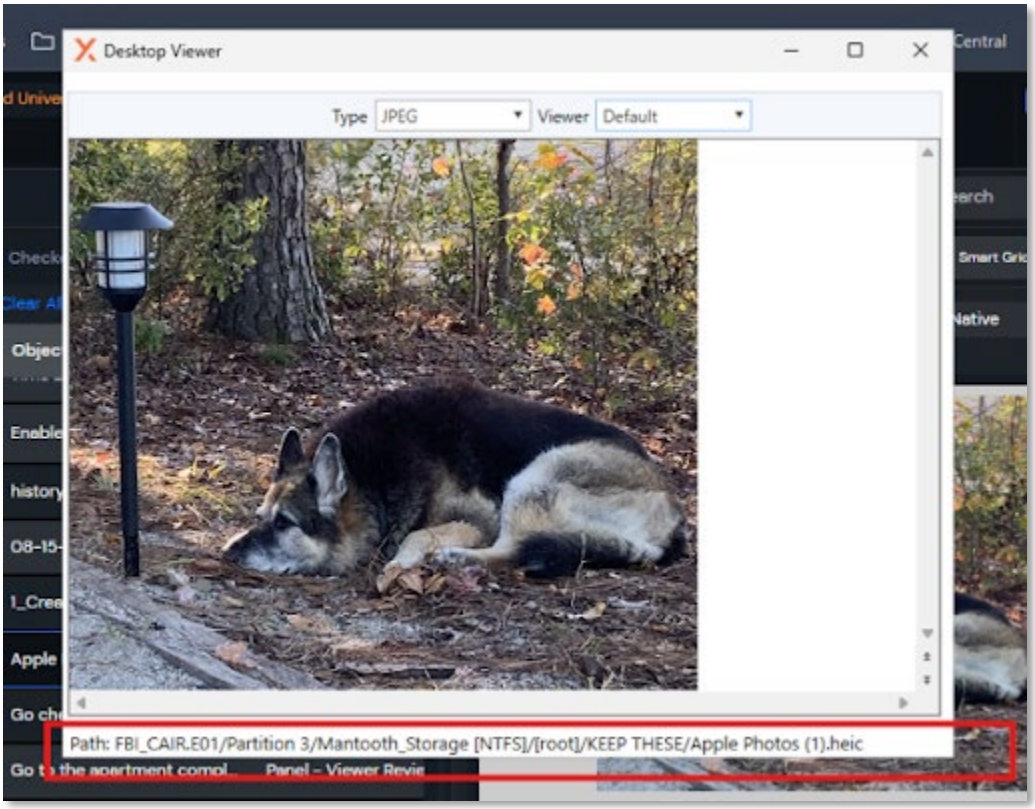
FTK Central now features a new Settings page within the user profile menu, allowing you to customize workspace preferences including the number of records per page, color theme, language, and default homepage. Preferences are saved to your user account and automatically applied across sessions.



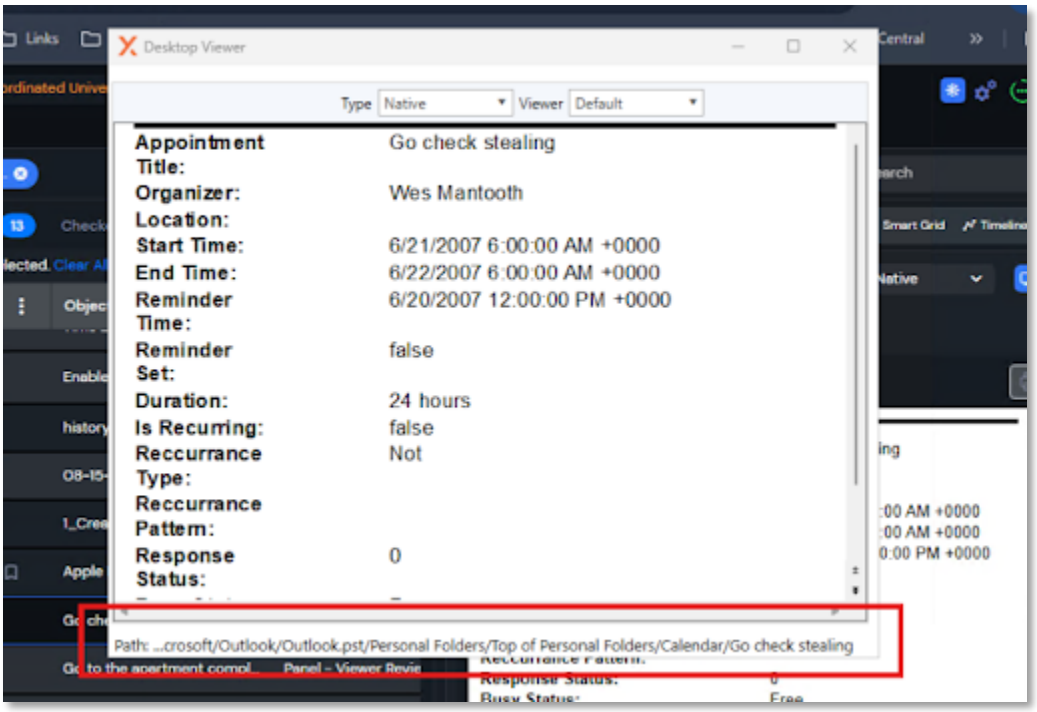


4. Inline Evidence Path Tracking in Desktop Viewer

The Desktop Viewer interface now displays the full, exact file path of the active file directly within its window. This provides immediate contextual awareness regarding the source and location of your evidence.

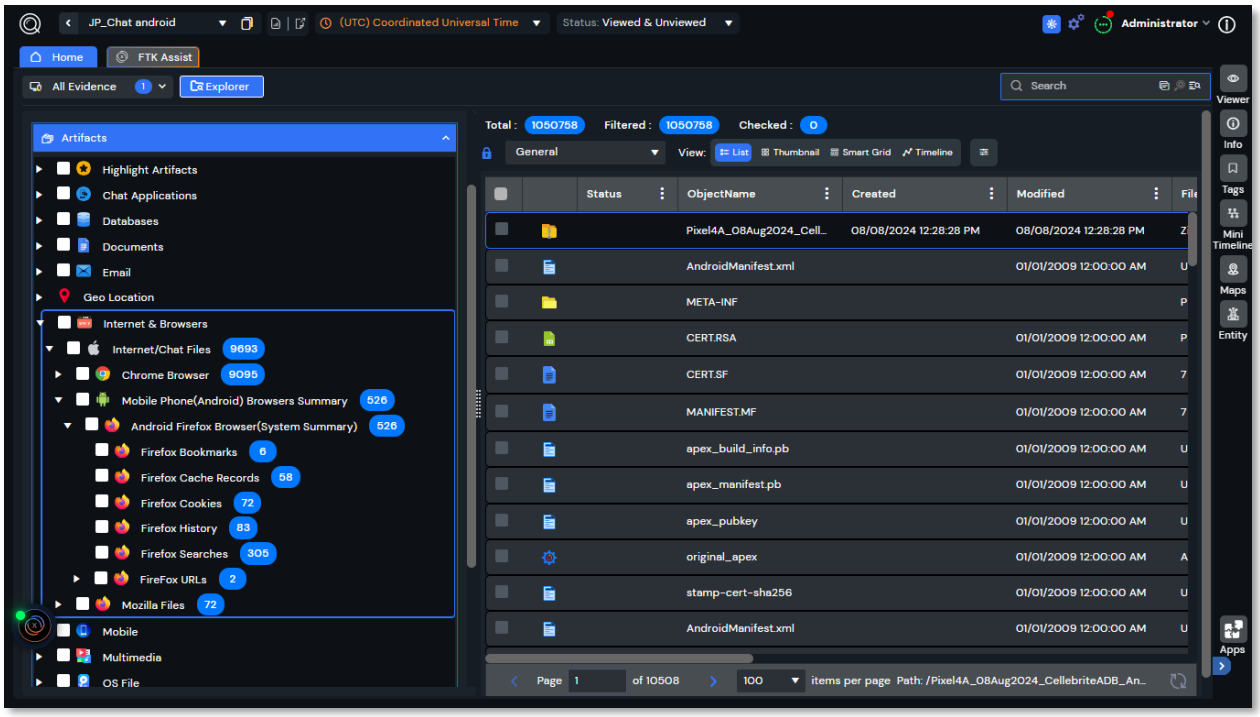


If a file path is longer than the viewer window, the path will intelligently truncate with an ellipsis (...) at the beginning, ensuring the core filename and ending folders remain visible. To see the full path, you can simply hover your mouse over the path to reveal an interactive tooltip showing the complete, unedited file path.



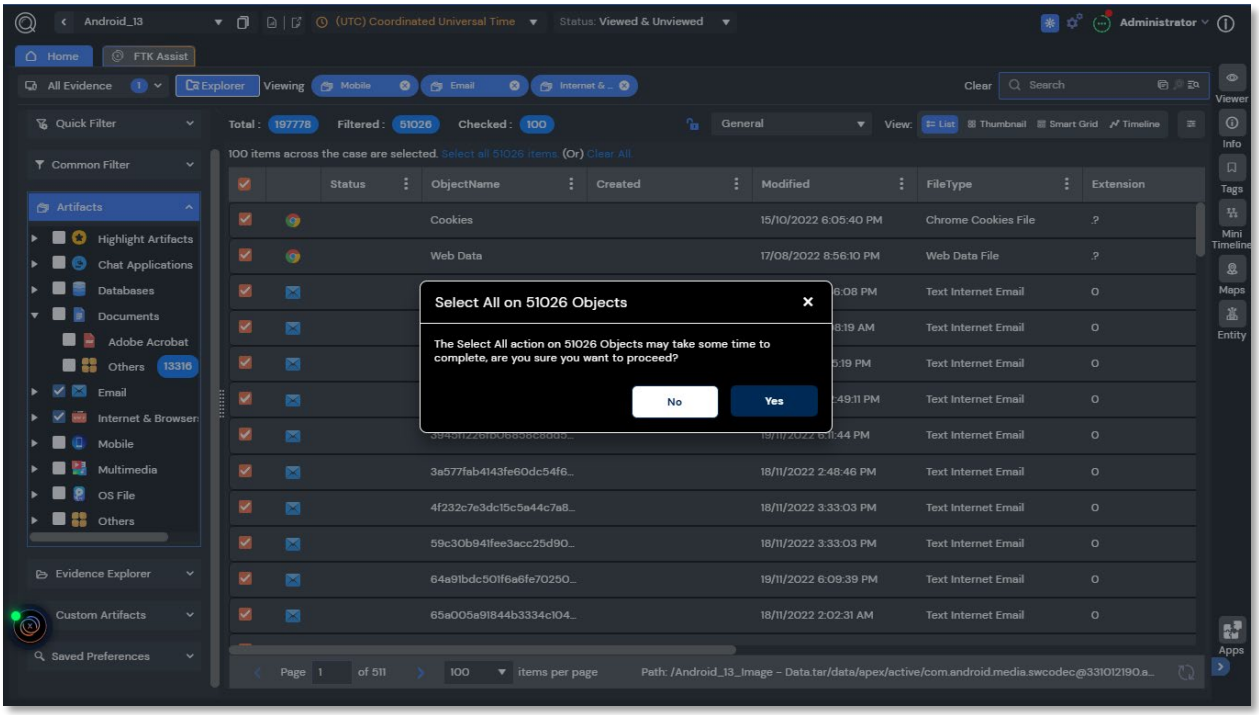
5. Improved Categorization of System Summary Data

The artifact filter layout has been redesigned to automatically organize System Summary data into dedicated, logical categories and subcategories. The system groups related artifacts under distinct mobile, browser, and system parent nodes, allowing you to instantly isolate device-specific details without scanning disorganized lists.



6. Improved Handling of Large-Scale Select All Operations

The bulk files selection process in the FTK Central review page has been greatly upgraded. When an investigator selects more than 50,000 items at once, the platform automatically displays a confirmation prompt and routes the process as a background job, protecting system responsiveness while providing full monitoring and cancellation controls through the Job Queue.

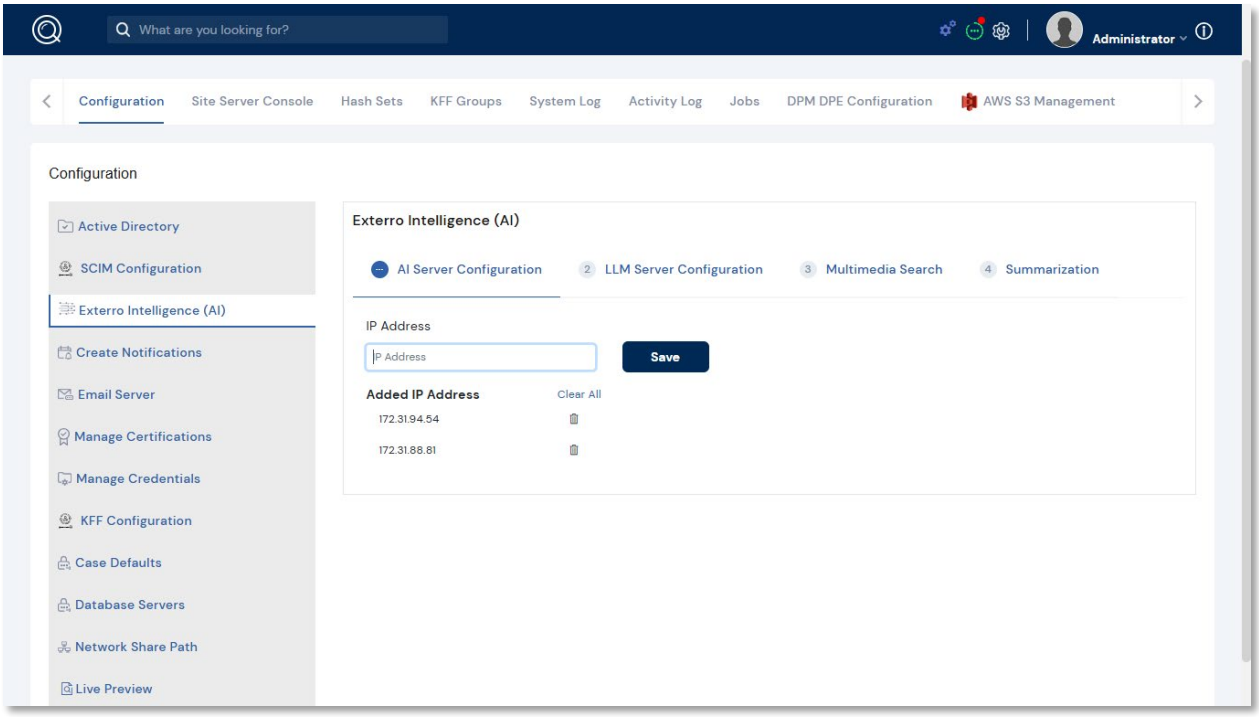


7. Centralized AI Server Configuration in System Management

Administrators can now manage and scale AI processing endpoints directly through the FTK Central user interface under **System Management > Exterro Intelligence (AI)** section. You can configure the endpoints from the following new tabs introduced in the Exterro Intelligence (AI) section:

- AI Server Configuration
- LLM Server Configuration

This update eliminates the need to manually edit backend configuration files, allowing you to add, modify, or remove multiple AI server IP addresses seamlessly. Moreover, changes made via UI views and underlying system files are perfectly synchronized.

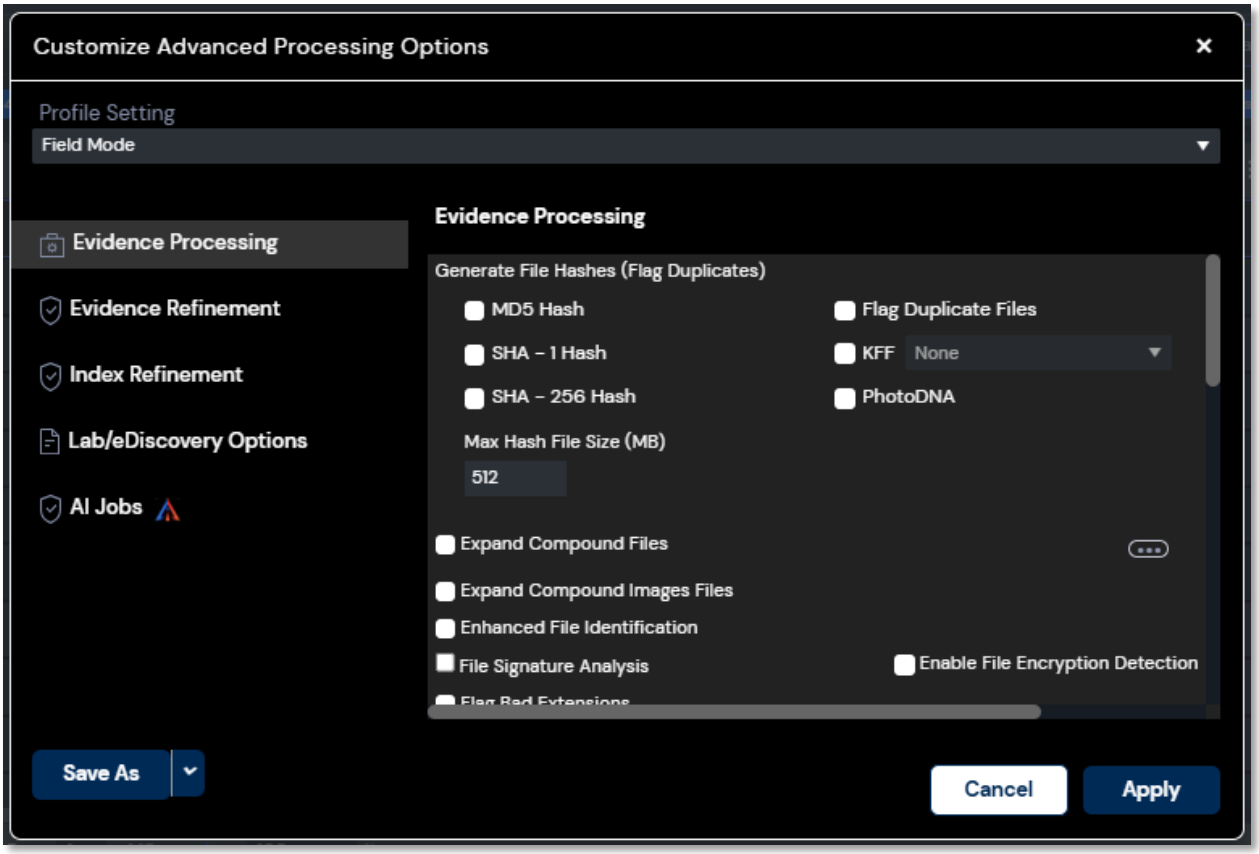


Notes:

- *All configured AI servers must be connected to the same database server. AI processing will only function correctly when every AI server in the configuration points to a common Postgres database instance.*
- *When multiple AI servers are configured with the same database connection, AI jobs are distributed across the available servers to balance workload, improve processing throughput, and optimize resource utilization.*

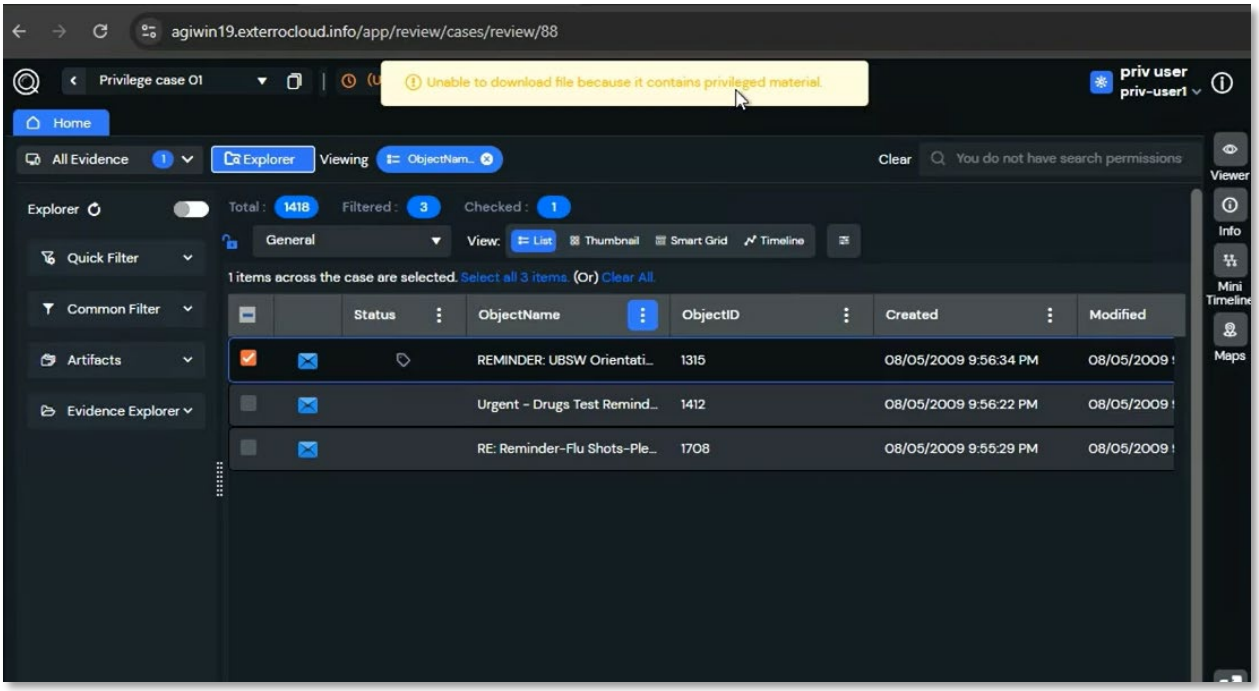
8. Configurable Hash Processing Thresholds

Data ingestion workflow now includes a configurable **Max Hash File Size** option within the Evidence Processing settings. This feature gives investigators precise control over hash generation by establishing a size threshold, ensuring that files exceeding the specified limit skip the resource-intensive hashing phase while continuing to process normally.



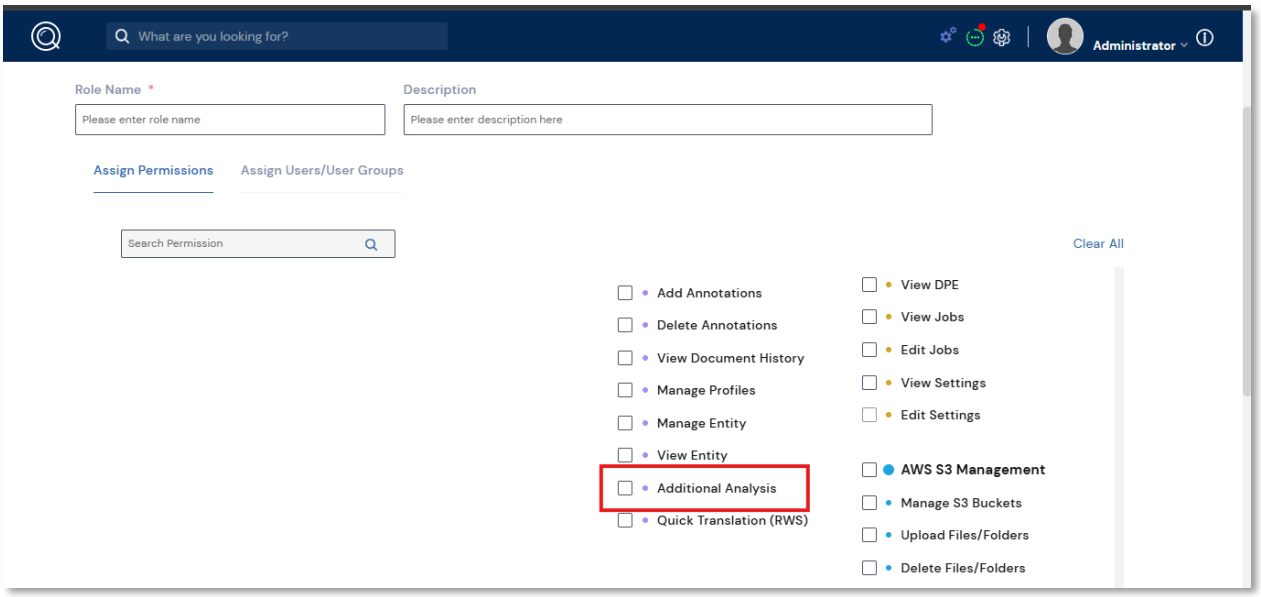
9. Prevent Download of Parent Objects Containing Privileged Content

A powerful compliance safeguard that prevents privileged content from being inadvertently exported or downloaded has been introduced. With this enhancement, when you try to download containers (like a ZIP archive, PST mailbox, or full chat thread) files that consist of privileged files, the system automatically prevents users from downloading it to prevent accidentally exposing restricted legal data.



10. Additional Analysis Permission for Reviewers

A new 'Additional Analysis' permission is introduced within the 'Search & Review' permission set to give reviewers more operational flexibility without compromising security. With this enhancement, only users enabled with this permission can run targeted processing tasks like OCR and language translation directly from the Review page.

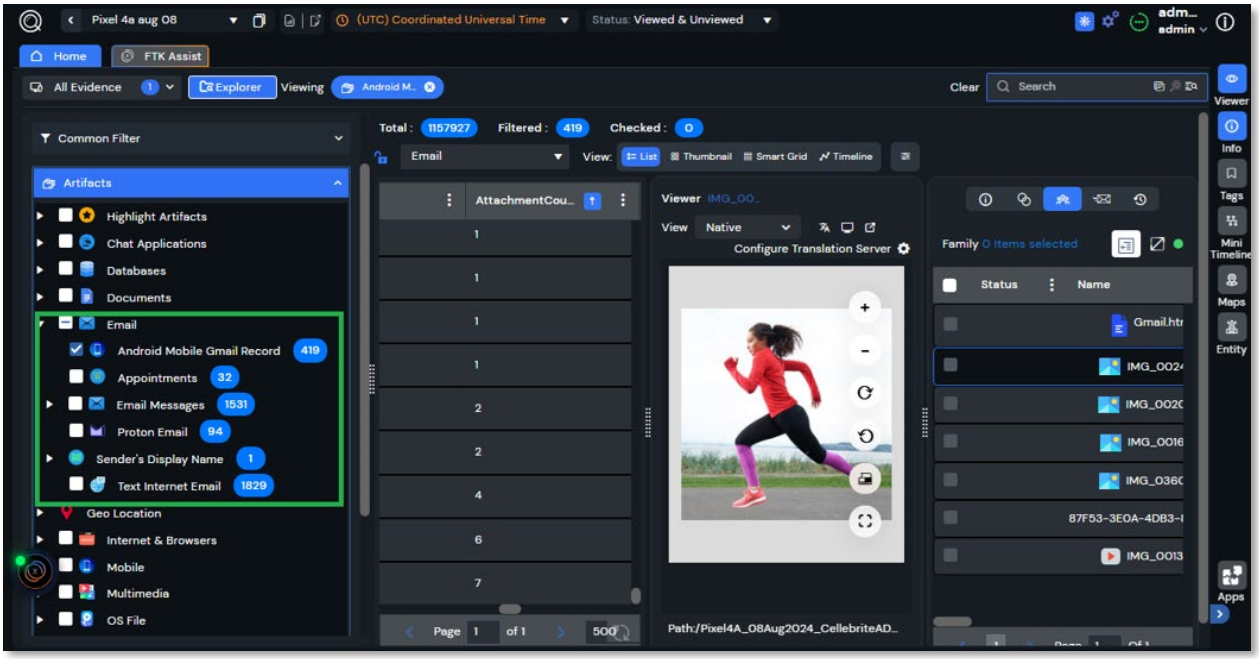


11. Expanded Syslog Audit Events

The Audit Events information have been significantly expanded to route a wider range of security, user, and administrative events to external Syslog systems through log4net. This enhancement ensures that critical platform changes and user actions are captured in real time, giving security teams the complete visibility required to meet strict compliance, governance, and monitoring standards.

12. Mobile Email Attachment Support in FTKC

FTK Central now automatically detects and populates supported mobile email applications, such as Gmail and Proton Mail, directly within dedicated nodes under the Email section during the processing of iOS and Android data sources. Any attachment extracted from these mobile apps including common image, audio, video, and document formats is automatically categorized and displayed within its respective application node. This allows investigators to browse the Email module, navigate straight to the specific mobile email node, and instantly access all associated files in one spot.



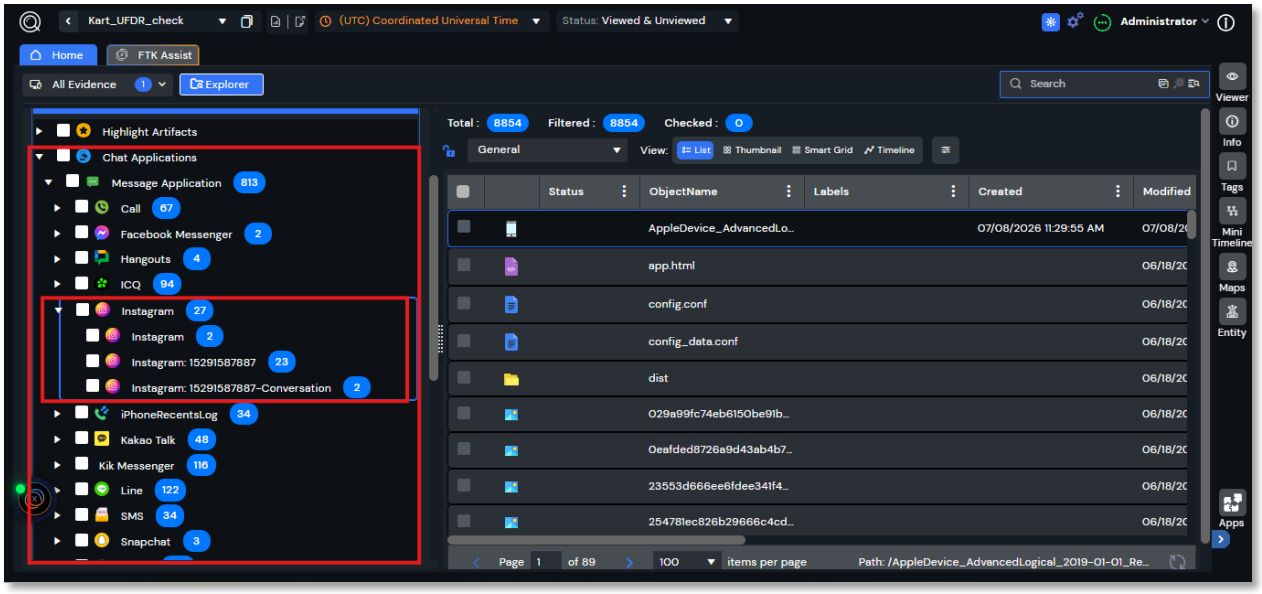
13. Improved Performance of PDF Translations

The process of translating PDF files in FTK Central has been greatly enhanced, For better efficiency during the OCR processing, only the plain text content of the PDF will be extracted and sent to and received from the RWS site. By switching to plain text extraction, the system completely bypasses unnecessary OCR processing and document layout preservation.

Note: In a future release, users will gain an optional toggle to preserve the original PDF formatting and layout, allowing a choice between maximum speed and structural appearance.

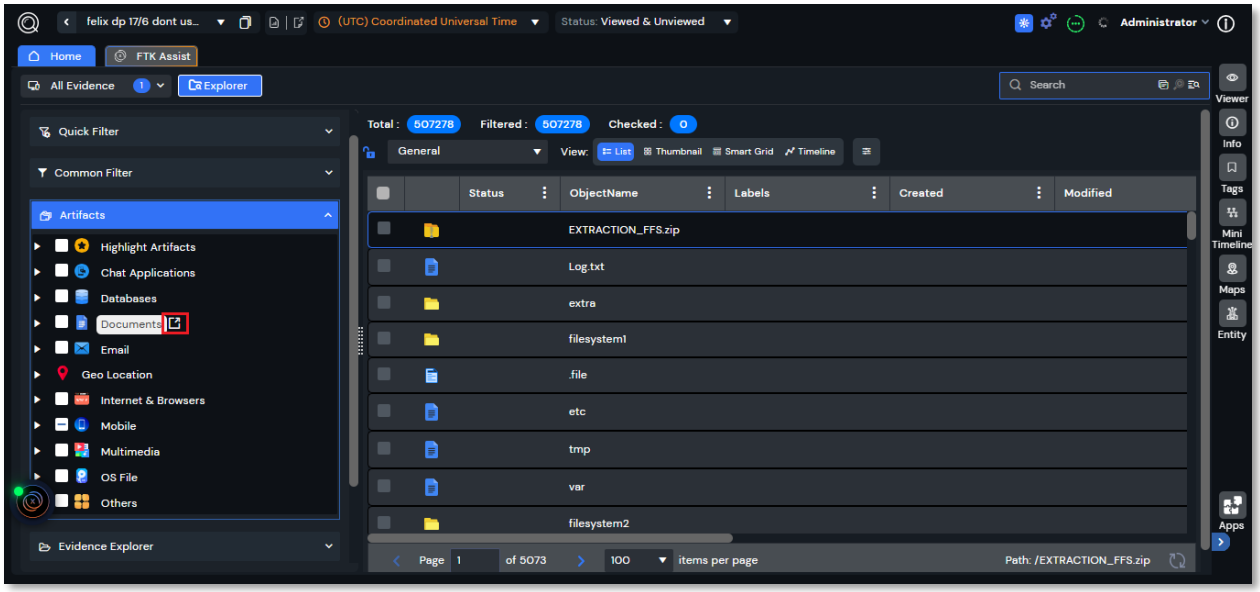
14. Chat Application Organization

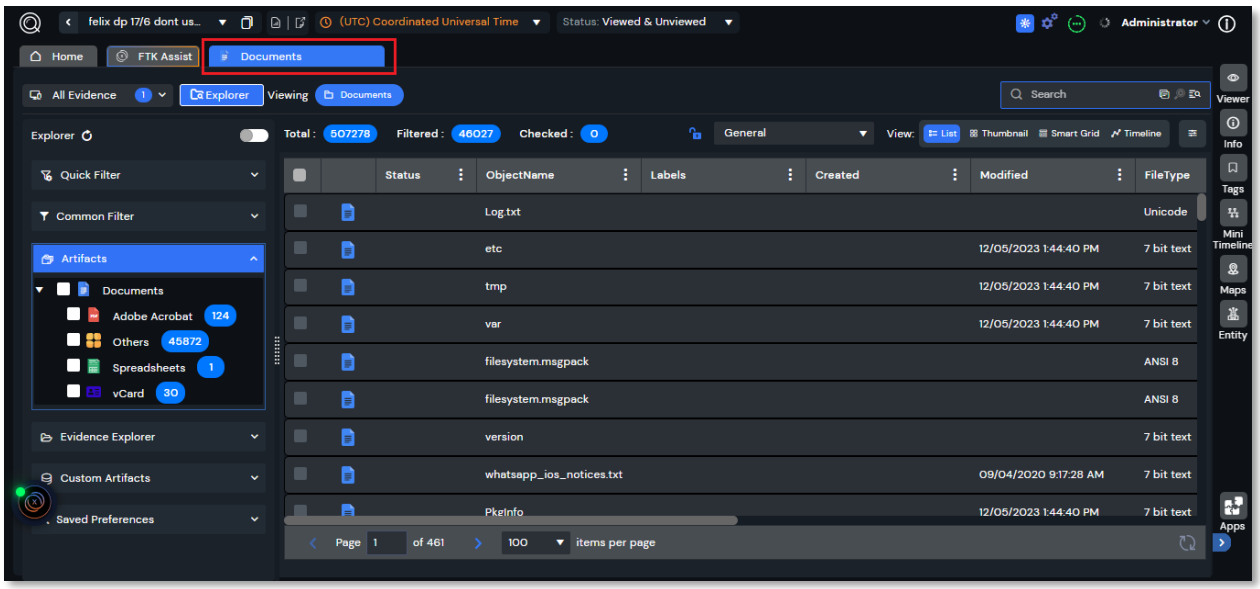
All individual filters found within the Artifacts ‘Chat Application’ filter have been reorganized and will now be categorized under their respective chat applications.



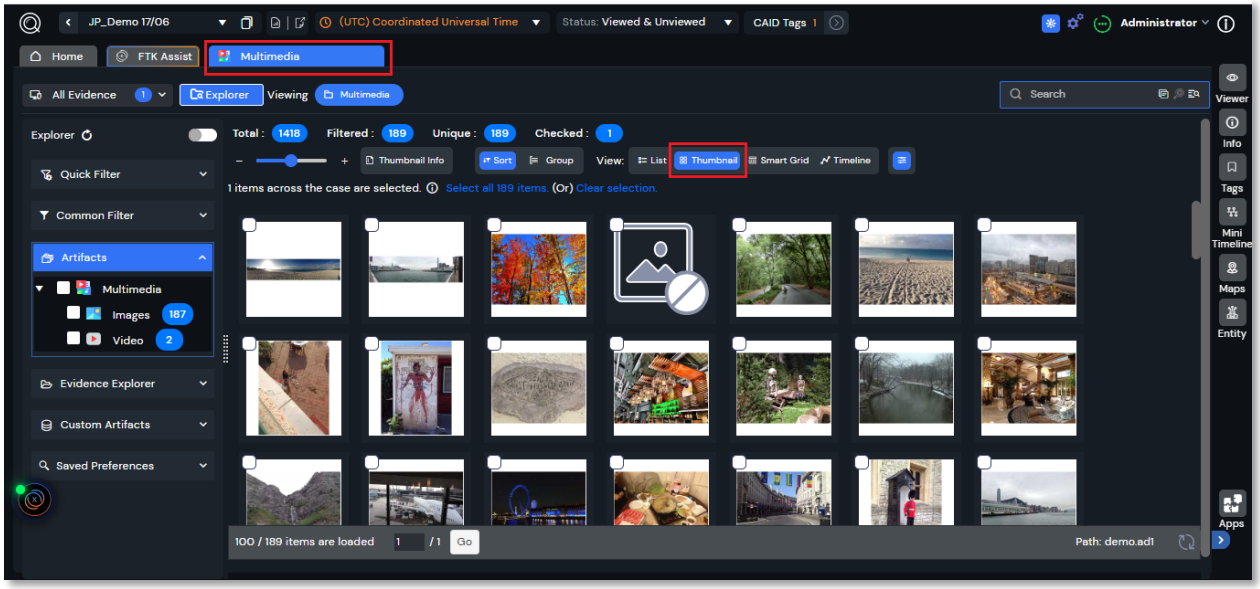
15. Dedicated Tabs for File Categories

Top-level ‘Artifacts’ filter categories can now be opened in their own dedicated tabs, focusing the view on a single evidence category without distraction from the full artifact tree. By simply clicking on the ‘Open in a New Tab’ icon against the artifact category in the Explorer pane, you can view all the files belonging to the specific artifact in a dedicated tab within the FTK Central Review page.

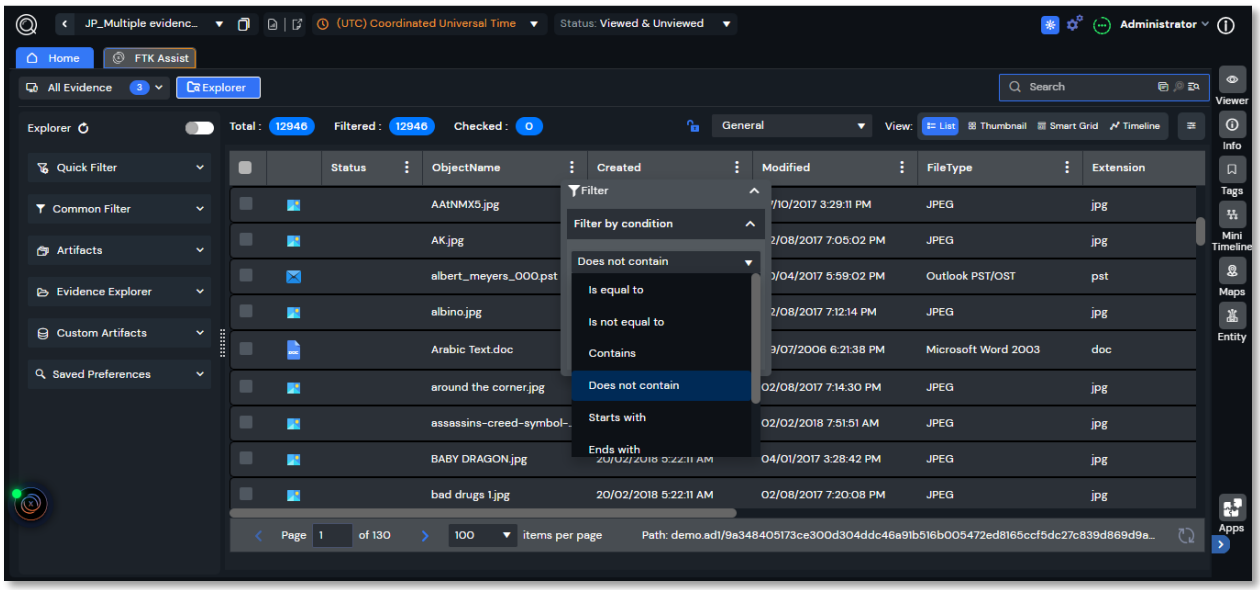




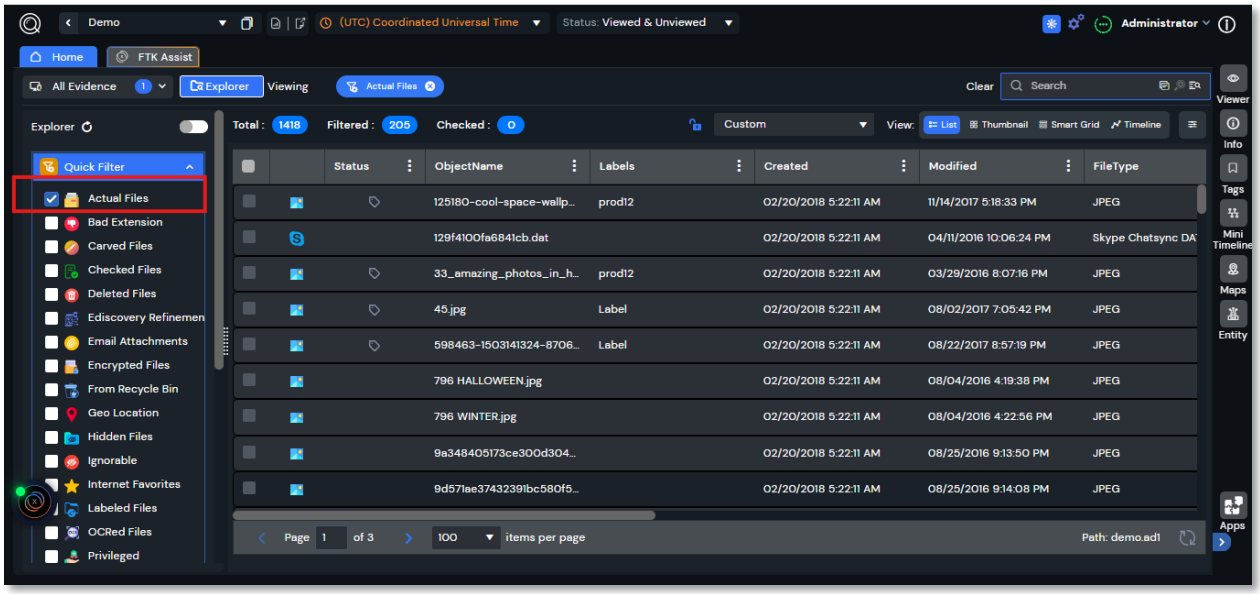
Note: *While using this feature for the 'Multimedia' category, you will be navigated to a dedicated tab with a Thumbnail View for optimized visual review. You can change to a different viewing pane, if required.*



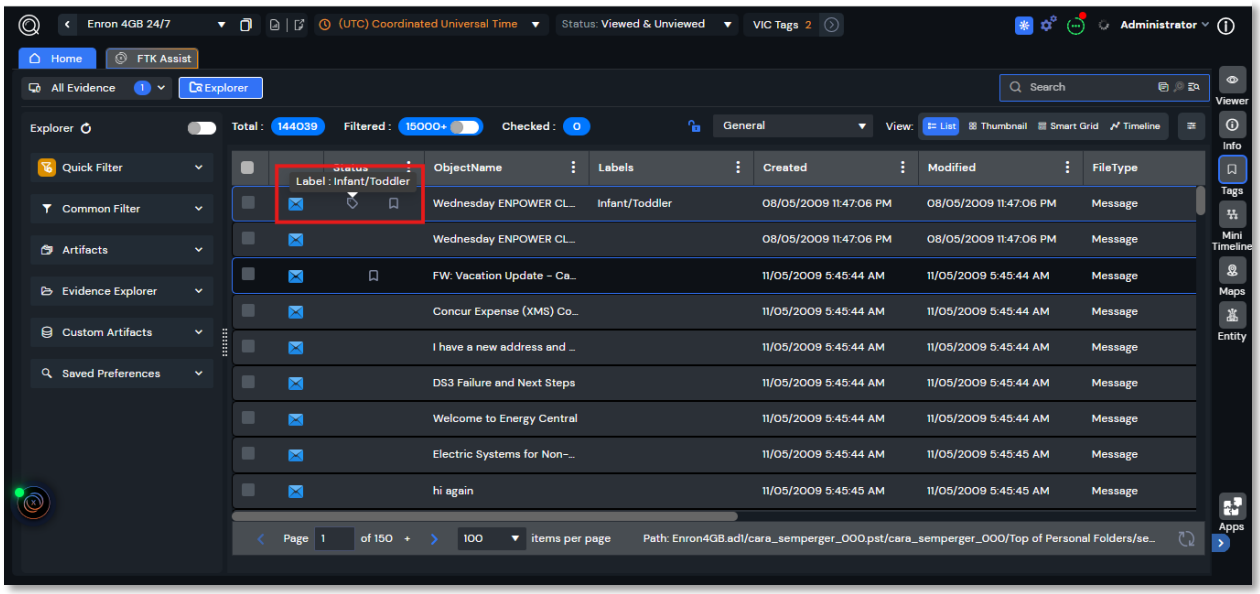
16. A new 'Does Not Contain' operator is now available within all columns, allowing you to instantly strip out known irrelevant values and clean up your active dataset.



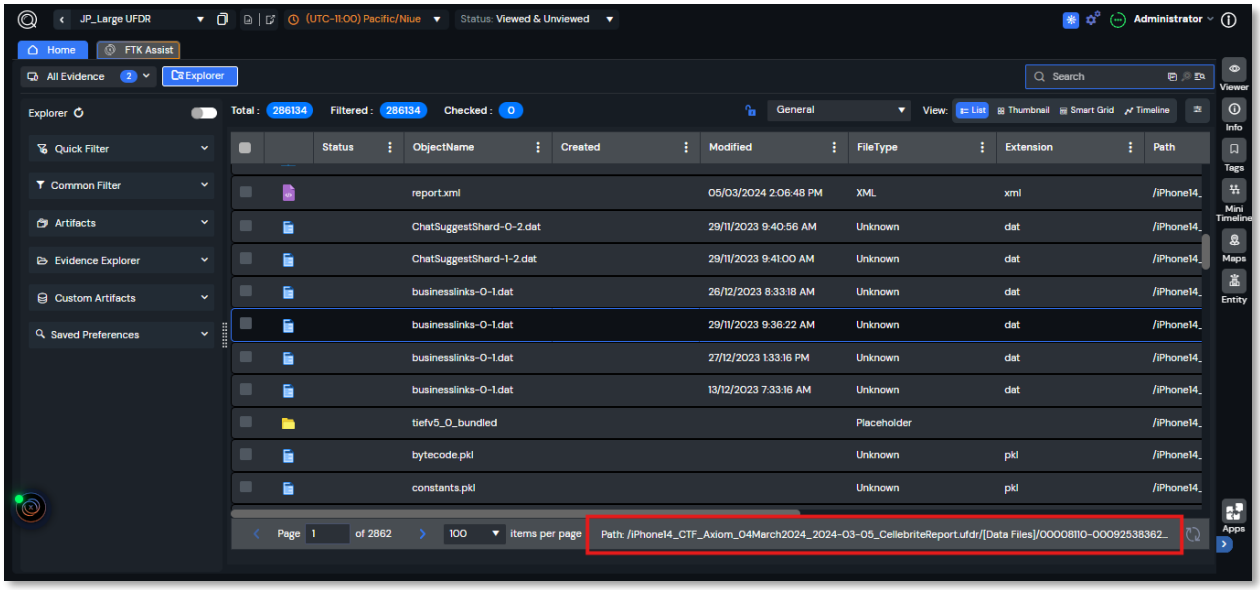
17. A new 'Actual Files' quick filter has been introduced in FTK Central to instantly hide system-generated data, metadata, and processing artifacts and focus strictly on relevant evidence.



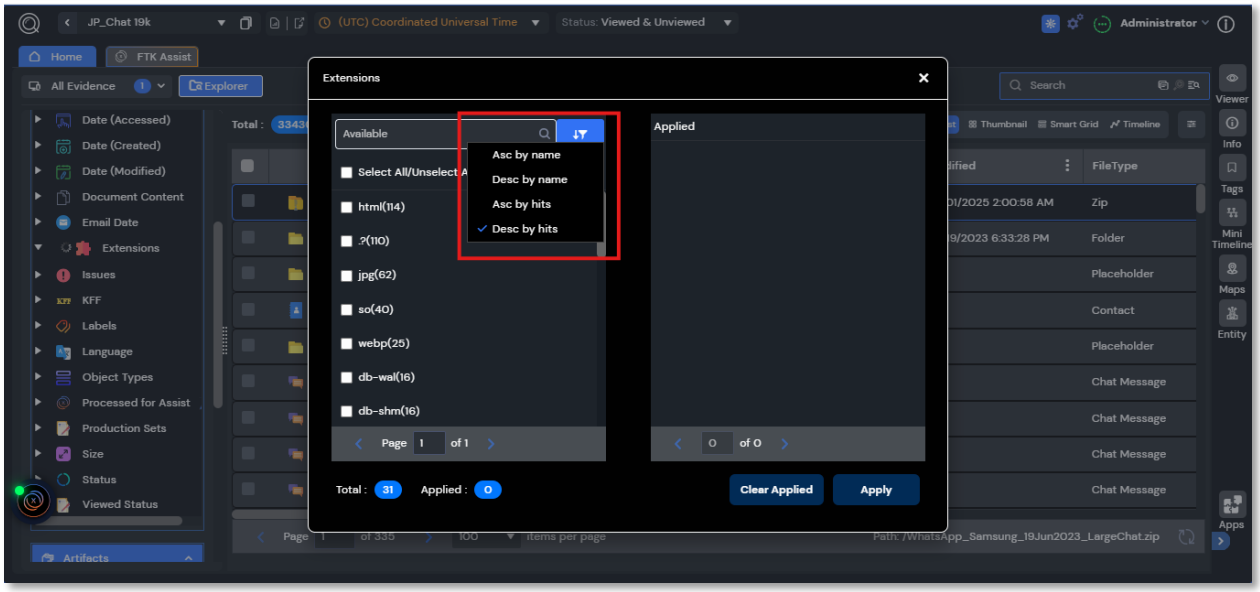
18. Full-row click targets have been added to the filter panel so that clicking anywhere on a filter's name row toggles its checkbox, eliminating the need to click precisely within the small box icon. This is applicable only for the chile nodes, not the parent nodes.
19. A new pop-up tooltip now displays the exact label and bookmark names whenever you hover over their icons in the 'Status' column against the required files in the Review page, removing the need to scroll sideways through metadata tables.



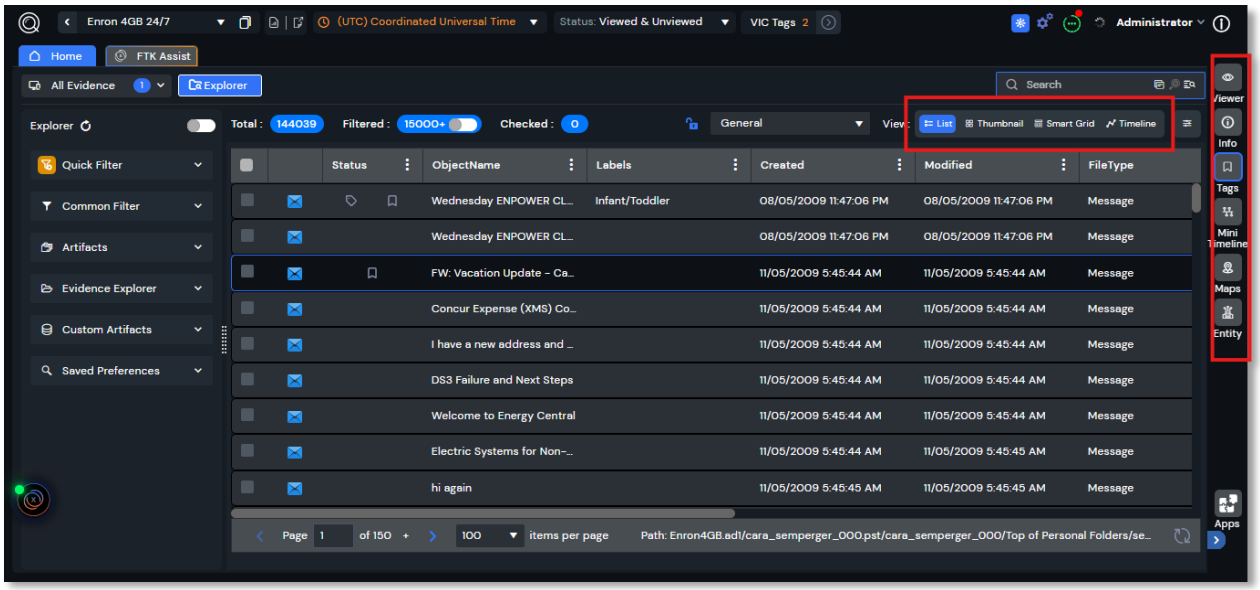
20. A persistent file path bar is now anchored to the bottom of your file list, instantly displaying the complete provenance of any selected object without requiring you to open the ‘Info’ pane.



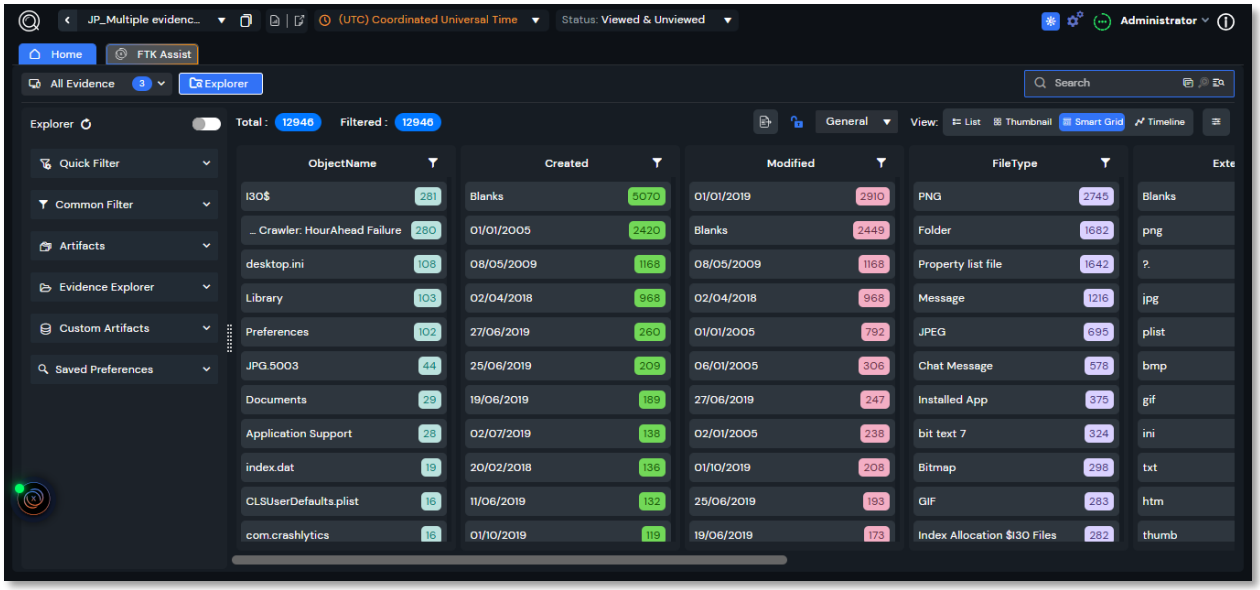
21. Advanced sorting options are now integrated inside high-volume filter window modals (opened from applicable filters in Review page), allowing you to organize available criteria instantly by alphabetical name or highest hit count.



22. Self-explanatory text labels are now displayed directly beneath all toolbar icons throughout the Review screen, giving you an instantly recognizable interface without requiring hover-over guesswork.

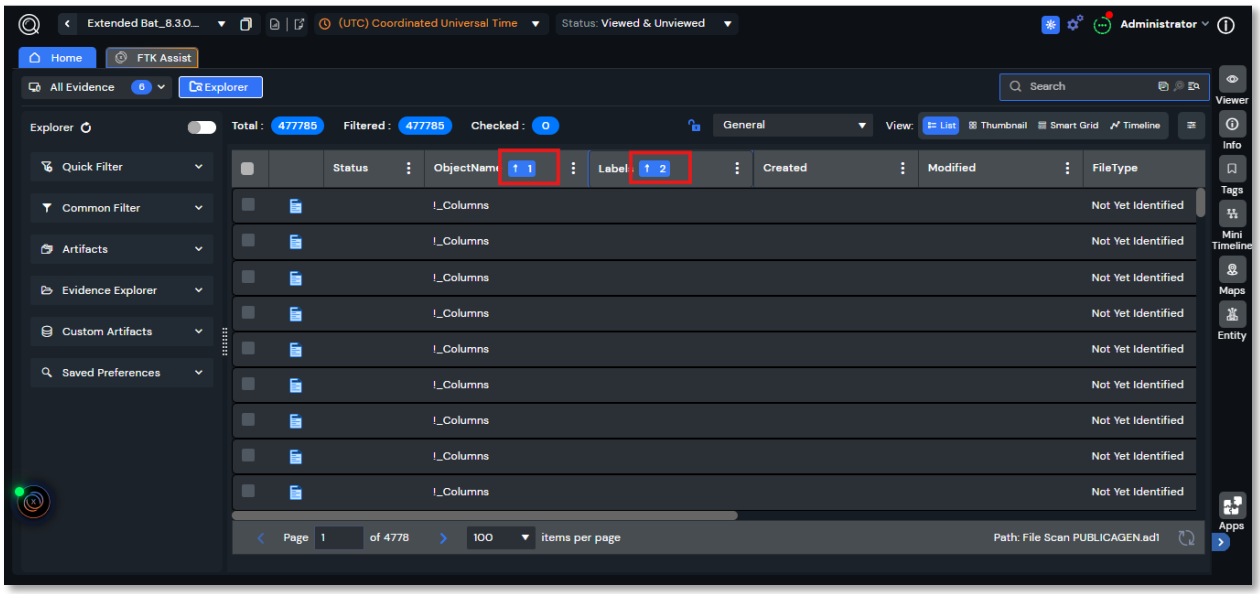


23. A standardized funnel icon has been implemented as the Smart Grid filter button, clearly distinguishing filtering actions.



24. All open interface panes are now fully retained in the List View when you return to your workspace after popping out the Mini Timeline into a full tab, preventing your layout from collapsing and keeping your active context completely intact.

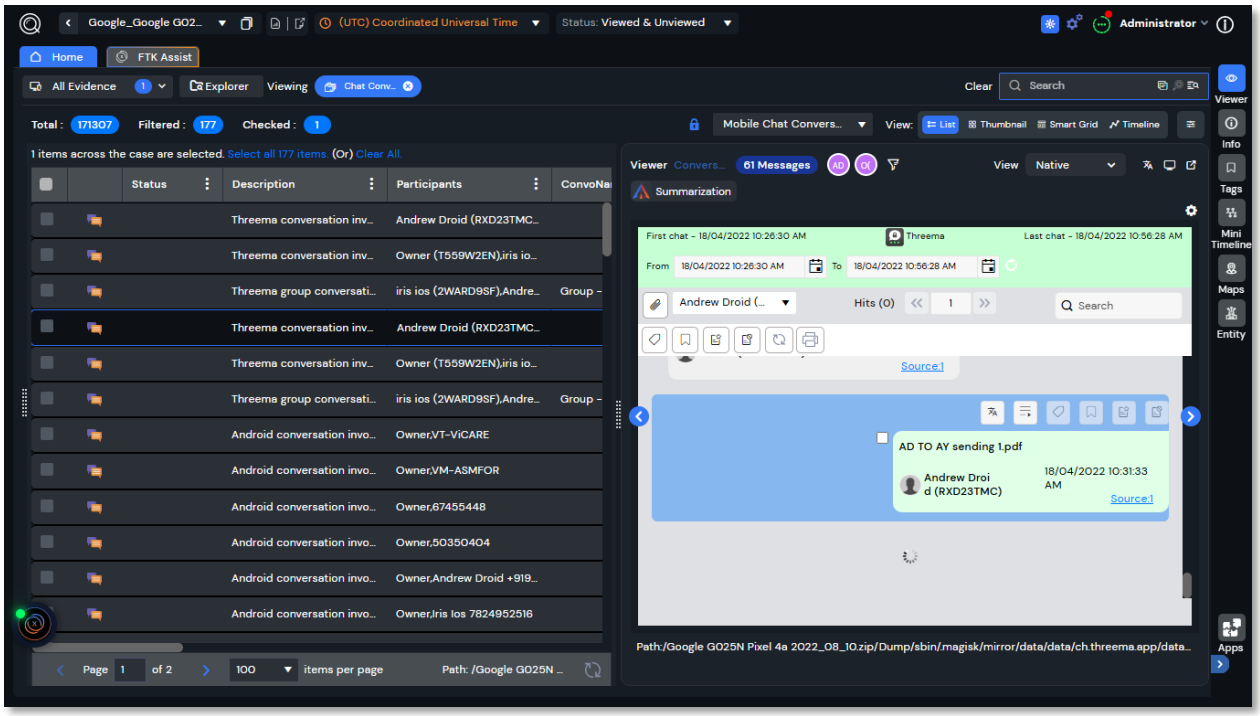
25. The FTK Central Review page now provides enhanced visibility into nested sorting. Sorted column headers are highlighted, and each header displays a sequential number indicating its position in the nested sort order, making it easy to identify the primary, secondary, and subsequent sorting levels. ***(FTKC-47686)***



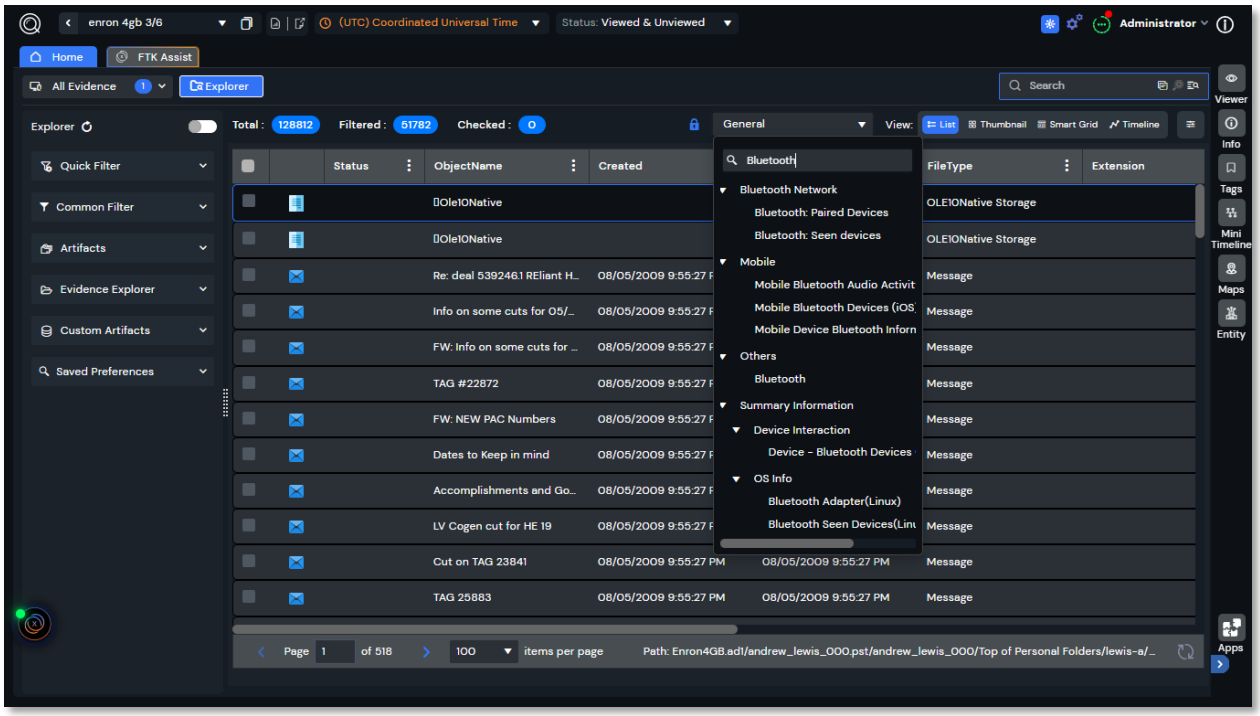
FTK Suite has been enhanced to record logs of the following actions in addition to the exiting actions: ***(FCR-68189)***

- Successful User Login
- User Logoff
- Password Reset
- Account Enabled
- Account Privilege Modification
- Account Disabled
- User Creation
- User Deletion
- Modification of Audit Log Settings
- Configuration Changes Made in the User Interface

26. A new tab, 'Volatile' has been introduced in the FTK Standalone and FTK Lab to display the volatile data (details of processes and services in an Operating System). ***(FCR-57841)***
27. FTK and FTK Central now support Microsoft SQL Server 2025, providing compatibility with the latest SQL Server release.
28. FTK Suite includes PostgreSQL 18.4 as the recommended (and bundled) database. Support has also been added for Amazon Aurora PostgreSQL, providing greater flexibility for cloud-managed database deployments.
29. A new loading indicator is displayed at the bottom of a chat conversation when an investigator scrolls through large mobile or application chat datasets. This enhancement helps users understand that they have not yet reached the end of the conversation and more messages are being loaded for their review.

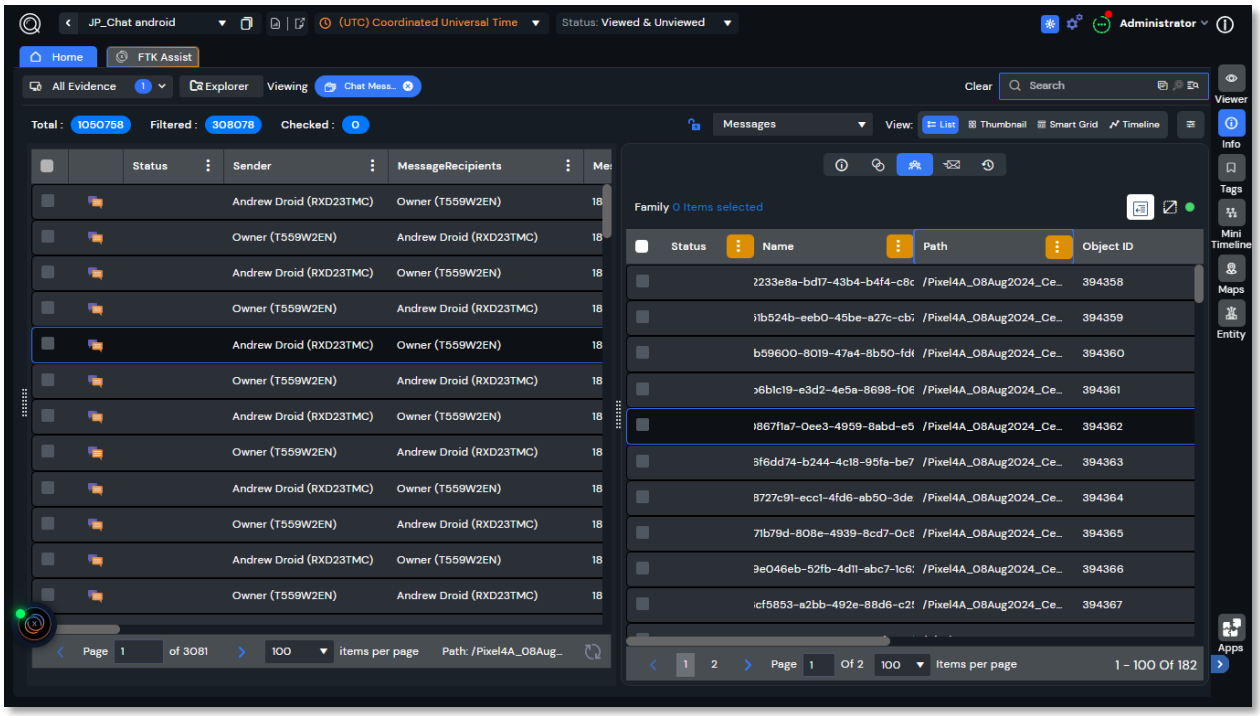


30. A new search bar now displays within the Column Set dropdown menu, automatically filtering available column sets as keywords are typed and expanding collapsed categories to immediately reveal matching results.



31. The Additional Analysis (AA) logging system has been upgraded to capture and record the complete file paths of all processed evidence files directly within the JobInformation log.
32. A new capability to support the **AVIF (AV1 Image File Format)** image format across review workflows has been introduced. AVIF images are now processed and rendered in the same manner as other supported image formats in FTK Central.
33. An automatic report template update now stores your chosen format (PDF or Word) when a template is saved, pre-selecting it next time the layout is loaded to remove repetitive setup steps.
34. A dedicated activity log for AI summarization settings is now available, providing greater visibility into configuration changes that may impact AI-generated results.
35. Detailed error reporting for BitLocker decryption failures is now available, with downloadable diagnostics accessible directly next to the failure notification.

36. The Family tab now opens with a streamlined default column layout that displays the **Status, Name, Path, and Object ID** fields upfront, providing investigators with the most relevant information immediately. Users still can customize the column layout to suit their workflows, however any configuration that differs from the default view is clearly identified through a visual indicator on the column configuration icon.

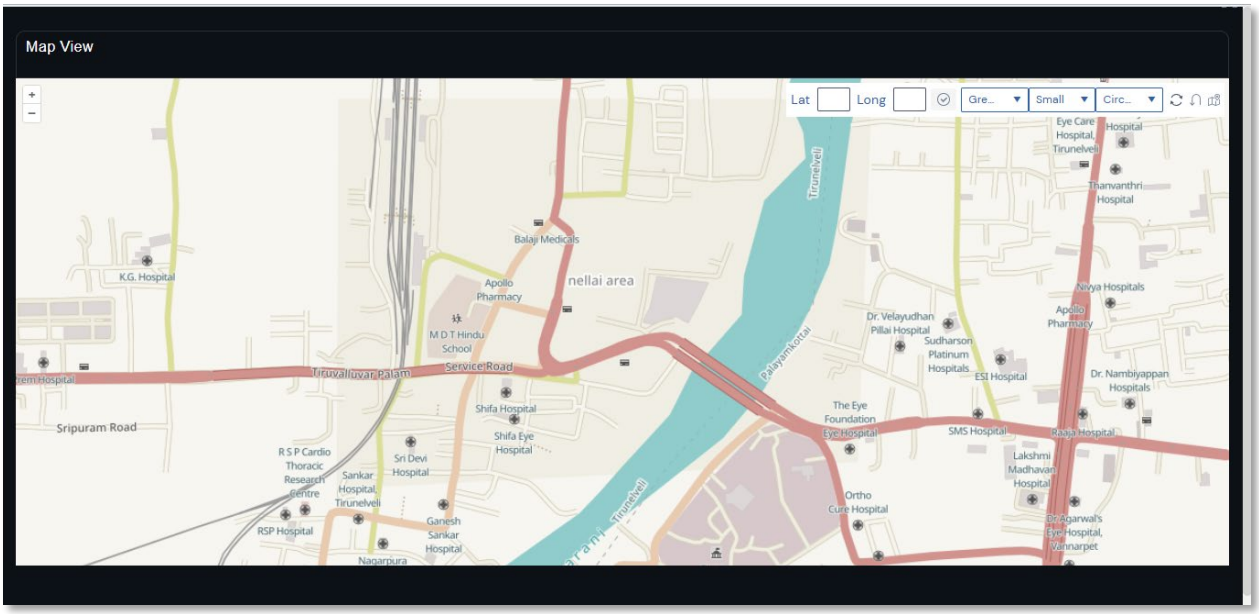


1.4.5 Maps

1. Street-Level Location Labeling in Map View

The Map View now renders street-level location labels, eliminating the need for investigators to externally cross-reference static geo-tagged coordinates.

Zooming in automatically reveals real-world labels, instantly identifying landmarks like shops, schools, hospitals, or police stations.

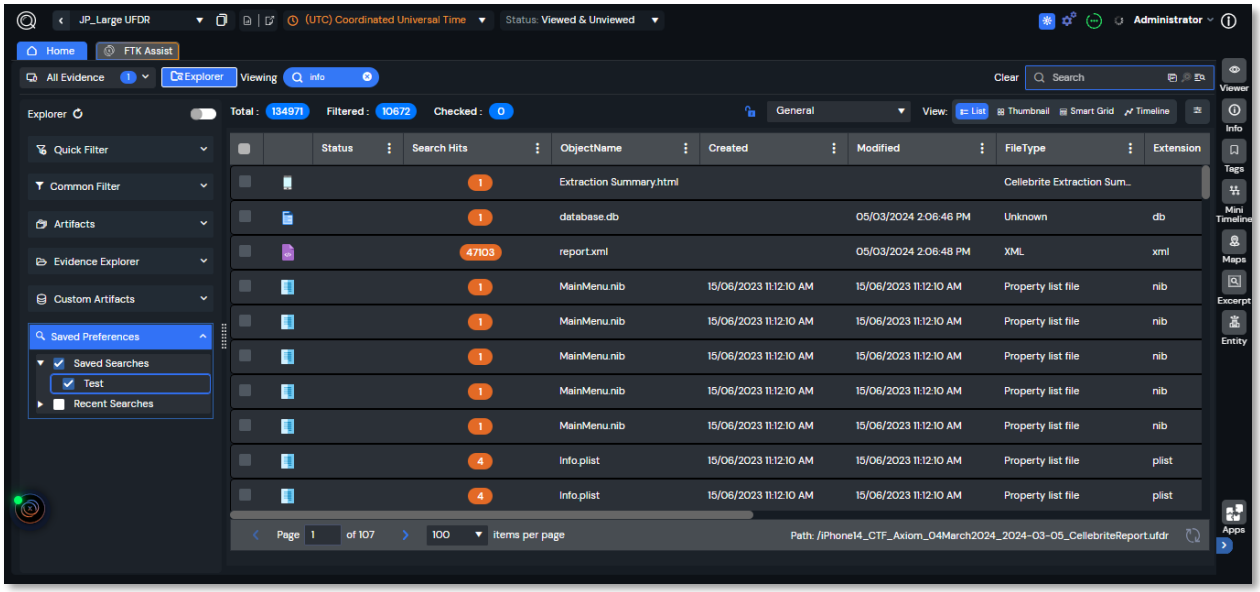


1.4.6 Search

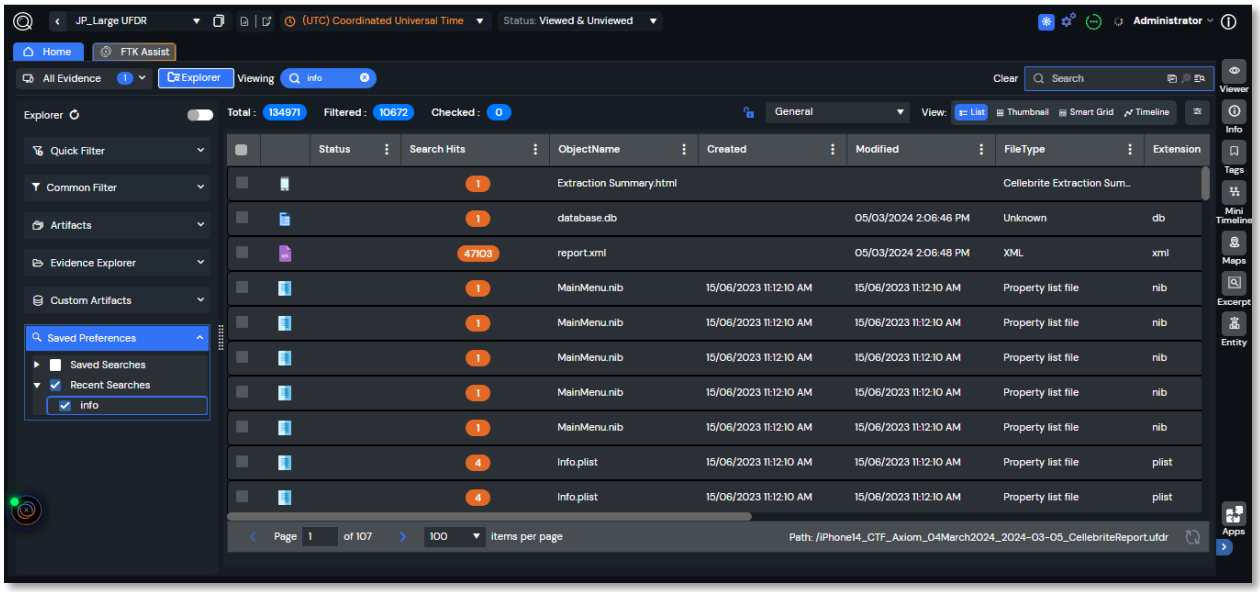
1. Saved Searches and Search History Management

A new filter section, ‘Saved Preferences’ is introduced in the Explorer pane of FTK Central Review page to perform the following filtering operations:

- **Saved Searches -** Contains all the saved searches to quickly apply and view the corresponding results. Saved searches are automatically refreshed whenever new evidence is added or the index is updated, ensuring your results always reflect the latest data available in the case.



- **Recent Searches** - Contains track of your last 10 searches. You can quickly revisit recent queries, pin frequently used searches for easy access, delete individual entries, or clear your entire search history with a single click.

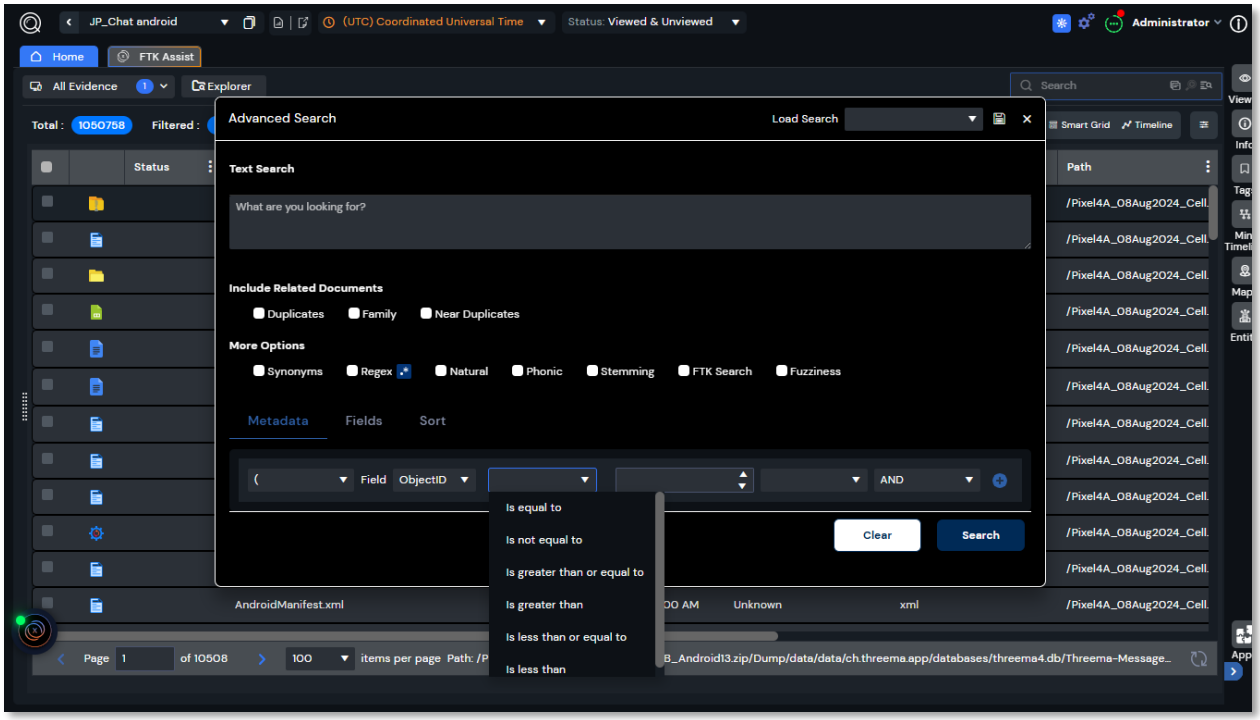


2. Synchronization of Column Filters with Advanced Filters

You can now apply and manage consistent data filters across FTK Central review page, enabled by the synchronization between all column filters and 'Advanced' filters. This enhancement allows you to maintain uniform search criteria without manually duplicating filter inputs.

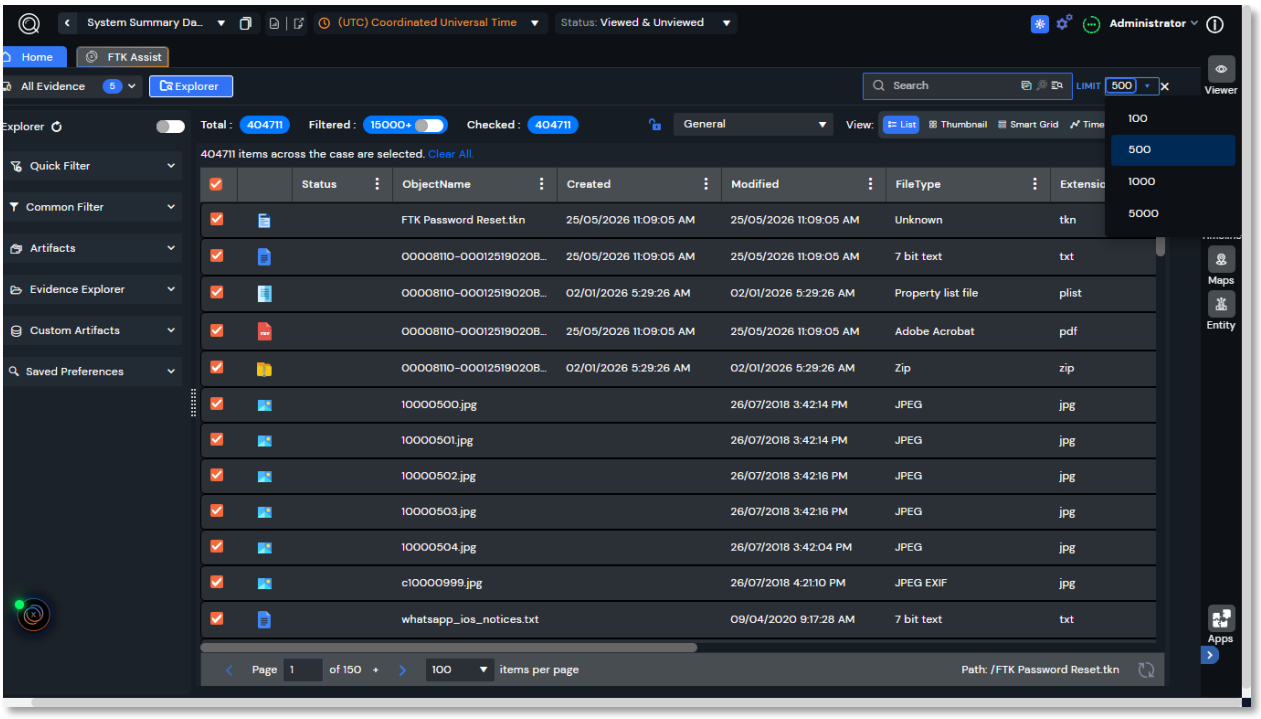
Key Benefits:

- **Improved Workflow Efficiency:** Eliminates redundant data entry by automatically aligning column filters with advanced search parameters.
- **Enhanced Data Accuracy:** Reduces the risk of conflicting criteria, ensuring precise and reliable review results.
- **Streamlined Navigation:** Provides a unified filtering interface, saving time during complex review tasks.



3. Limiting search results based on relevance

A new option to limit search results across Quick Search and Advanced Search has been introduced. You can enable this option and configure limit value in the new 'Search Limit' field displayed in the 'Case Defaults' section of 'System Management' Settings. However, you can change this limit for each search using the new 'Limit' fields displayed against the Search bar in the FTK Central review page.

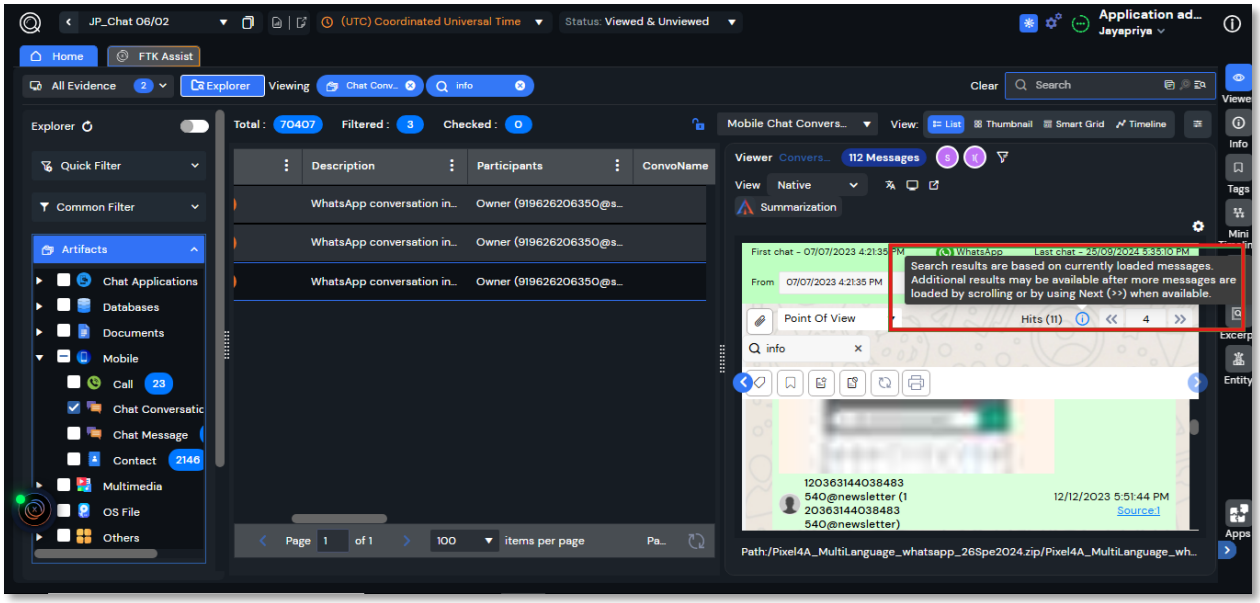


Notes:

- *Investigators can dynamically adjust or completely disable this threshold via Case Defaults as required.*
- *By default, queries return up to 500 results.*

4. Transparency for Chat Search Results

An information indicator has been added to chat search to clarify that displayed search hits are based only on currently loaded messages. An info icon now appears next to the search hit count and provides guidance when hovered, helping users understand that additional results may exist beyond the loaded content. This enhancement improves search result transparency and reduces confusion when reviewing chat search results.



5. Search Term Report Enhancements

The following updates are made in the Search Term Report generated from FTK Central to improve the accuracy and completeness of the report:

- A new column, ‘Unique Docs With Hits’ is introduced to display the number of distinct files containing at least one of the provided search terms. This prevents duplicate counting when multiple search terms match the same document.
- A new sheet tab, ‘Custodian’ is introduced to display the custodians selected as part of the search scope.

1.4.7 OCR

1. Advanced Support for OCR via ABBYY FineReader

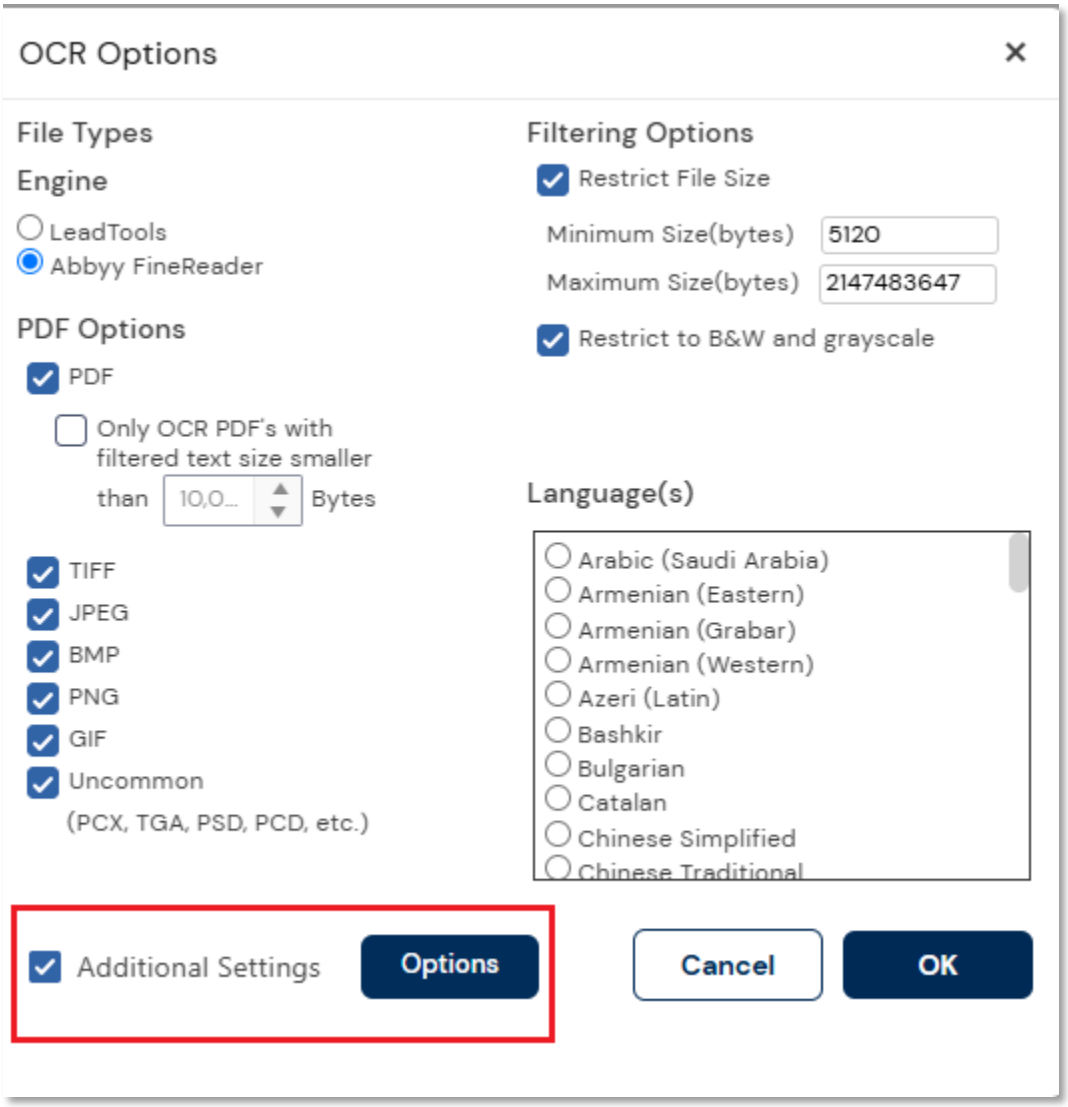
You can now fine-tune optical character recognition (OCR) operations to extract critical intelligence from media files more efficiently, enabled by the newly introduced 'Additional Settings' option on the 'OCR Options' pop-up displayed during Evidence Processing and Additional Analysis.

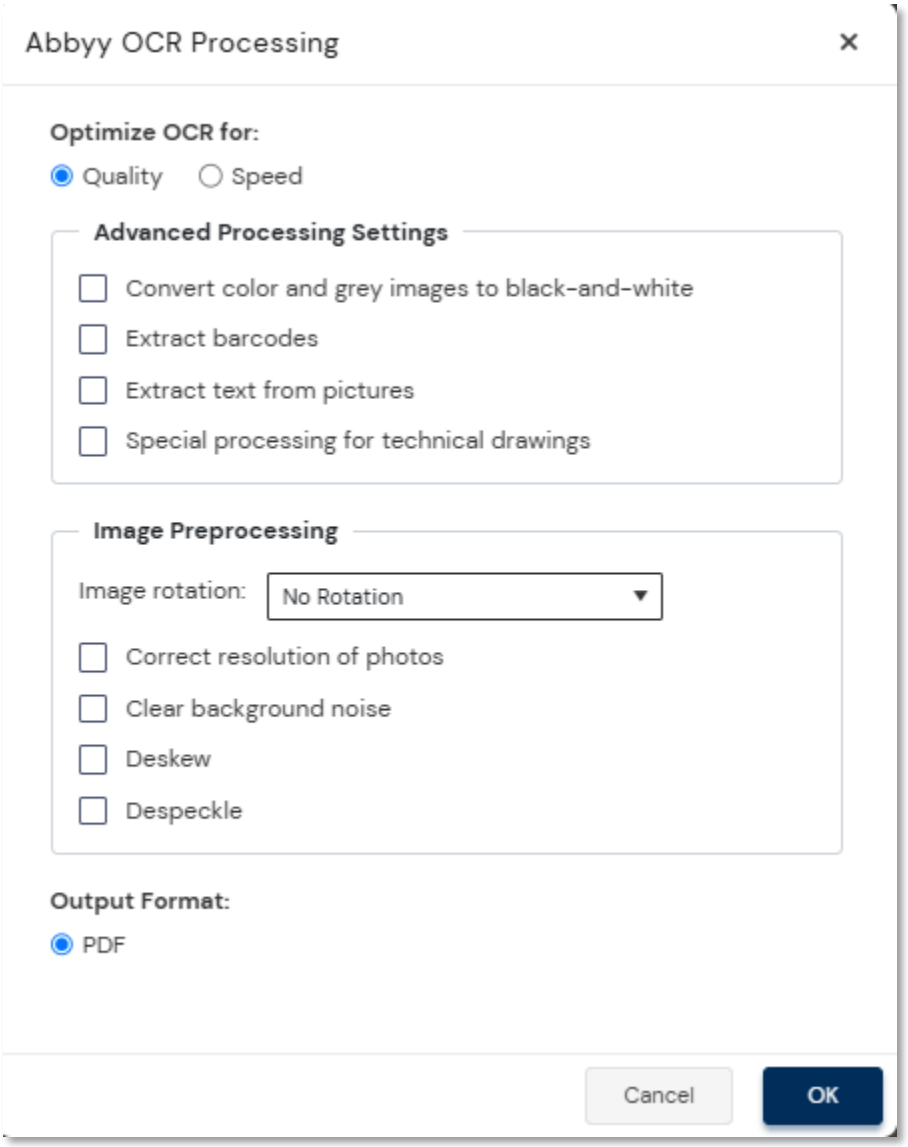
Enabling this and clicking the 'Options' opens the new 'Abbyy OCR Processing' pop-up, allowing you to configure the advanced set of targeted text extraction from images, barcode detection, and color-to-monochrome conversion.

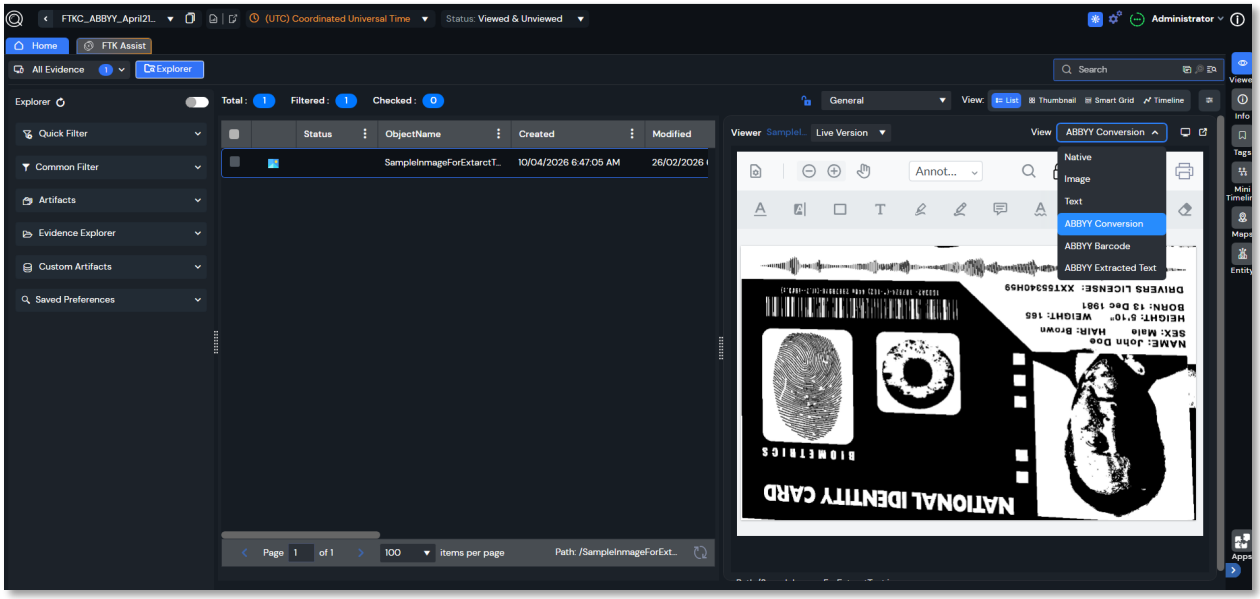
The following options are displayed in the 'Abbyy OCR Processing' pop-up, providing enhanced control over OCR processing as part of the data ingestion workflow:

Option / Setting	Description
Optimize OCR for: Quality	Prioritizes text recognition accuracy and detail retention over processing time.
Optimize OCR for: Speed	Maximizes throughput and processing velocity, ideal for high-volume documents where standard accuracy suffices.
Convert color and gray images to black-and-white	Automatically binarizes images to pure black and white prior to processing, reducing file size and improving contrast for standard text.
Extract barcodes	Enables the automated detection, decoding, and extraction of barcode data embedded within the scanned documents.
Extract text from pictures	Enhances the engine's ability to isolate, identify, and extract textual content embedded within photographic elements or complex graphics.
Special processing for technical drawings	Applies specialized algorithms optimized for architectural blueprints, engineering schematics, and technical diagrams to preserve fine line details and annotations.

Option / Setting	Description
Image rotation	Provides a dropdown menu to manually define or adjust the orientation angle (e.g., No Rotation) of incoming documents.
Correct resolution of photos	Automatically normalizes and scales the DPI (dots per inch) of captured smartphone or camera photos to standard document processing resolutions.
Clear background noise	Filters out digital artifacts, scanner dust, texture gradients, and bleed-through artifacts to create a cleaner canvas for character recognition.
Deskew	Automatically detects and straightens misaligned or crookedly scanned pages to ensure horizontal text alignment.
Despeckle	Removes isolated pixels, tiny spots, and stray dots from scanned media to enhance legibility and OCR accuracy.
Output Format: PDF	Generates the finalized, searchable processing results directly into the standardized Portable Document Format (PDF).







1.4.8 Keyboard Accessibility

1. Keyboard Accessibility for Review Page

This enhancement enables comprehensive keyboard-based navigation and interaction throughout the Review page, allowing investigators to access key functionality without relying on a mouse. The implementation improves accessibility compliance while also increasing efficiency for power users who prefer keyboard-driven workflows.

The following are the supported keyboard shortcuts:

Section	Shortcut Keys
Landing Page	Alt+L
Case Dropdown	Alt + C
Timezone Dropdown	Alt + Z
All Evidence Dropdown	Alt + E
Explorer	Alt + X
Quick Filter	
Filter Expansion	Alt+Q
Navigation	Tab
Checkbox Selection	Space
Common Filter	
Filter Expansion	Alt+W
Navigation	Tab
Expand Node	Right Arrow
Collapse Node	Left Arrow
Checkbox Selection	Space
Artifacts	
Filter Expansion	Alt+A
Navigation	Tab
Expand Node	Right Arrow
Collapse Node	Left Arrow
Select a checkbox	Space

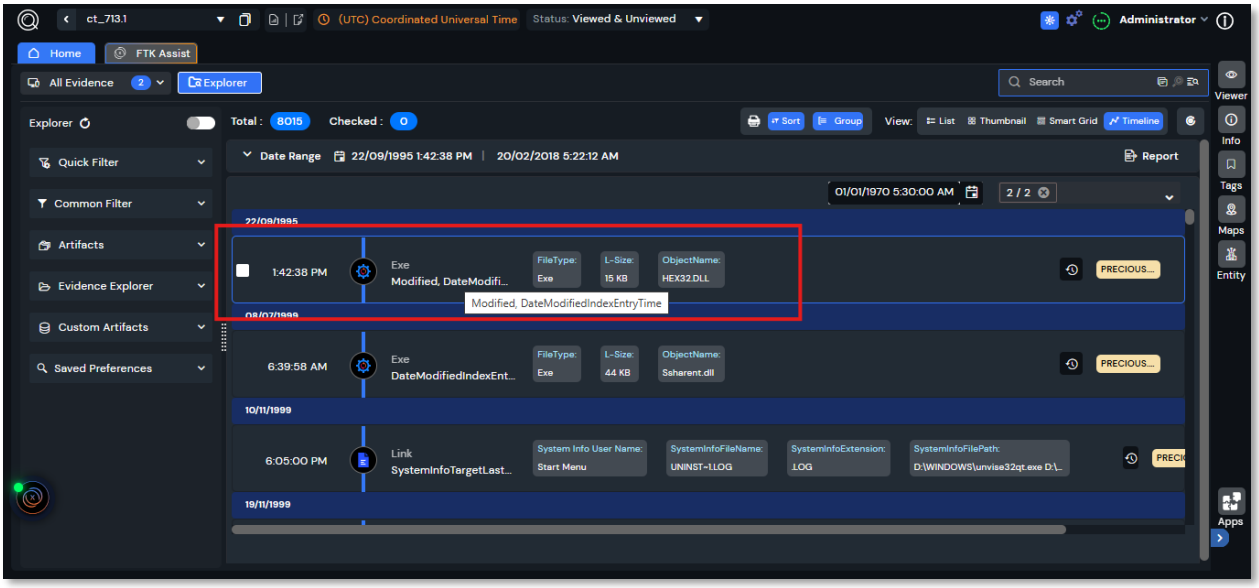
Section	Shortcut Keys
Evidence Explorer	
Filter Expansion	Alt+Y
Navigation	Tab
Expand Node	Right Arrow
Collapse Node	Left Arrow
Select a checkbox	Space
Column Set	
Column set dropdown	Alt+0
Navigation	Arrow Keys
Expand Node	Right Arrow
Collapse Node	Left Arrow
Selection	Enter
Views	
List View	Alt+1
Thumbnail View	Alt+2
Smart Grid View	Alt+3
Timeline View	Alt+4
Search	
Search bar	Ctrl+F
Navigation to Relationships, Live and Advanced Search	Tab
Run Search	Enter
Panes	
Viewer Open	Alt+V
Info Pane Open	Alt+I
Tags Open	Alt+T
Mini Timeline Open	Alt+M
Maps Open	Alt+P
Entity Open	Alt+N
Apps Open	Alt+S

Section	Shortcut Keys
Grid	
Selection in List	Ctrl + Up/Down
Extending the Selection Range	Shift + Arrow Up/Down
Select Object	Space
Open selected object in Viewer	Alt+V (Shortcut to open Viewer)
Column Filter	
Column Filter	Alt+F
Navigate	Tab
Open/Perform Action	Go to the target using arrow and click Enter
Select/Deselect the value	Enter
Pagination	
Previous Page	Alt+,
Next Page	Alt+.
Items per page	Alt+;

1.4.9 Timeline

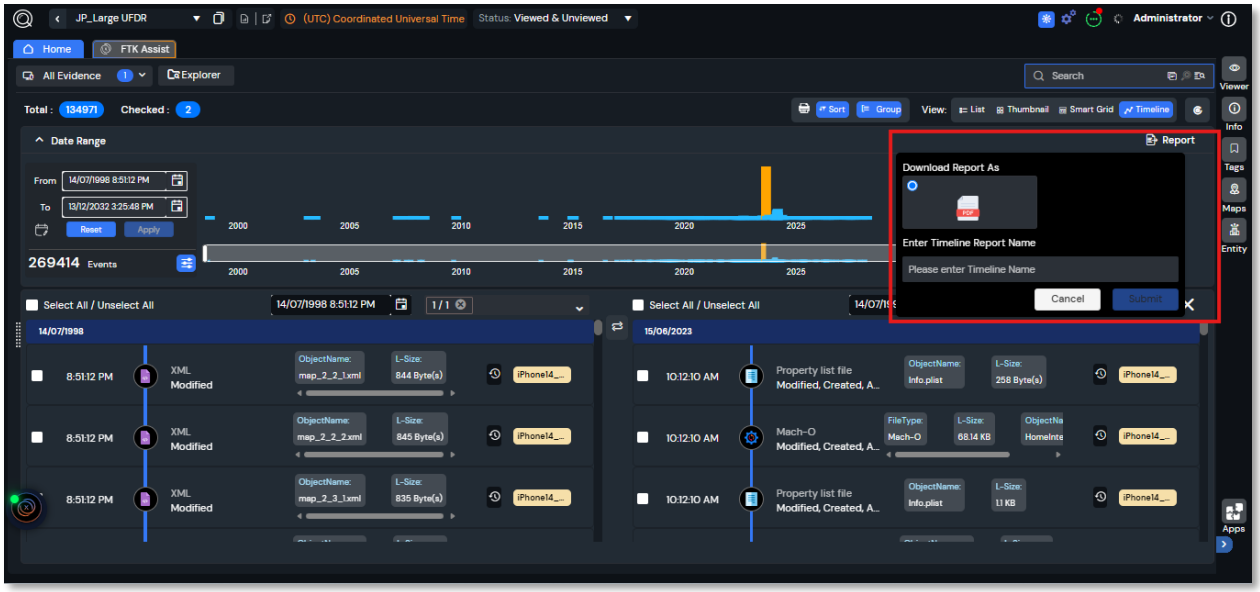
1. Consolidation of Identical Event Dates in Timeline Views

The Timeline and Mini Timeline views now automatically group identical events for the same object into a single entry whenever multiple event fields share the exact same timestamp. This replaces repetitive listings of the same object in your timeline layout, clean-filtering your workspace while keeping all underlying event tracking fully visible. If an entry contains multiple consolidated event types, an ellipsis (...) indicator appears, which you can hover over to instantly view the individual event details.



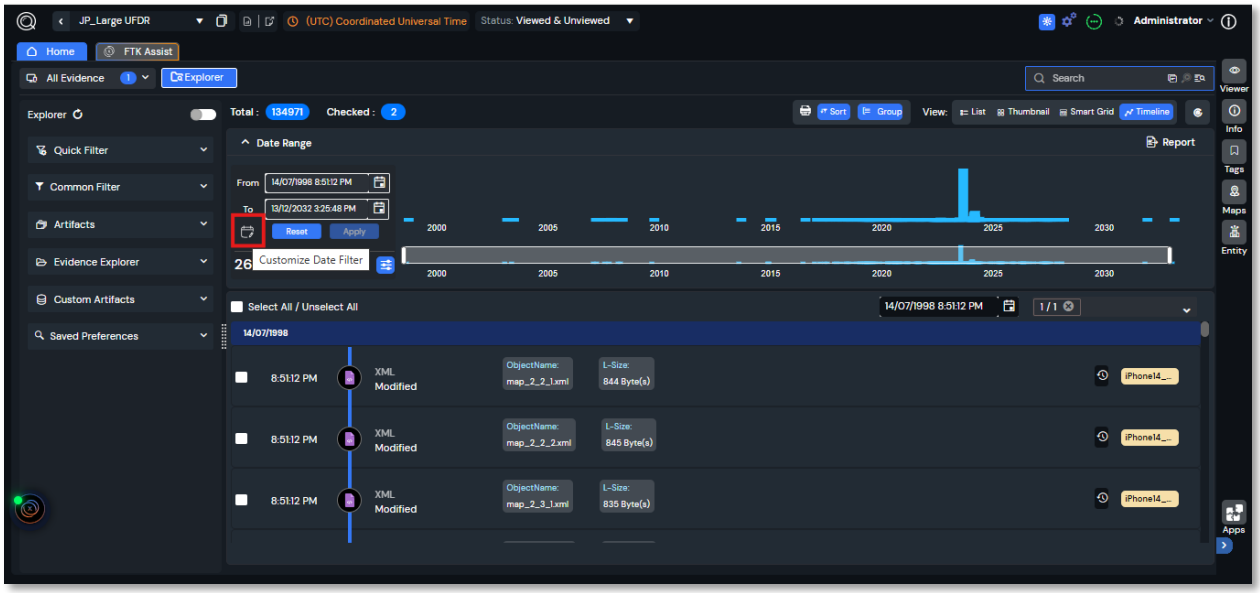
2. Timeline Event Comparison Report Generation

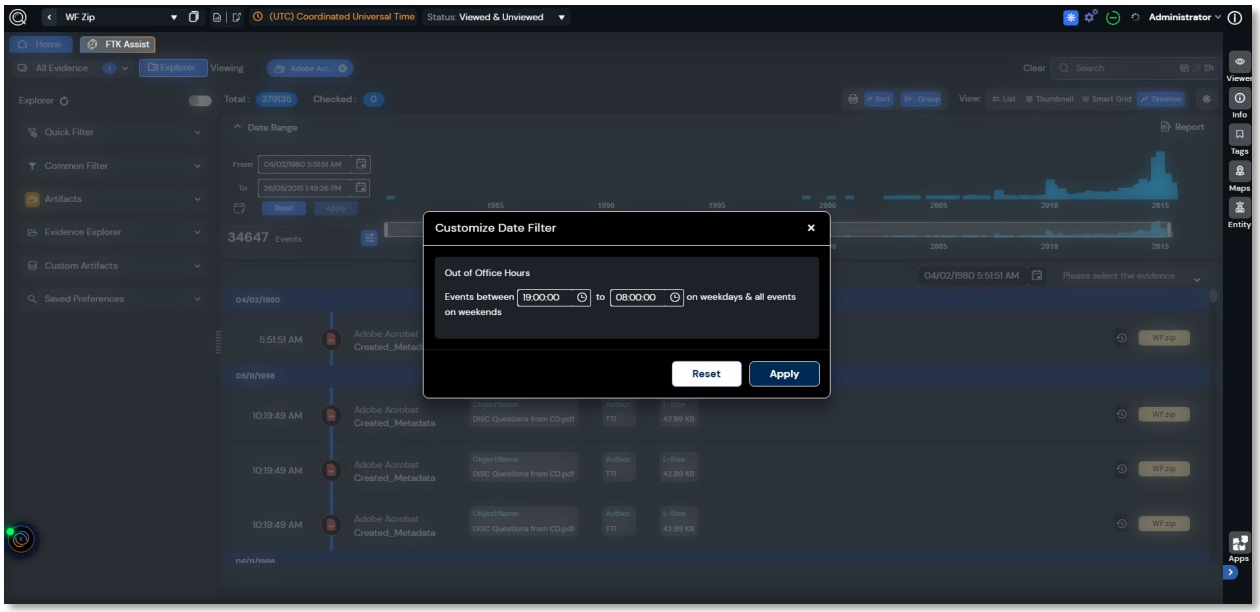
You can now generate reports for the event comparisons made in the Timeline View. Now, you can click on the 'Report' button displayed during the comparison process to generate a PDF report containing the comparison details. To ensure that multi-column comparisons remain clear and readable for legal presentation, the PDF report is generated in landscape orientation.



3. Timeline Out-of-Office Hours Filter

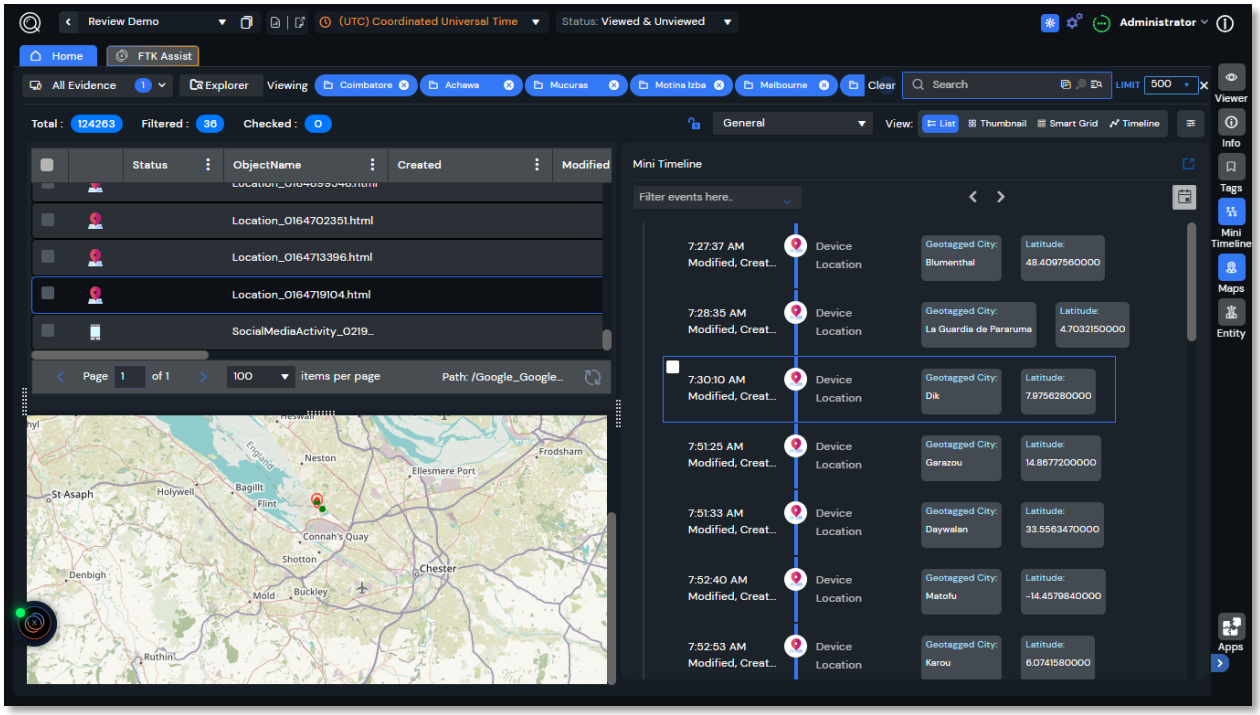
A new 'Out of Office Hours' filter has been added to the Timeline view, enabling investigators to quickly identify events that occur outside normal business parameters. When the filter is enabled, the system automatically filters and displays events taking place on weekends (Saturday and Sunday) and on weekdays between 7:00 PM and 8:00 AM. Investigators can access this toggle by clicking the 'Customize Date Filter' icon within the Timeline view to adjust these default hour thresholds to match specific suspect shifts or target timeframes.

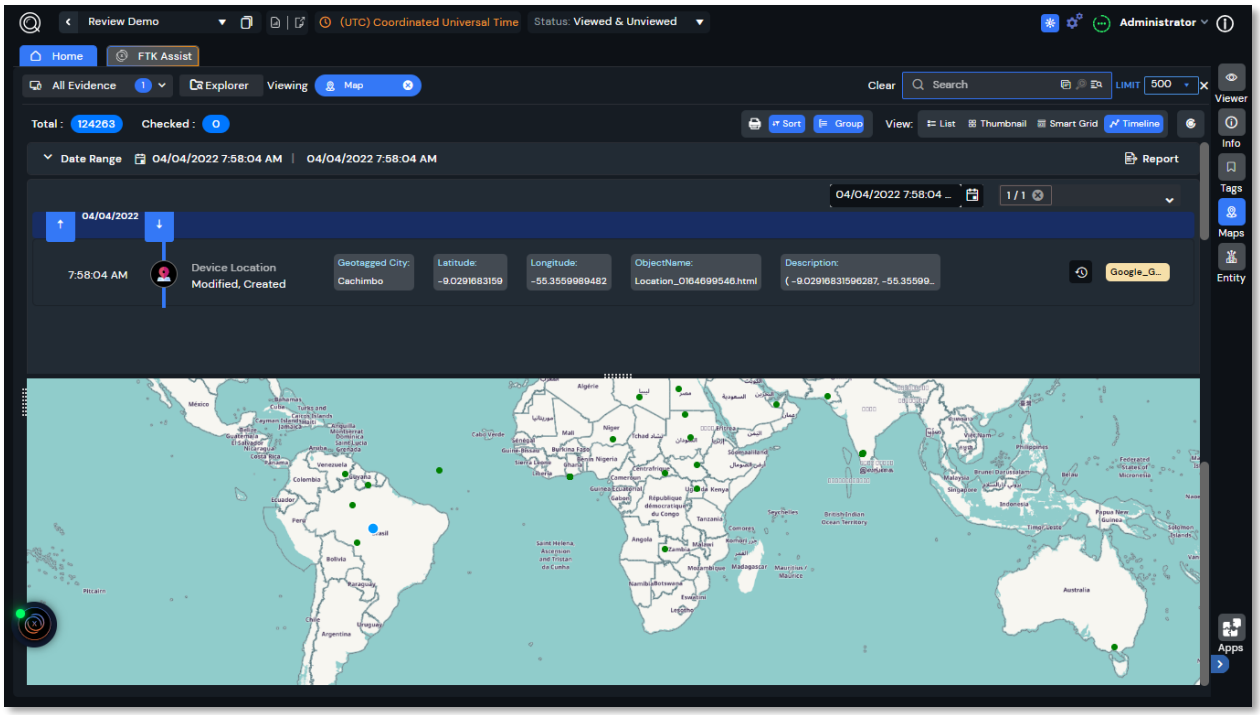




4. Interlinked Map and Timeline/Mini Timeline View

The Timeline/Mini Timeline and Map View are now dynamically linked to automatically display the physical location associated with any selected chronological event. Clicking an item containing coordinate metadata within the Timeline/Mini Timeline instantly triggers a location check and highlights the corresponding pin on your map layout. If the target destination rests outside your current viewable map boundaries, the application intelligently pans and centers the viewport directly over the active pin.

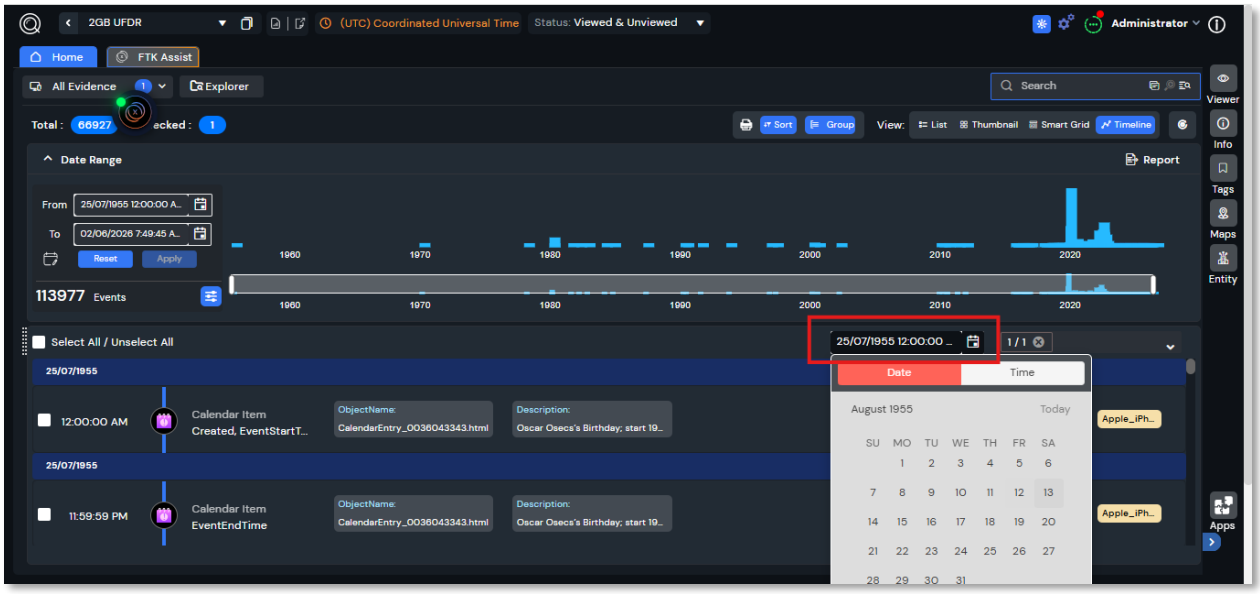




Note: *If no location data is available, no map interaction occurs.*

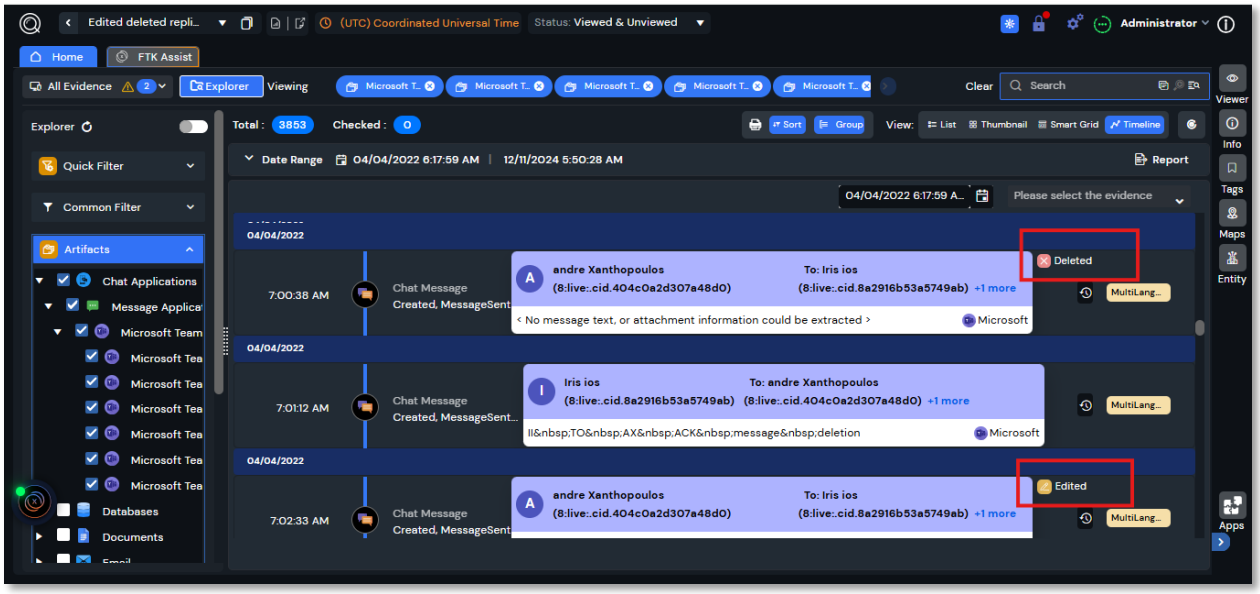
5. Timeline Navigation via ‘Jump to Time’ Selector

A new ‘Jump to Specific Time’ capability has been added to the Timeline View, allowing investigators to instantly navigate to an exact date and timestamp within their case. By selecting the newly introduced calendar icon, users can choose an exact target day and hour, prompting the timeline layout to automatically scroll and focus directly on that precise moment.



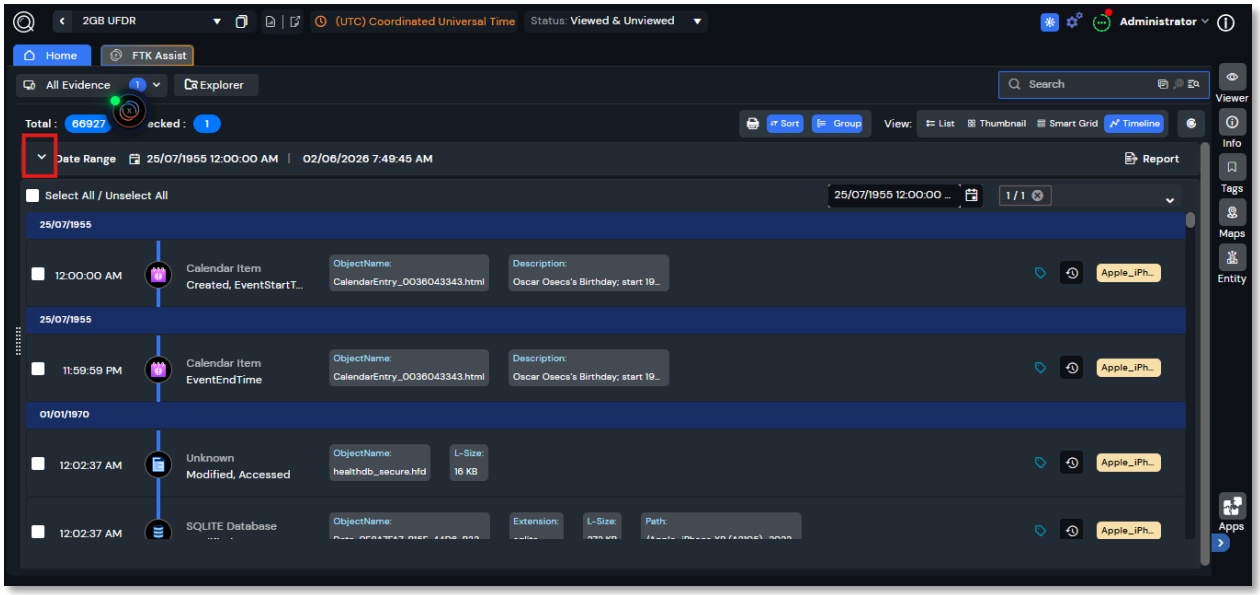
6. Visual Activity Indicators for Chat Modifications

Chat messages now feature ‘Edited’, ‘Replied’, and ‘Deleted’ status indicators across the Timeline View, Timeline Reports, and Detail Reports. By displaying these contextual tracking tags directly within chronological workflows, the interface allows investigators to instantly recognize altered message histories or missing replies without deep manual script validation.



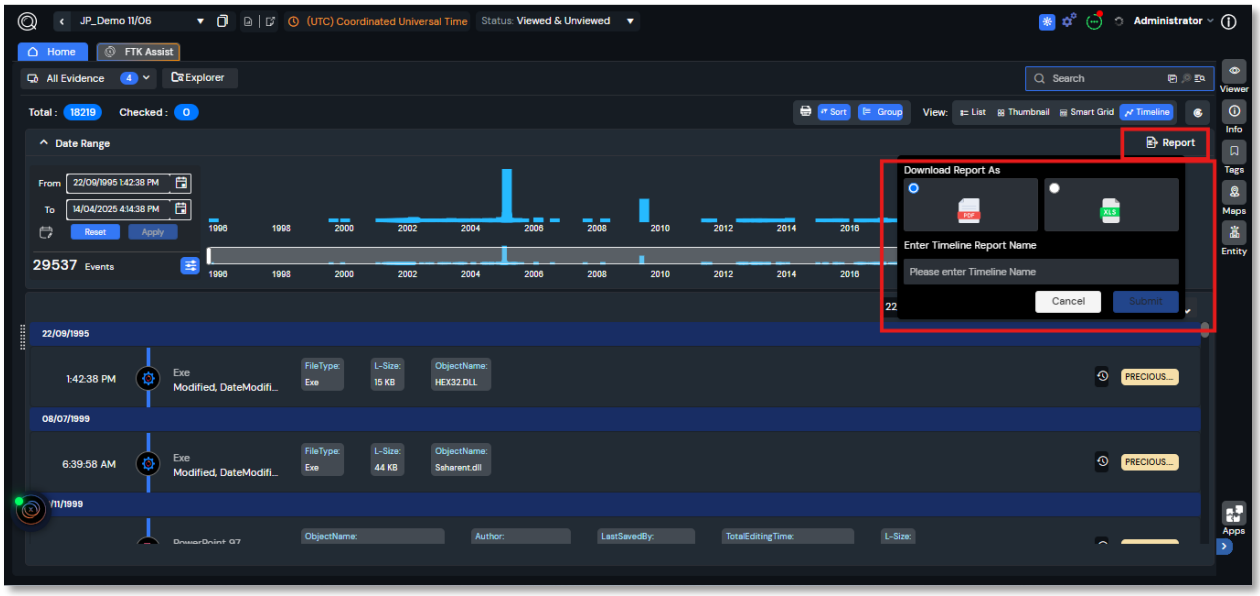
7. Timeline Spacing Optimization and Collapsible Date Range

This user interface optimization addresses spacing efficiency within the Timeline View by introducing a collapsible Date Range header panel. Previously, the date range configuration section occupied a permanent block of vertical screen space. Now, a dedicated expand/collapse icon allows users to compress the section out of view. When minimized, the applied date parameters remain clearly visible within the collapsed header bar so you never lose context of your active timeline boundaries.



8. Centralized Timeline Report Generation

This release introduces a Report generation capability inside the Timeline interface, allowing investigators to export unified chronological findings. This feature provides users with PDF and Excel export workflows into a single location. This update allows investigators to select their preferred format, customize output parameters, and seamlessly submit report generation jobs to the system without leaving their active timeline workspace.



9. Apple Biome Artifact Integration in Timeline Views

FTK Central expands Timeline coverage for Apple Biome data by integrating support for a wide array of date and time categories. With this update, FTK Central natively parses an expanded matrix of Apple Biome event categories. This allows forensic examiners to reconstruct seamless, continuous timelines of system interactions directly within the application.

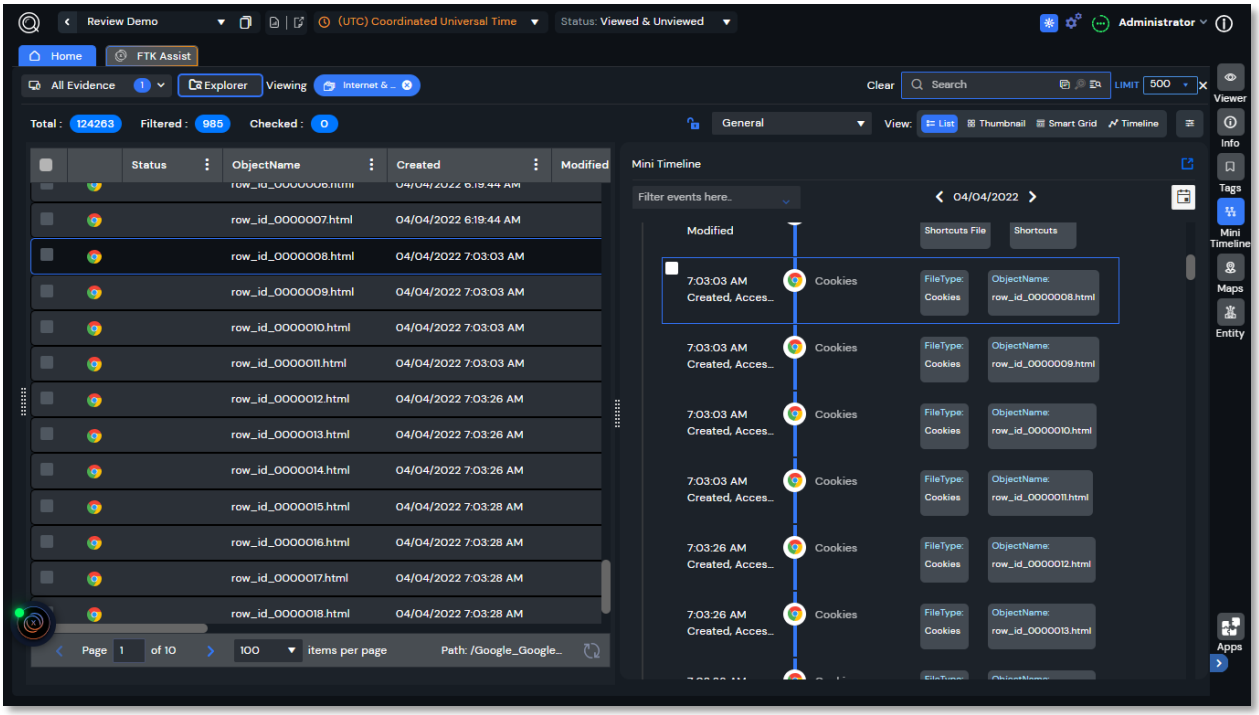
The following is the list of newly supported Apple Biome Artifacts:

Application Focus:

- Application Install States
- Application Intents
- Application Launch
- Audio Routing
- Battery Percentage
- CarPlay Connections / Connected Cars
- Device Backlight States
- Device Lock States
- Device Orientation States
- Device Plugged-in States
- Do Not Disturb Usage
- Hardware Reliability
- Keybag Lock States
- Notification
- Safari Page View
- Siri Execution / Siri UI Usage
- Text Input Session
- User Activity
- WiFi Information

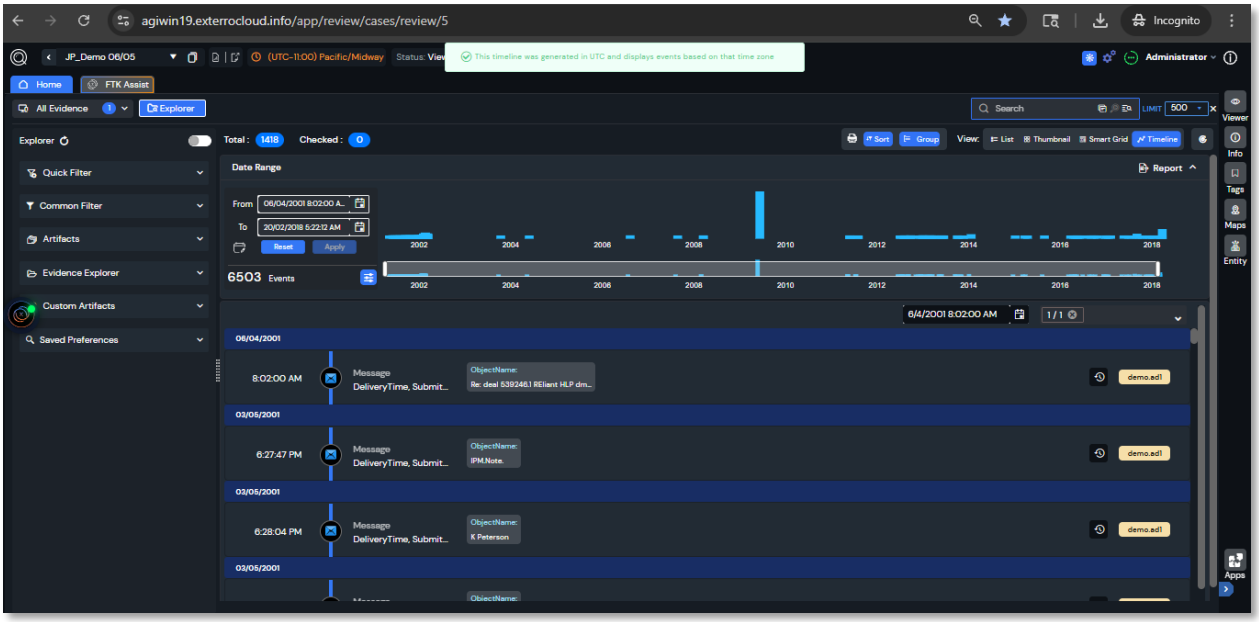
10. Mini Timeline Accessibility Enhancements

The Mini Timeline experience has been upgraded to automatically display relevant events as soon as you select an object from the List and Thumbnail views. By instantly pulling from the object's creation date or the first available date field, the system removes the need of manual navigation from the date fields of Info pane and jump straight into the context of your evidence.



11. Timezone Banner Display on Timeline View

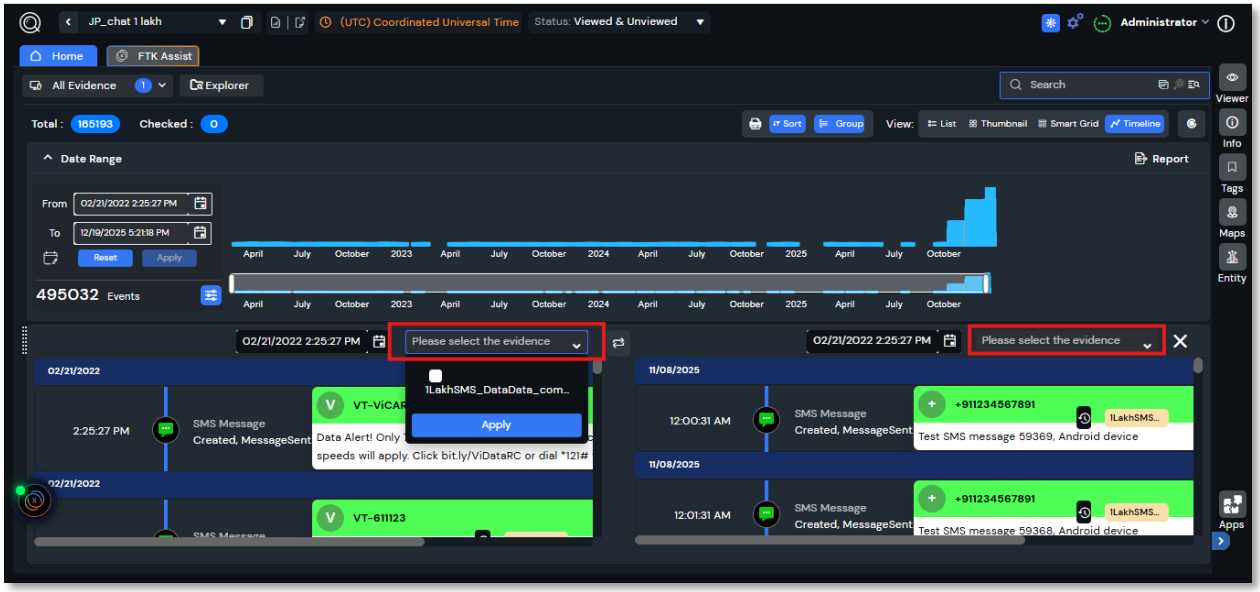
A new informational banner will be displayed above the Timeline View when you navigate to it after changing the timezone settings in the review page. It clearly specifies the exact timezone used for data generation in Timeline View, allowing you to maintain accurate time context during case reviews.



12. Enhanced 'Add to Compare' Capabilities In Timeline View

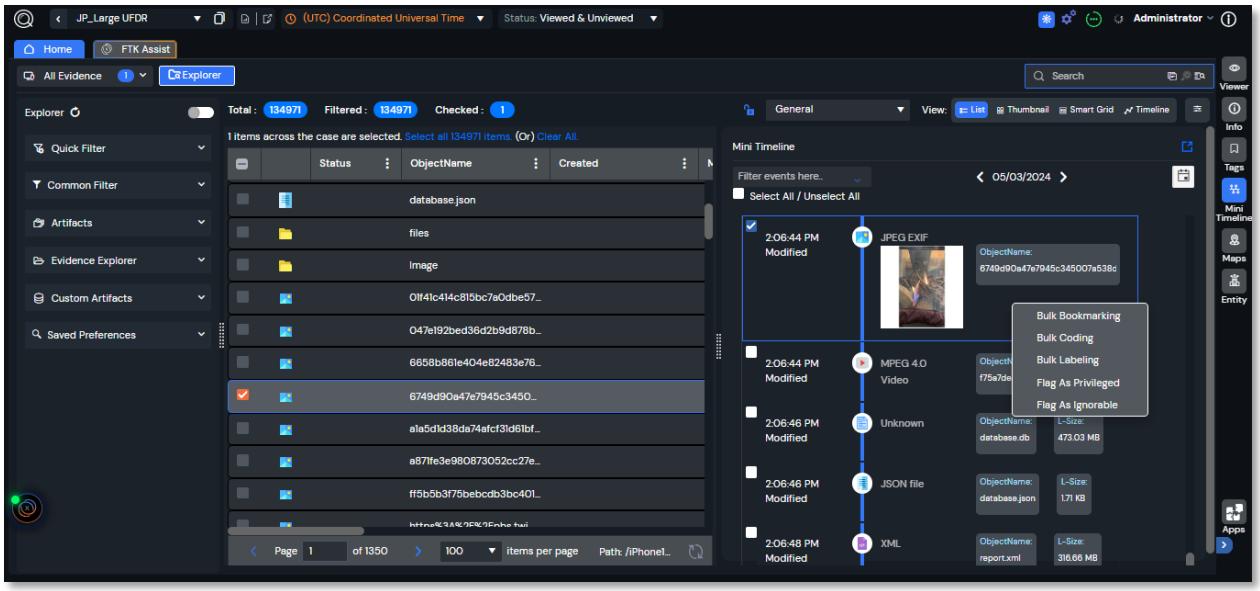
The 'Add to Compare' functionality in the Timeline View of the FTK Central Review page has been enhanced to offer improved flexibility for data comparison, whether analyzing a single evidence item or multiple sources within a case. A significant update is the inclusion of a new 'Select Evidence' dropdown menu, which allows you to easily designate all specific evidence sources intended for comparison while reviewing timeline events.

Additionally, the system now supports filtering timeline data by precise date and time intervals during the comparison process, facilitating more targeted and efficient investigative analysis.



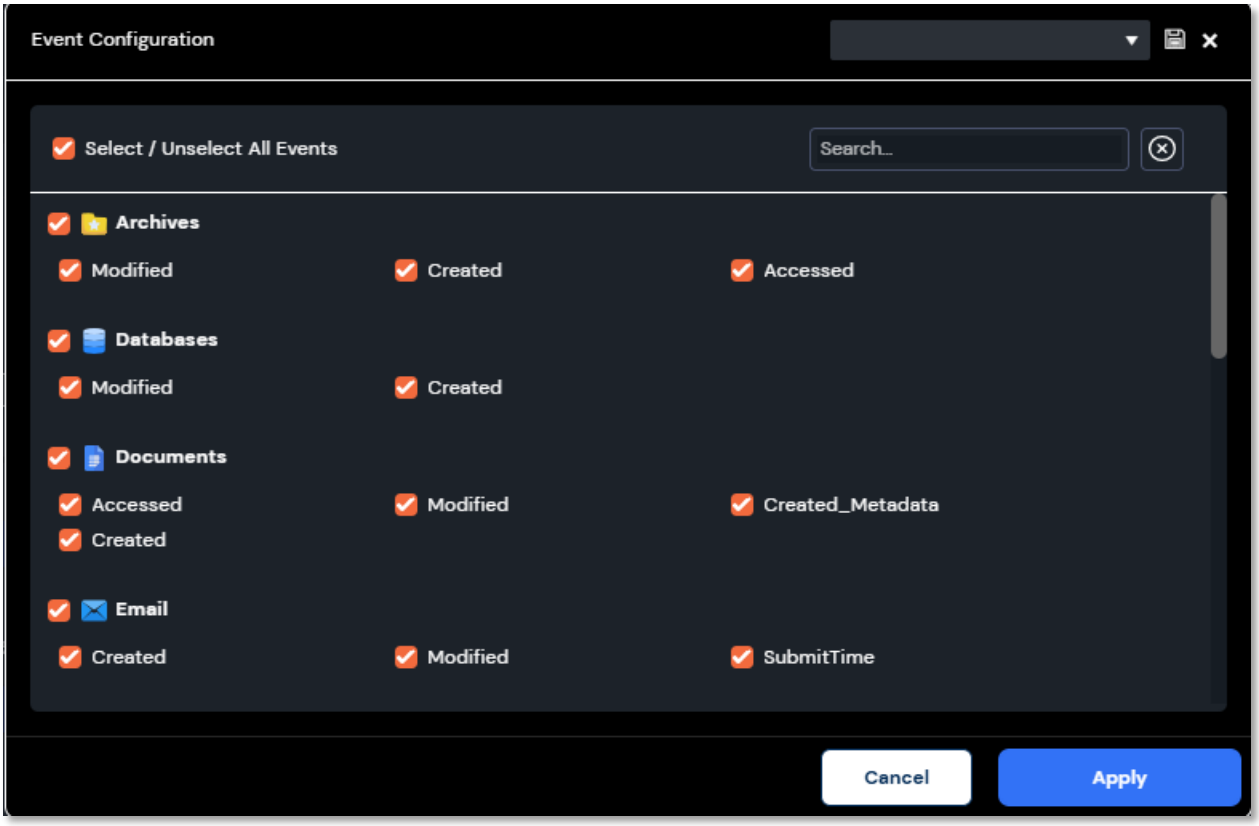
13. Mini Timeline - Event Select and Bulk Actions

The Mini Timeline has been upgraded to support event selection, enabling investigators to perform bulk actions such as coding, bookmarking, or applying labels to specific temporal events. Any selections made within this pane are automatically synchronized across the entire case, maintaining persistence as you navigate between different review panes for a seamless investigative workflow.



14. Default Selection of Event Configuration Options

The Timeline view has been upgraded to automatically pre-select every event timestamp within the 'Event Configuration' pop-up. This new default state provides immediate visibility into all temporal data, while still allowing investigators to manually deselect specific fields to refine their analysis as needed.

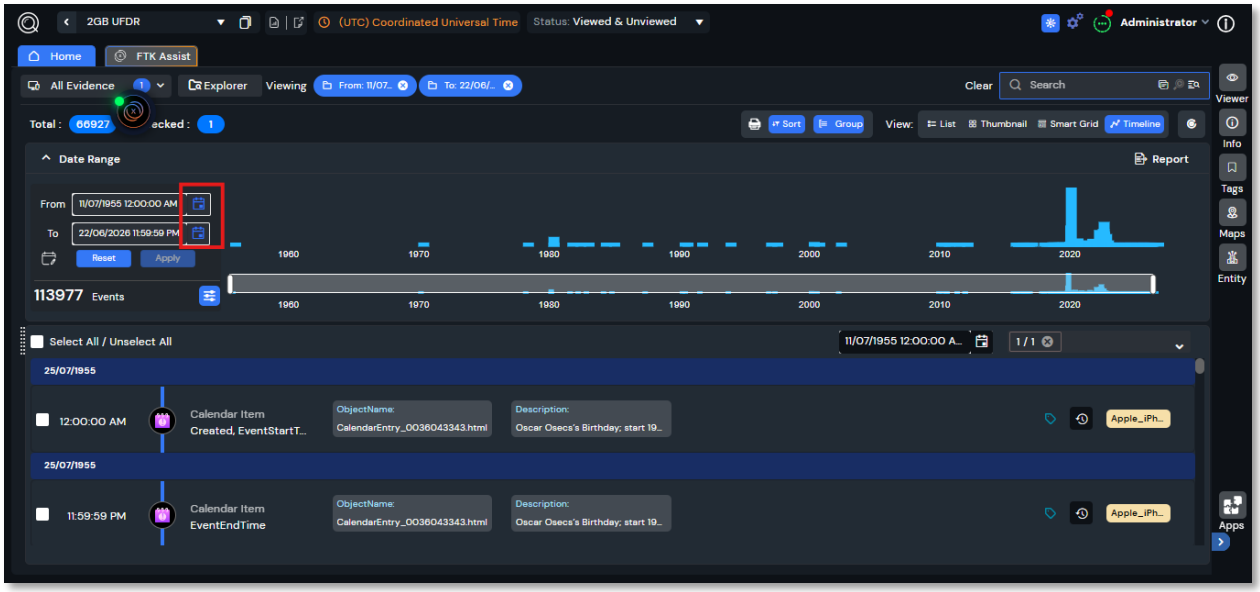


15. Dynamic Attribute Display for System Summary Artifacts

The Timeline View now automatically updates the visible metadata fields based on the System Summary Artifact filter you select in the Evidence Explorer. By aligning displayed fields based on the predefined column sets, the system ensures investigators see only the most pertinent, context-specific information for every temporal event.

16. Date Filter Indicator

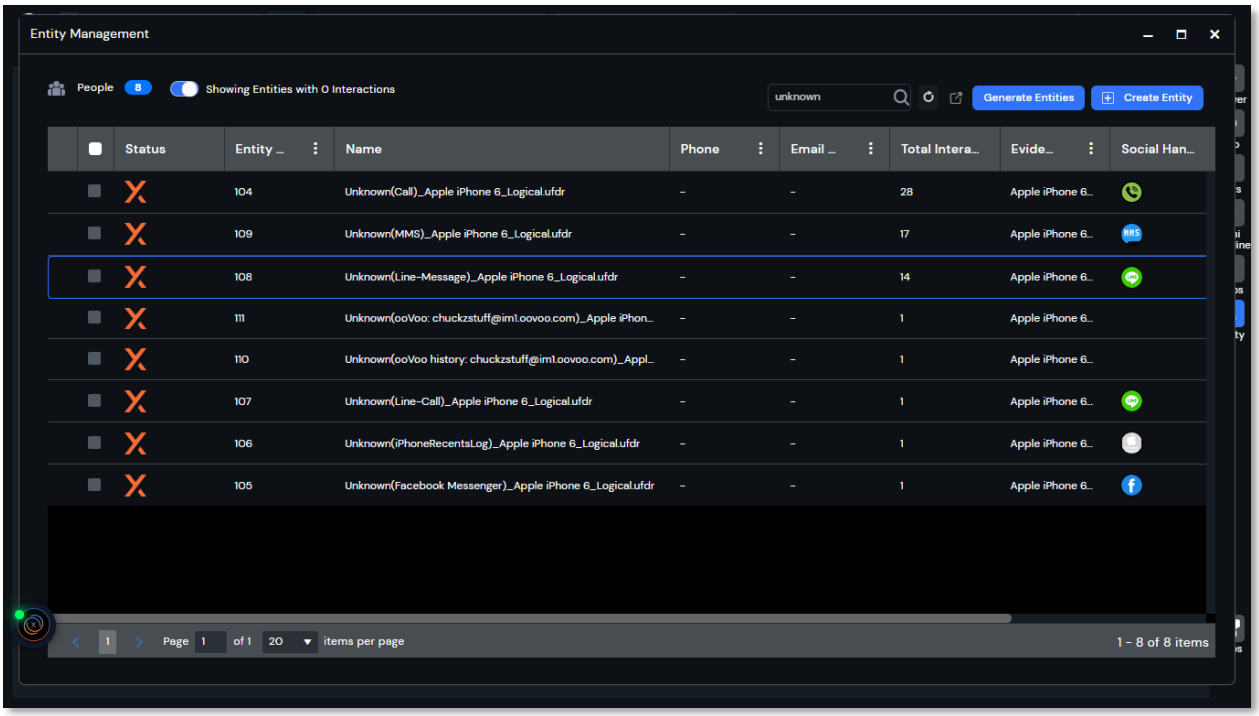
A new **Date Filter Applied indicator** highlights the calendar icon in the Timeline View the moment a filter becomes active, providing immediate visual feedback so you never mistake a filtered view for a full case history.



1.4.10 Entities

1. Context-Aware Entity Resolution

The Entity Management feature has been upgraded to prevent the incorrect merging of generic profiles like 'Owner' or 'Unknown' across multiple UFDRs, devices, and applications. Instead of linking data based solely on matching display names, the platform evaluates source context and explicit identifiers, such as phone numbers and email addresses, to ensure distinct individuals remain separate.



2. Expandable Entity Interaction Chart Visualization

The enhanced entity details page of Entity Management is enhanced to give you full control over your workspace with customizable, expandable interaction charts. Investigators can easily resize, expand, or pop out the social contacts chart into a dedicated window to analyze complex communication networks and dense relationship data.

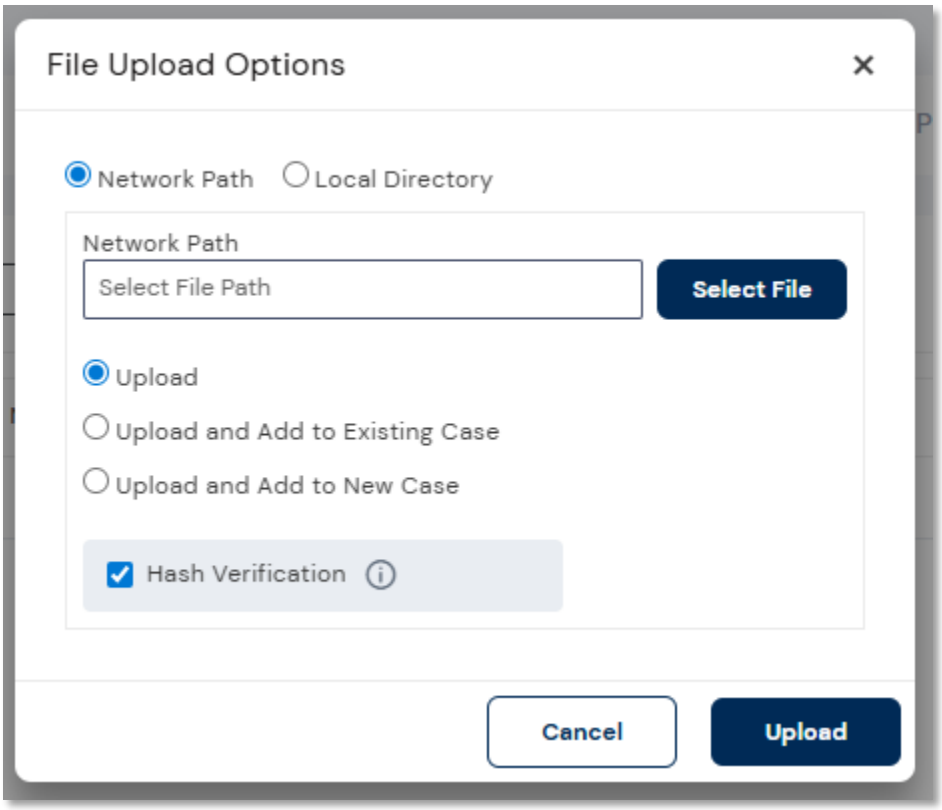
1.4.11 AWS S3 Management

1. Hash Verification for AWS Upload and Download Operations

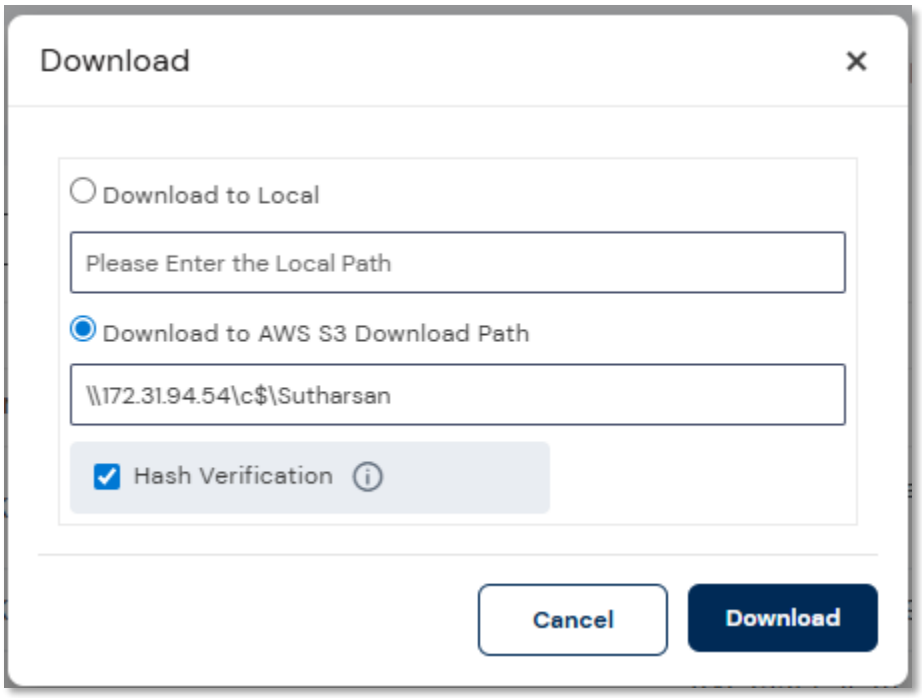
AWS-related data transfer workflow now includes optional hash verification to guarantee data integrity when moving files to and from cloud storage. By automatically hashing files before and after transfer, the platform gives investigators absolute proof that evidence has not been modified or corrupted.

Key Highlights:

- A new **Hash Verification** option is available for AWS S3 uploads and downloads and is enabled by default.



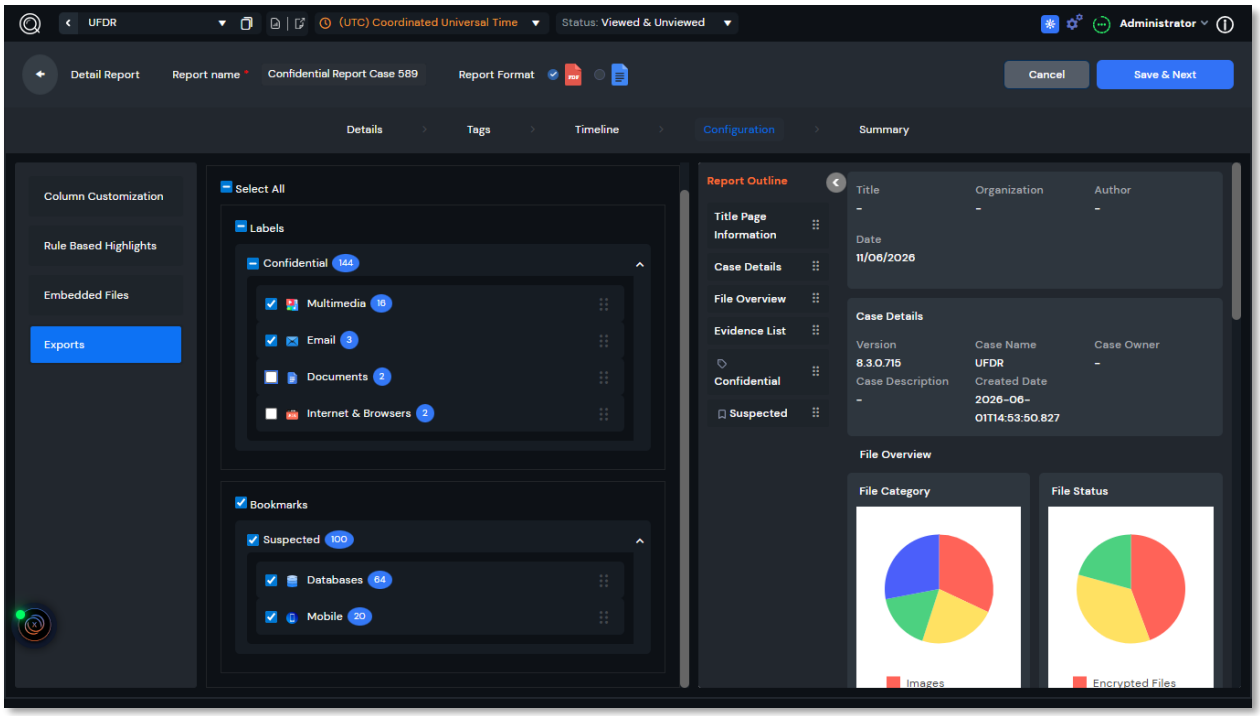
- During downloads, hash values are compared between the downloaded content and the source content stored in AWS S3 to verify file integrity.



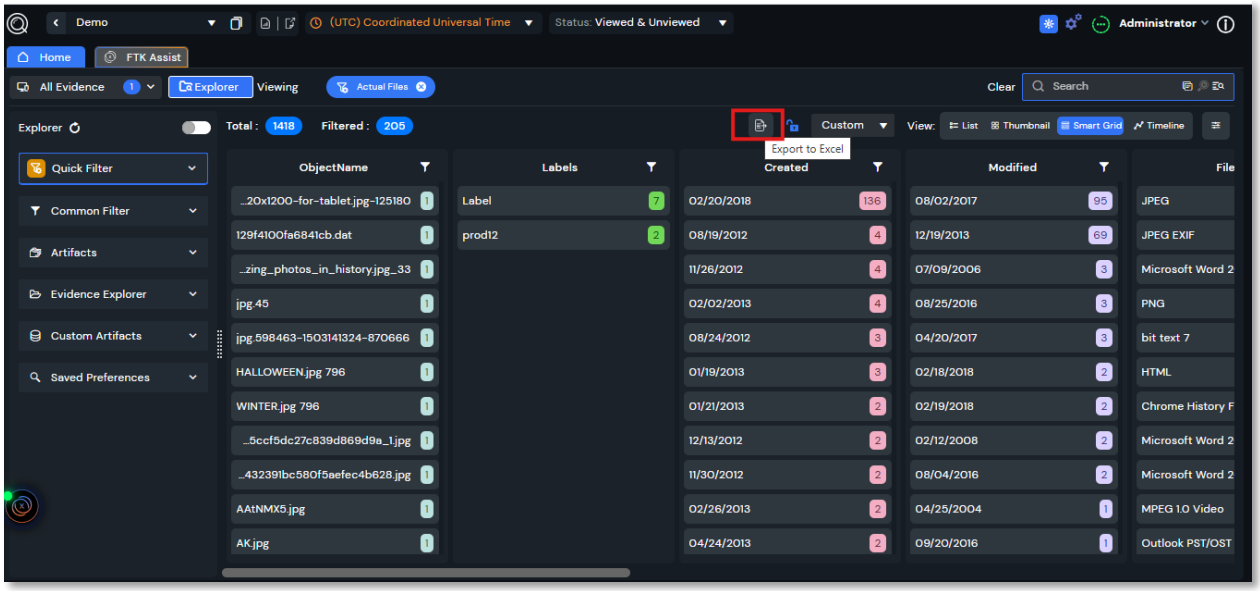
1.4.12 Reports & Exports

1. Configurable File Exports in Detail Reports

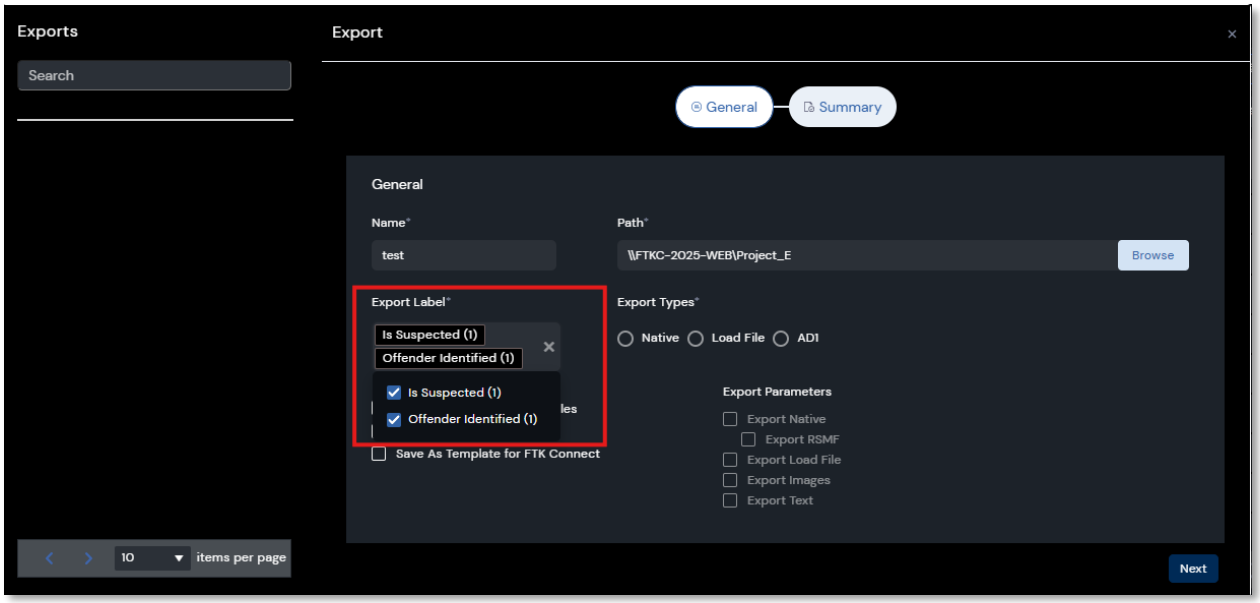
The Detail Report configuration has been greatly enhanced to give investigators complete control over which evidence files are to be exported with their final report. Instead of automatically exporting every file associated with a report, you can now toggle exports on or off completely or selectively define exactly which file types should be bundled for each label and bookmark.



2. A new ‘Export’ option has been introduced in the Smart Grid to export all the data present on the page. Upon clicking on the button, a job will be initiated. You can monitor the job and download the export after job completion from the Job Queue.



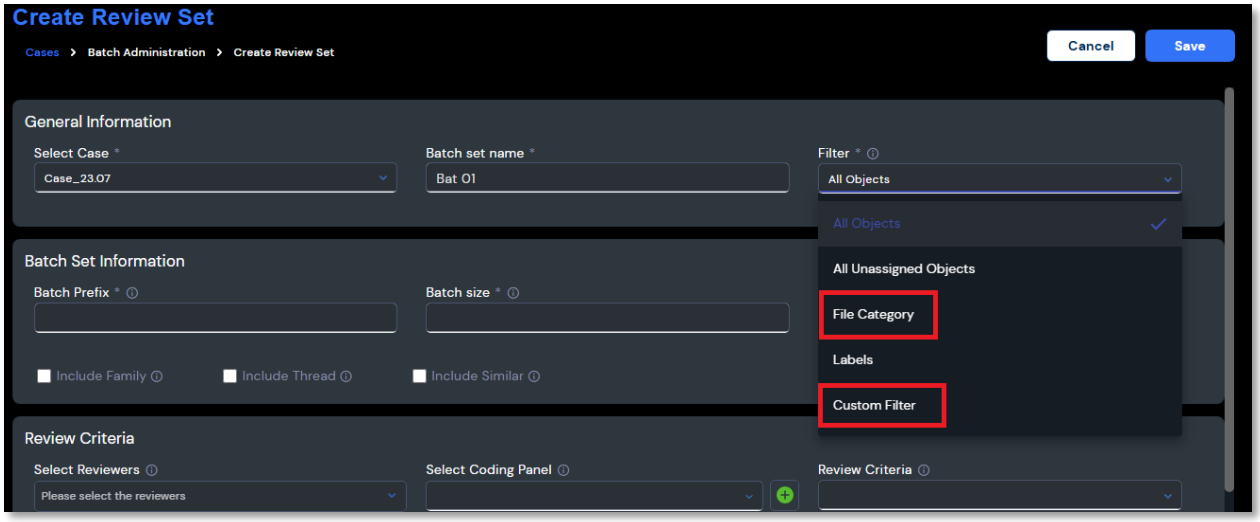
3. You can now perform the Export operation for multiple labels at the same time from the FTK Central Review page. In the Export pop-up, the Export Label dropdown now includes checkboxes next to each label, allowing you to select and export multiple labels in a single operation. ***(FTKC-51867)***



1.4.13 Dynamic Batch Review

1. New Filters for Review Batch Creation

You can now refine review batches with greater precision using file categories and custom criteria. This update introduces 'File category' and 'Custom filters' options within the 'Filter' field of review batch creation page, allowing you to isolate specific file types (such as email, document, or images) or apply custom filters configured in FTK Core.



Key Benefits:

- **Targeted Batch Allocation:** Enables precise file selection for review batches based on specific categories or custom attributes.
- **Improved Review Efficiency:** Streamlines review workflows by eliminating irrelevant file types prior to batch distribution.
- **Seamless Integration:** Leverages existing custom filters created in FTK Core directly within the review creation process.

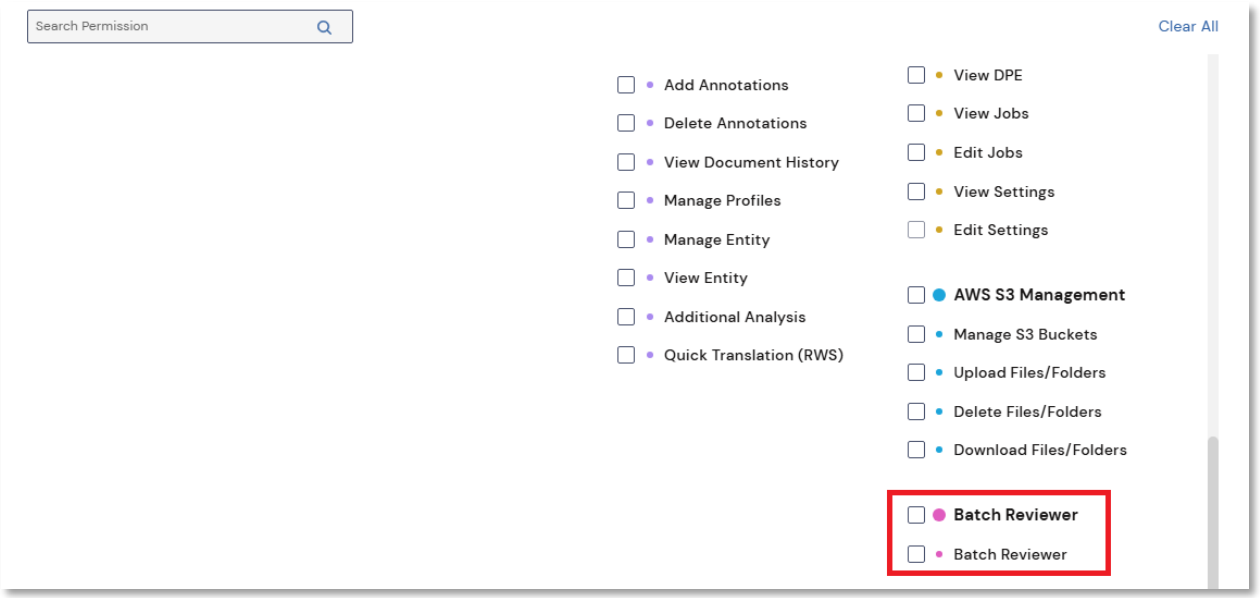
Other Relevant Info:

- **Adaptive Interface Constraints:** While using the 'File Category' filters to create a batch, only the selected categories will be displayed under the 'Artifacts' filter in the Explorer pane of Review page.

2. Controlled Access for Batch Reviewers

You can now restrict reviewer access to specific batches without exposing full case data, enabled by a new permission.

This update introduces the 'Batch Reviewer' permission, allowing you to grant reviewers access only to their assigned batches while restricting access to the full case dataset, Case Dashboard, and general case navigation.



Key Benefits

- **Data Isolation:** Enforces strict access boundaries by confining user review activities strictly to assigned batches.
- **Enhanced Security:** Prevents unauthorized visibility into full case datasets and general case navigation.
- **Focused Review Workflows:** Streamlines reviewer focus by eliminating navigation distractions from unassigned case areas.

1.5 File Analytics Center

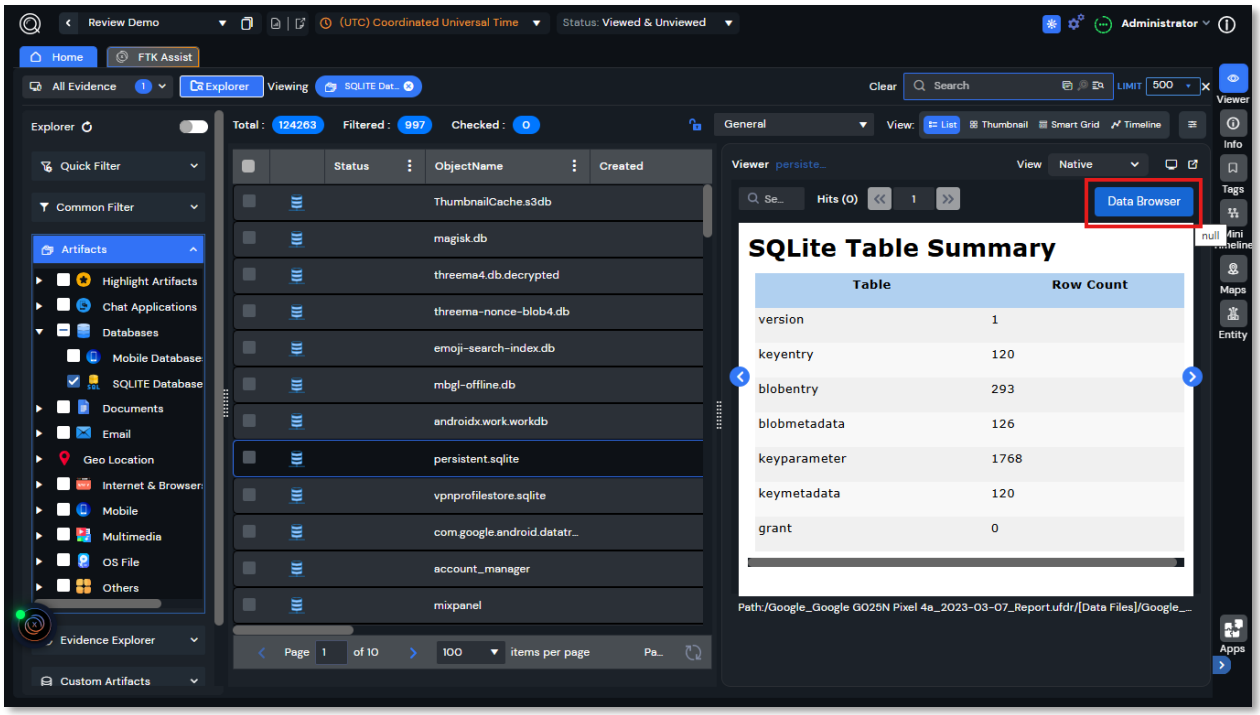
1.5.1 Data Browser Integration

1. FTK Central introduces the Data Browser, a comprehensive, native database investigation platform embedded directly within the Review workspace. This major integration eliminates the need for external, third-party database viewer tools by allowing investigators to view, search, query, analyze, and parse structured database files entirely within the platform.

   By unifying low-level database exploration with standard forensic review workflows, teams can seamlessly convert raw data tables, execute advanced SQL scripts, utilize AI-assisted natural language queries, and map database columns directly into actionable forensic artifacts.

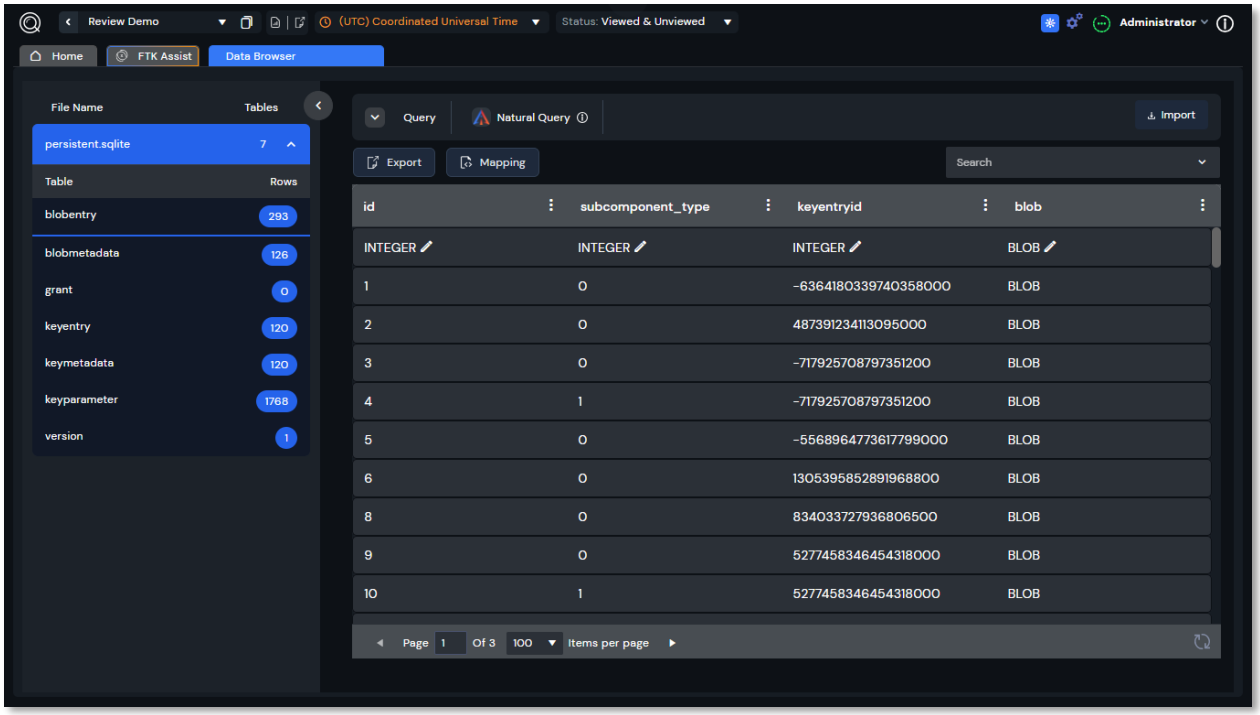
Key Highlights:

- **Multiple Format Support:** Supports direct, row-level table browsing, table structure navigation, and record pagination across SQLite (.sqlite, .sqlite3, .db, .db3, .sqlitedb), Microsoft Access (.mdb, .accdb), and delimited data files (.csv, .tsv, .psv).

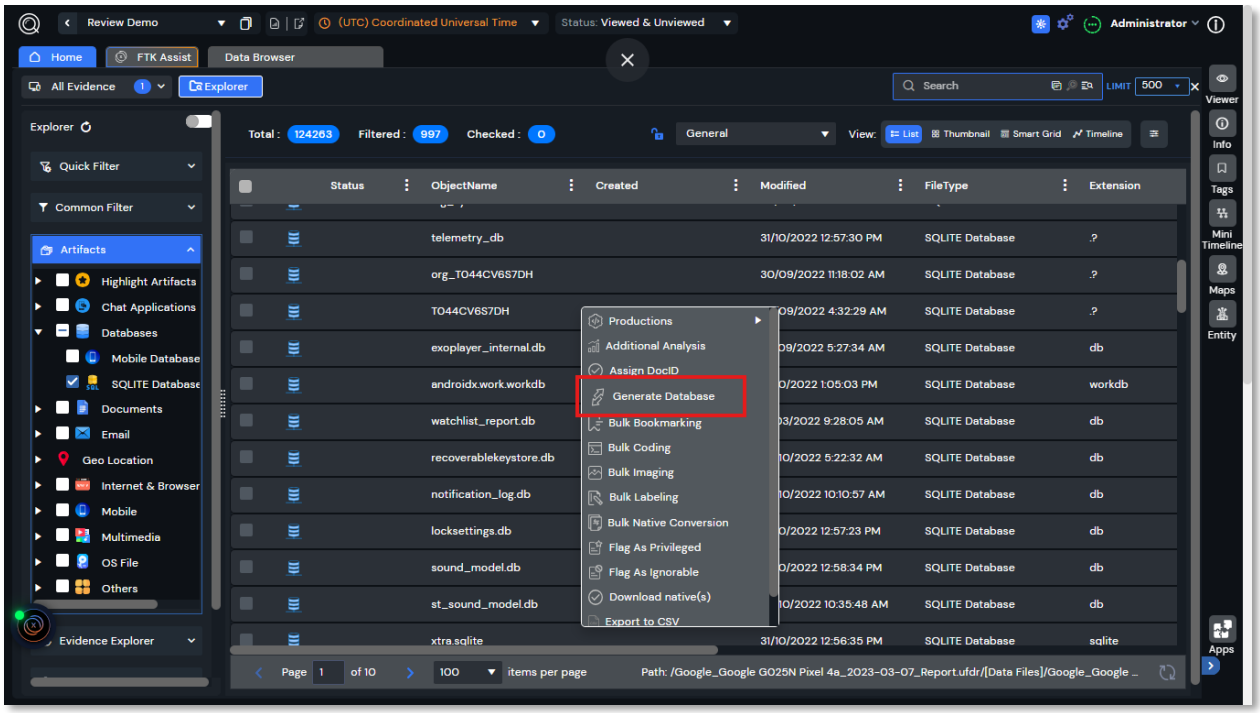


During processing, supported databases can be converted into a SQLite-compatible format, allowing them to be viewed and analyzed within the Data Browser.

- **Opening and Exploring Database Content:** Allows investigators to open database files directly from the Review page to navigate database tables, explore table schemas, view row-level records, and track connections between related tables.



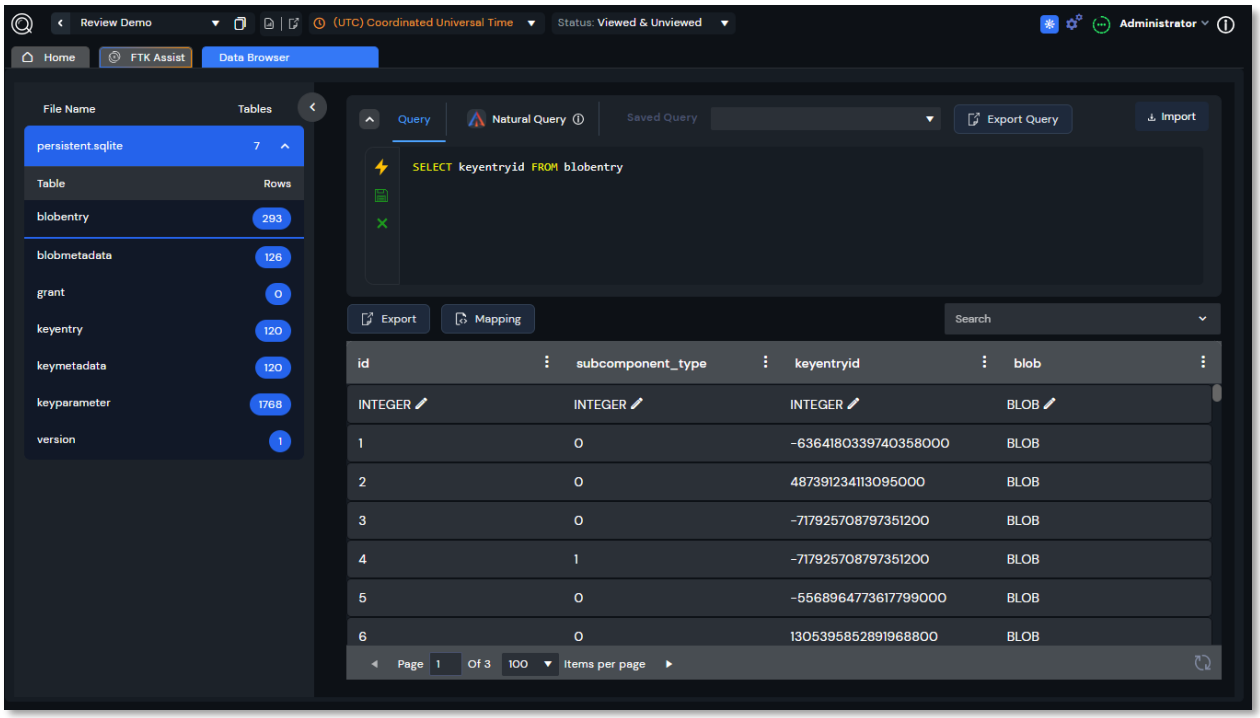
- **On-Demand Conversion and Processing:** Provides a workflow that seamlessly converts legacy or structured database formats into SQLite-compatible versions during initial evidence processing or on-demand directly from a right-click menu in the Review grid. Also, unsupported types are filtered and alerts users with a summary pop-up showing the count of detected and converted files.



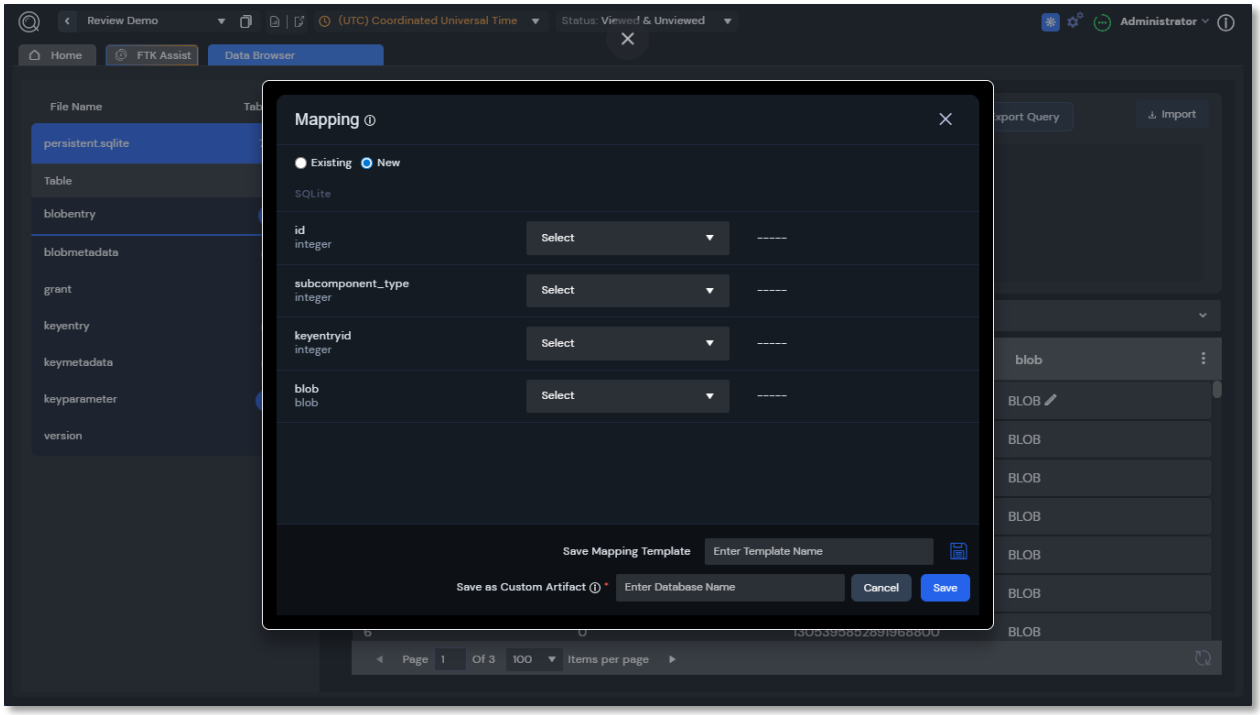
- **SQL Query Execution:** Features a dedicated development window where investigators can write and execute custom SQL queries, target specific tables and columns, sort or filter data, and save, import, or export .sql files for reuse across investigative teams.
- **Quick Search Capabilities:** Delivers an accelerated alternative method of text-based searching directly within the currently selected table and saved search support.
- **Natural Language Query Generation:** Translate plain-language requests such as ‘’Show all records created today” or "Find all messages sent by a specific user" into fully executable, valid SQL queries that can be reviewed and saved.

  Prerequisite: *You need to configure the AI server and LLM server from the Exterro Intelligence (AI) section of System Management*

- **Filtering, Sorting, and Data Analysis:** Equips reviewers with tools to sort table data by any column and apply column-level value filters to rapidly identify relevant records out of massive database pools.

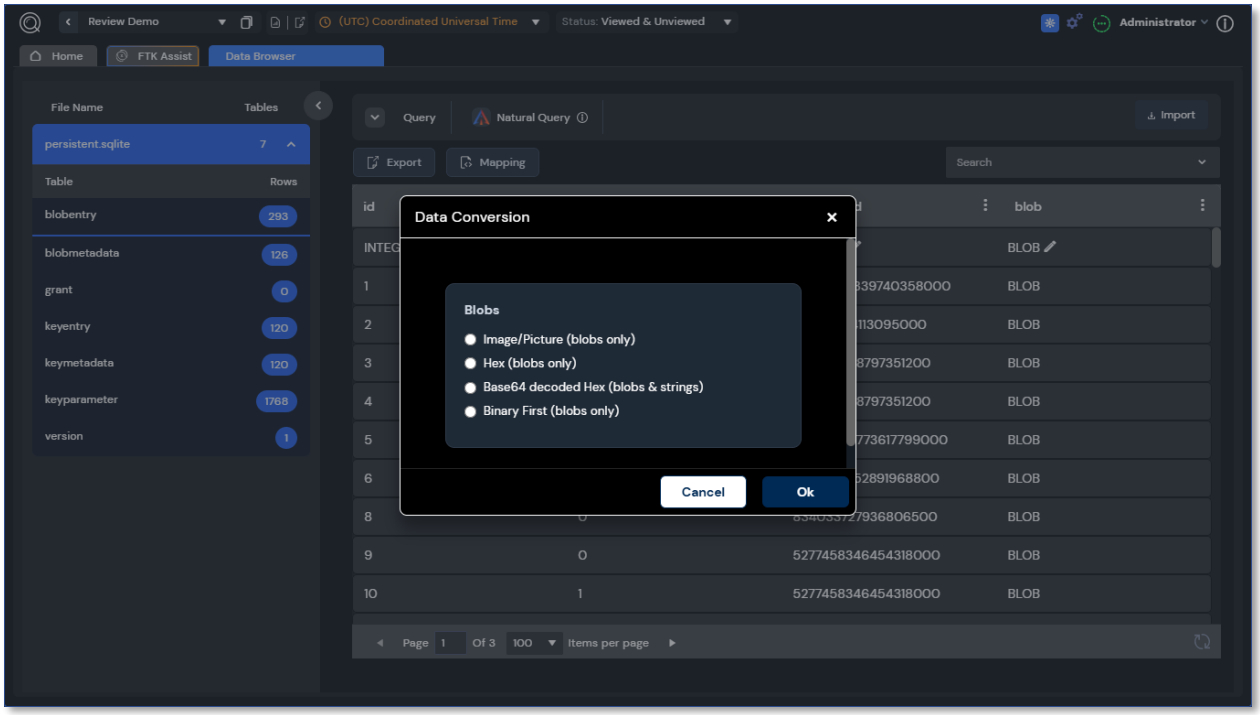


- **Custom Artifact Creation and Database Mapping:** Investigators can map columns from the database tables to FTK system fields and values. Mapped records are saved as Custom Artifacts, appear as a dedicated column set, and are fully indexed and searchable within Review.



- **Custom Artifact Visibility within Review:** Integrates custom-generated artifacts fully into the Review workspace under the new Custom Artifacts section in the Explorer.

- **Data Conversion and Field Interpretation:** Provides built-in conversion capabilities for raw strings, Boolean variables, and Binary Large Objects (BLOBs), deciphering fields into decoded formats. Built-in data conversion allows you to convert raw strings, Booleans, and BLOBs into readable, usable values for your investigation.



- **Exporting Database Content:** Facilitates data exports of entire tables, custom filtered results grids, or raw SQL query results into standard CSV format.

- **Advanced Database Structure Analysis:** Delivers deep forensic visibility into complex database operational changes, allowing users to view Write-Ahead Log (WAL) changes, identify uncommitted records, and use visual indicators to track added, modified, or deleted rows within the 'walchangetype' column.

  Note: *The 'Include WAL file' toggle will be accessible only if a WAL file is present for a database object.*

- **Permissions, Security, and Audit Logging:** Restricts advanced functionalities (such as creating/deleting custom artifacts, saving searches, or exporting data) behind permissions while automatically generating immutable audit logs for all critical artifact actions.

1.6 Agents & Remote Collections

1.6.1 General Updates

1. The Collection creation page now features a new 'Processing Manager' field, allowing you to directly select the Distributed Processing Manager (DPM) responsible for handling the collection. This enhancement delivers the following benefits: ***(ER-31599)***
    - Configure the DPM assignment directly within the FTK Central UI, eliminating the need for manual updates to the application's configuration file.
    - Gain the flexibility to define distinct DPMs on a per-collection basis, rather than relying strictly on the default settings in the configuration file.
2. FTK Central introduces the ability to specify an Amazon S3 location (a designated folder or subfolder within an S3 bucket) as the destination path for Windows, Linux, Mac, and Remote Mobile Discovery (RMD) collections. This optimization streamlines cloud data routing pipelines and preserves local disk space on collection servers. ***(ER-38746) (ER-38715)***

    You can configure the required S3 location from the new 'AWS Results Path' field in the collection creation page.

    Notes:

    - The 'Upload to AWS Results Path' field will be displayed only when the *new 'AWS S3 Path for Collection' option is enabled in the Case Defaults page.*
    - *Only the AWS S3 locations already configured in the 'AWS S3 Management' section of FTK Central 'System Management' will be displayed as dropdown options for the 'AWS Result Path' field.*

3. **FTK Central Collection Report Enhancements**

The FTK Central (FTKC) System-Wide Collection Report has been updated to break down collection metrics on a per-custodian basis. The report also maps collected data directly to individual custodians across all target sources including MS Teams, OneDrive, Exchange, Network Shares, etc., while recording exact data sizes, collection dates, and case identifiers.

This enhancement gives enterprise investigators and project managers clear visibility into collection metrics for every individual collected from.

Key Features:

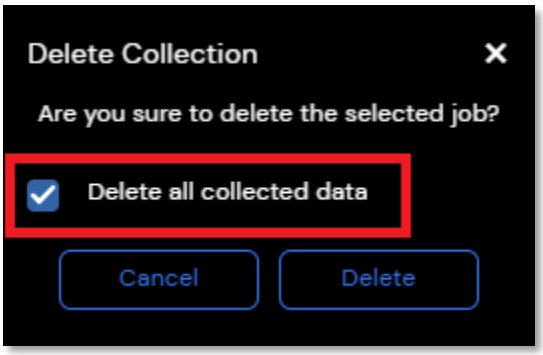
- **Granular Custodian Tracking:** Displays dedicated columns for Custodian Name, Email ID, Case Name, Case ID, Collection Source, Size, and Date Collected for accurate auditing.
- **Seamless Handling of Missing Data:** Automatically inserts “N/A” into blank fields whenever custodian details are incomplete, maintaining consistent and clean report layouts.
- **Reliable Multi-Custodian Support:** Accurately separates and matches data sources and file sizes across multi-custodian jobs eliminates confusion across complex jobs.
- **Flexible Multi-Custodian Framework:** The reporting framework has been optimized to handle complex jobs involving multiple custodians simultaneously. The spreadsheet format cleanly separates and matches each custodian's specific data sources and sizes without cross-contamination.

4. **Enhanced Collection Deletion Workflow**

You can now remove older collection records from the main dashboard while keeping your underlying forensic data completely intact in its physical storage path. This allows you to keep your user interface clean and fast in high-volume environments without risking historical evidence files.

To perform this action, enable or disable the new 'Delete all collected data' option while deleting a collection:

- **Enabled:** The collection tracking entry will be removed from the user interface and the associated forensic files will be permanently deleted from their physical storage paths.
- **Disabled:** The collection tracking entry will be removed from the user interface but the underlying collected data will be completely intact at its physical file location for historical retention.



5. Agentic Remote Investigations

A new informational page for Agentic Remote Investigations is now available within the Collections module. Clicking the new 'Agentic Remote Investigations' button in FTK Central Collections opens an overview of this offering, providing users with a preview of the capabilities and possibilities of automated, agent-led forensic workflows. ***(ER-38693) (*ER-38600*)***

6. Site Server Certificate Compatibility

Starting with version 8.3, the Site Server architecture has been upgraded to support OpenSSL 3.5.5 and SHA256 signatures to ensure adherence to modern security compliance and encryption standards.

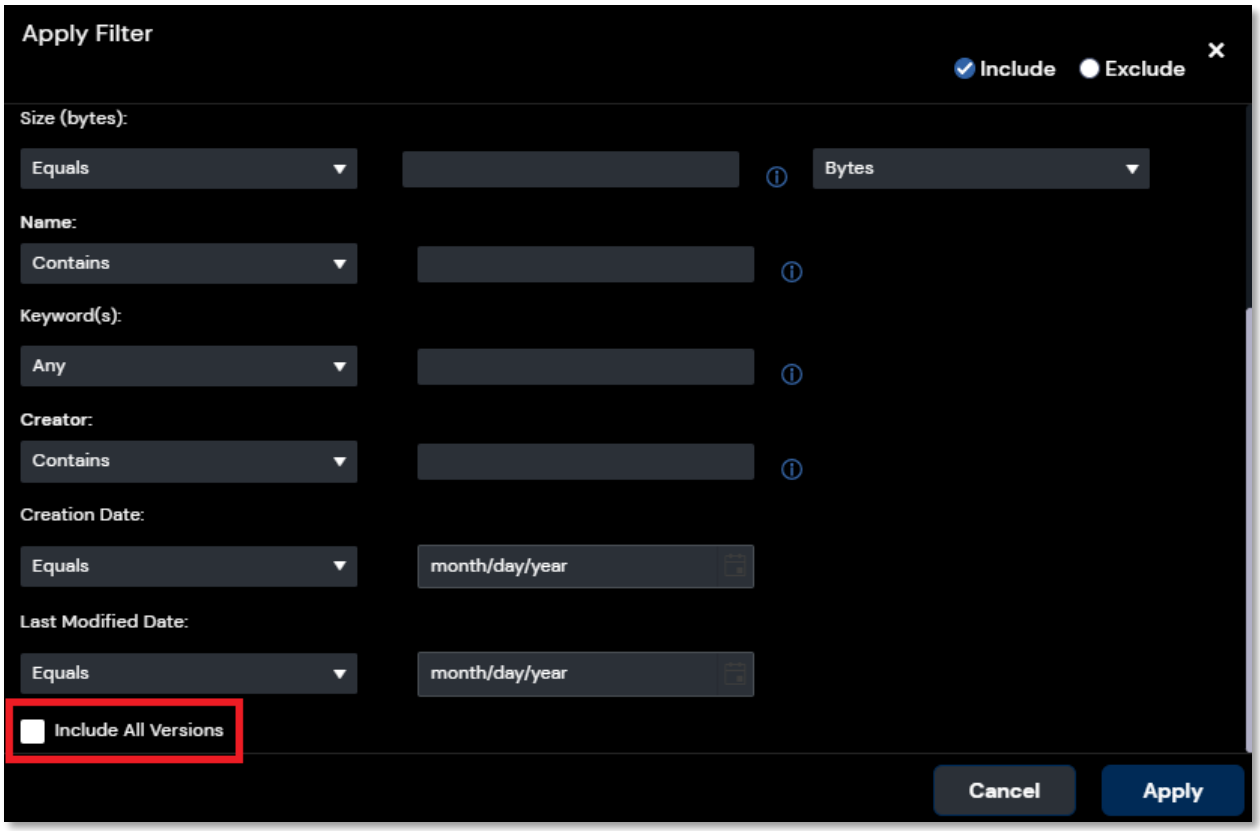
Due to these underlying security upgrades, legacy certificates generated using older versions of the agents and Certman utility are no longer fully compatible with the 8.3 Site Server.

Important Action Required: *Applying an older certificate will cause the system to repeatedly prompt for a password without showing an explicit error message. To resolve this, generate and apply new SHA256-compliant certificates using the updated 8.3 Certman utility prior to applying settings.*

Note: *Please refer to the FTK 8.3 OpenSSL Migration Advisory guide for more information before upgrading environments involving site servers and agents.*

7. OneDrive Connector: Multi-Version File Collection (Graph API)

The collection process from OneDrive connector via Microsoft Graph API has been enhanced to collect all historic versions of a file to provide investigators with comprehensive forensic visibility into document histories. You can perform this action by enabling the new 'Include all versions' checkbox in the 'Include' filter while configuring the OneDrive Collection in FTK Central.



Note: *To maintain a clear distinction in the repository, collected files are automatically appended with a version tag using the following naming convention:*

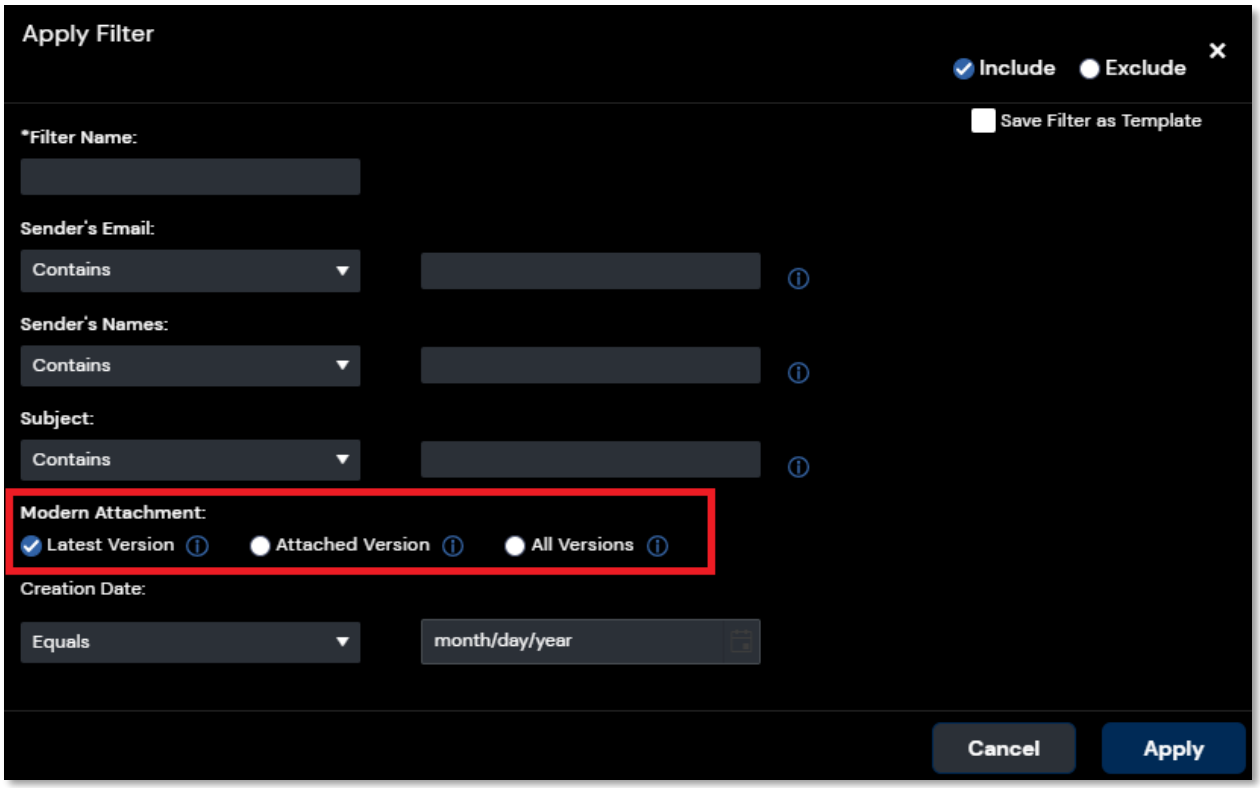
<ObjectName (Version_X.X).ext>

Example: *Document (Version_1.0).pdf, Document (Version_2.0).pdf.*

8. Modern Attachments for Exchange Online (Graph API)

FTK Central Collection now retrieves Modern Attachments from Exchange Online. The system targets and collects the exact historical versions of these shared cloud assets based on the specific timeline of your investigation.

This enhancement can automatically capture cloud-hosted email attachments as they existed at the exact moment (and earlier versions) an email was sent or received. It gives investigators full visibility into dynamic cloud files directly within the ingest pipeline, ensuring a complete and accurate chain of evidence without requiring manual download steps.



To use this feature, set the new **Modern Attachment** field under the **Include** filter when configuring an Exchange Online collection:

- **Attached Version:** Collects the file version dated exactly at or immediately before the message's sent timestamp.
  Example: If an email was sent on August 1, 2023, at 4:07 AM, and the available file revisions are dated July 30 (11:34 PM) and August 1 (6:15 AM), the system retrieves the July 30 version.
- **Latest Version:** Collects the most up-to-date iteration of the document available on OneDrive or SharePoint at the moment the collection job runs.
- **All Versions:** Automatically parses the file's history and extracts every available version created up to the collection time.

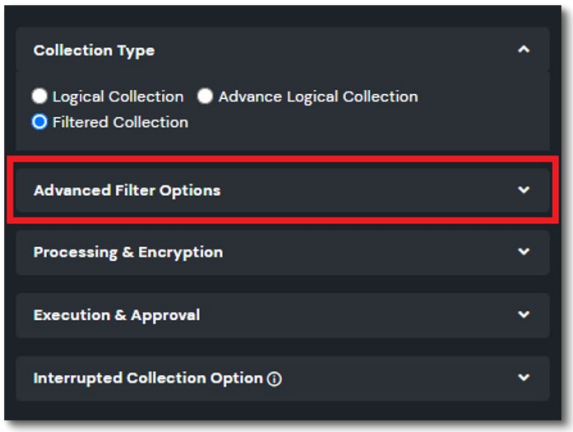
Note: *For All Versions, files are systematically appended with version tracking indicators to prevent conflicts: <ObjectName (Version_X.X).ext>.*

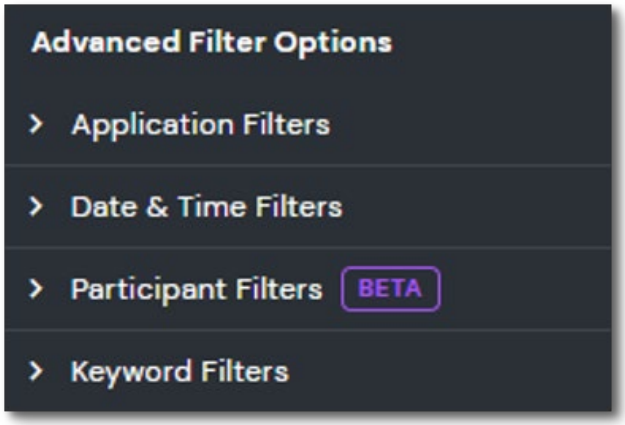
9. FTK Site Server now retains only the 20 most recent logs to optimize memory usage. ***(ER-31545)***

1.6.2 Remote Mobile Discovery

1. Advanced Filtering (BETA)

Advanced Filtering is now available in Beta, offering new tools to help users narrow down their mobile discovery collections. By utilizing participant mapping, keyword searching, and day-of-week parameters, users can bypass irrelevant data and collect exactly what they need.



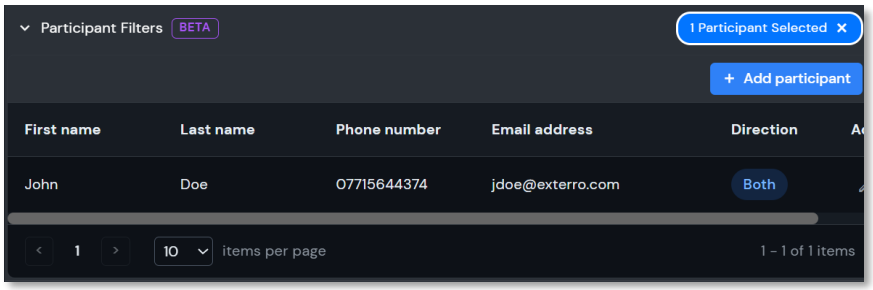


2. Participant Filtering

You can now narrow down mobile data collection to specific individuals. For example, if you only need to review conversations between the device owner and a specific individual ("Person B"), you can apply a filter specifically for Person B.

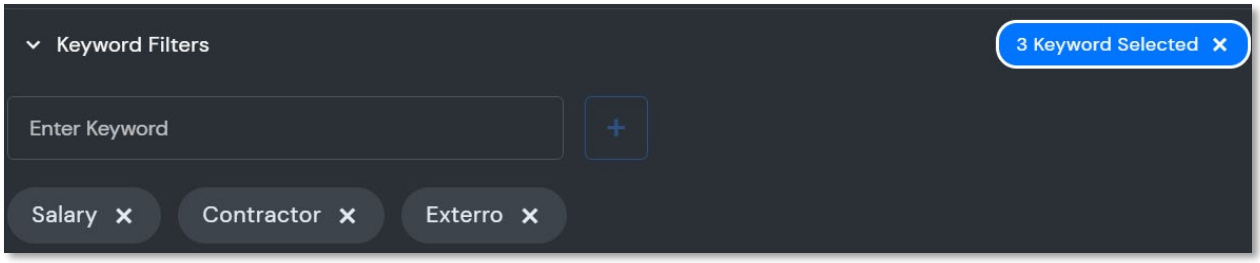
To achieve this, the application intelligently cross-references phone numbers, email addresses, and contact names whilst allowing users to define a direction of communication (To/From/Both).

***Note**: Since contact metadata and formatting can vary wildly across different devices, carriers, and messaging applications, you may occasionally see slight variations or over-inclusions in the collected data. We are actively refining this logic. As this feature is currently in Beta, please refer to the Open Issues section at the bottom of these notes for known behaviors.*



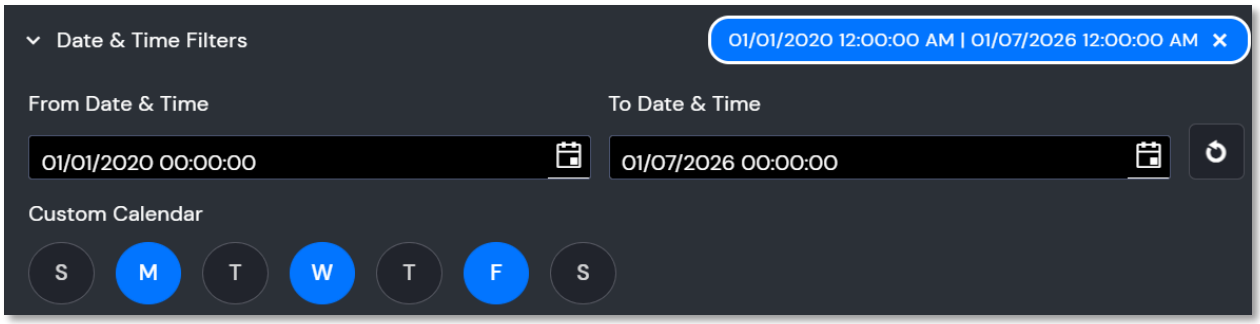
3. Keyword Filtering

Focus your discovery by filtering communication data based on specific content. This feature utilizes simple searching and supports exact whole words or phrases, allowing you to isolate relevant communications quickly.



4. Date & Day-of-Week Filtering

You can now use day-of-week filters alongside date ranges to control the exact days your communication data comes from. Instead of loading every single day in a wide range, you can pick specific days like only Mondays, Wednesdays, and Fridays to focus strictly on key shifts or weekly patterns without extra noise.



1.6.3 MacOS Agent

1. Mac Collection Performance Optimization

The Mac collection process has been optimized to improve performance and reduce network overhead by leveraging a local staging directory. Instead of writing data directly to the network case repository during active collection, the system handles heavy mid-process operations on local storage and automatically transfers the finalized logical evidence file (.ad1) once compilation is complete. (ER-38850)

This enhancement allows you to route intensive Mac data collections through high-speed local storage before moving the finished evidence file to its final location. By utilizing localized disk performance, it prevents network bottlenecks and significantly accelerates collection timelines on Mac endpoints.

You can choose to enable or disable this workflow by configuring the new 'UseMacLocalTempResponsivePath' and 'FileUploadStorageRoot' property within the ADG.WebLabSelfHost.exe configuration file.

UseMacLocalTempResponsivePath Properties:

- **true** - The raw incoming data and working .ad1 file are generated inside the high-speed FileUploadStorageRoot path (C:\temp). Upon successful collection completion, the finalized .ad1 package is moved automatically to the designated Job Folder (established in the Case Defaults path).
- **false** - The staging logic is bypassed, and the agent writes the .ad1 file directly into the primary configured Job Data Path. This fallback provides flexibility for environments that prefer direct network storage or lack secondary localized volumes.

FileUploadStorageRoot Property:

- Requires a single path to be configured. This path will behave as the staging directory for collected data before being transferred to the Job Data(case default) location.

2. Installer Conversion for macOS Tahoe (26+)

The Mac Agent has been completely converted from a .pkg framework into a standalone .app bundle. This architecture shift streamlines the Full Disk Access permission assignment, integrates smoothly with deployment platforms and ensures stable background operations on macOS Tahoe and later.

Standardized Installation Paths & Upgrades

- **Default Install Directory:** The agent installs directly to the standard application path: /Applications/ExterroEnterpriseMacAgent
- **Automated Legacy Cleanup:** Upgrading from an older package-based agent (e.g., v1.1.0.47) automatically wipes out deprecated files from the legacy /Library/ExterroEnterpriseMacAgent folder, ensuring a clean system state.

3. Resume Capability for Mac Agent Collections

Mac Agent now features Collection Resumptions. The Mac Agent now intelligently tracks, stores, and retains its collection progress state in real time. If a collection is interrupted by network instability, system sleep cycles, or hardware disconnections, the agent automatically picks up exactly where it left off. This ensures seamless continuity for large-scale forensic and enterprise collections - saving critical time and significantly reducing resource strain on your endpoints.

Key Features & Enhancements

- **Progress Logging:** The Mac Agent now retains its exact collection state during collections.
- **Delta Comparison on Reconnection:** Upon reconnecting after an interruption, the agent automatically compares the source data against its stored progress log to identify the remaining delta.

4. Mac Agent: View Collections for Filtered Collections

Existing macOS collections and their collection options can now be viewed using the 'View Collections' option. This capability lets you review the setup choices, applied filters, and targeted endpoints for historical collection jobs.

- **Clear Historical Record:** View details like metadata, execution types, target drives, and filters exactly as they were configured.
- **Safer Audits:** A read-only interface prevents unintended edits or resubmissions.
- **Simple Navigation:** Simple page-by-page controls let you move easily through past settings.

5. Reporting for Mac Collections (Details, Results, and Error Reports)

Mac Agent collections now feature comprehensive reporting capabilities. You can generate detailed collection reports directly from the interface using the new 'Reports' button added to the Mac Collection Details page.

The following are the three newly introduced reports:

- **Details Report:** Captures the full end-to-end setup and administrative history of the collection job across all standard wizard pages (with the macOS-specific omission of the Computer Advanced Options section).
- **Results Report:** Provides a granular breakdown of data targets retrieved during processing, covering Collection Stats & Computer Totals, File Breakout & Filters Applied, Collected Files & Failed Files, and Collected Disk Images.
- **Error Report:** Delivers a dedicated log for auditing missing files, permission blocks, or process failures using the exact structural alignment of standard Windows collection logs.

1.6.4 Linux Agent

1. ARM64 (AWS Graviton) support for Linux Agents

We have updated our Linux collection agents to fully support ARM chipsets, allowing you to seamlessly target and collect data from modern cloud infrastructure.

- AWS Graviton Optimization: Primarily optimized for AWS Graviton processors, ensuring reliable performance on these highly efficient cloud instances.
- Seamless Workflows: Deploy agents and complete your full collection workflows on ARM-based cloud machines using the exact same methods you use for standard x86 infrastructure.

2. Linux Memory Acquisition Collection: Dynamic Module Handling

The Linux memory acquisition framework has been overhauled with a Dynamic Module Distribution model. The system now automatically detects and logs kernel version information to aid in scenarios where memory acquisition jobs fail due to incorrect memory modules. This information can be shared to Exterro to produce a memory module compatible with your system.

1.6.5 Windows Agent

1. Enhanced Check-in Behavior for Remote Mobile Discovery Agents

An automatic check-in is now triggered instantly by the Windows agent the moment a mobile device is detected, eliminating interface latency and synchronization delays within the User Interface by approximately 50%.

2. Removal of Fallback Check-In on TCP

The Site Server and Agent communication architecture now strictly enforces encrypted HTTPS check-ins at all times.

Key Features & Technical Enhancements

- Strict HTTPS Enforcement: The system communication protocol is locked exclusively to HTTPS. If a secure check-in fails due to a network boundary or certificate issue, the agent will never drop back to an unencrypted TCP port (e.g., legacy port 54545).
- Port Exhaustion Prevention: Removing the secondary TCP polling loops eliminates the risk of port overloading and performance bottlenecks on the Site Server caused by high volumes of legacy fallback connection attempts from misconfigured or offline agents.

3. Parameter-Controlled Remediation Module Installation

A new enhancement now allows users to control whether the Remediation module is included when deploying agents to target endpoints. This enables security-conscious organizations to remove invasive capabilities such as killing processes or executing arbitrary commands; directly during installation without modifying core application packages.

Key Features & Technical Enhancements

- Installation Argument: The command-line installer supports the new REMEDIATION deployment parameter.
    - REMEDIATION=1 (Enabled, Default Setting): Standard deployment containing full endpoint remediation tools.
    - REMEDIATION=0 (Disabled): Hard exclusion mode; the remediation components are blocked from being able to run on endpoints.

- Granular Functional Lockdown: When remediation is disabled, the module binaries are omitted from the target machine. Any subsequent Agent Scan attempts targeting that agent will instantly fail for the following actions:
    - Kill by Name / Kill by ID
    - Execute Command
    - Send Command & Delete Command (outside of specifically whitelisted system paths)

4. Mandatory Run-Time Script Validation for CAB Requests

To eliminate broad deployment failures caused by configuration errors during Out-of-Band agent upgrades using Cabinet (.cab) files, a strict script validation framework has been implemented. The migration workflow now enforces a verification check on internal package commands before executing version updates or security certificate migrations.

Users must share a validated MSI Script (Agent Deployment Commands) with Exterro. Failure to validate MSI scripts may result in faulty deployments.

Key Features & Technical Enhancements

- **Enforced Configuration Validation:** The upgrade now strictly requires the presence of an execution script file named exactly agentinstallcommands.txt within the root of the uploaded .cab structure.
- **Safe Staging Isolation:** Upon validating the agentinstallcommands.txt file, the script parameters are safely extracted to the local endpoint environment. The deployment workflow then reads the instructions to install new agents and provision new public certificates simultaneously.

1.7 Authentication

1. FTK Central now supports SCIM provisioning with Microsoft Entra ID (Azure AD) and Okta identity providers. This capability can be used alongside SAML to enable automated user and group provisioning while providing seamless single sign-on (SSO) authentication.

1.8 Technical Upgrades

1. PostgreSQL has been upgraded to the 18.4.0.3 version.
2. Site Server has been upgraded to 8.3.0.138
3. FTK Windows Agent has been upgraded to 8.3.0.120
4. FTK Linux Agent has been upgraded to 8.3.0.28
5. FTK Mac Agent has been upgraded to 1.1.1.39
6. FTK Site Server Ports are enhanced to support Transport Layer Security (TLS) v1.3 ***(ER-27036)***

2 Resolved Issues

1. Resolved an issue where the 'Total Document' and 'Completed Document' counts were not updated in the 'Search Count Report' job details page in the Job Queue. ***(FTKC-67874)***
2. Resolved an issue where the 'Custom' column sets selected in the FTK Central Review page were reverted to 'General' column sets upon clearing the search filters. ***(FTKC-68173)***
3. Resolved an issue where users were unable to create Distributed Processing Managers (DPM) or Distributed Processing Engines (DPE) using a Fully Qualified Domain Name (FQDN). ***(FTKC-59077)***
4. Resolved an issue where users were unable to apply geo locations as filters by clicking on the location tags in the Map view of the FTK Central Review page. ***(FTKC-58546)***
5. Resolved an issue where users assigned with the 'Power User' or 'Project/Case Administrator' role were unable to view the labels in the FTK Central Review page. ***(FTKC-55755)***
6. Resolved an issue where users assigned with the 'Case Reviewer' role were unable to apply the 'File & Email' (Common Filter > Object Types > Files & Email) filters in the FTK Central Review page. ***(FTKC-55193)***
7. Resolved an issue where the List View in the FTK Central Review page did not reset to the first page after selecting evidence from the All Evidence filter. ***(FTKC-53812)***
8. Resolved an issue where the comments of bookmarks applied to files in the Review page were not displayed in the Details Report generated from FTK Central. ***(FTKC-52689)***
9. Resolved an issue where the values of date fields in the Coding Panel of the FTK Central Review page were displayed in the MM/DD/YYYY format regardless of the format configured by the user in FTK Central. ***(FTKC-47077)***
10. Resolved an issue where the **'All Case fields'** dropdown, displayed when editing an Export template in the FTK Central Review page, did not display custom fields that were added to the case after the template was created. ***(FTKC-47046)***
11. Resolved the following issues that occurred while performing the search operation in the FTK Central Review page: ***(FTKC-38909)***
    - The search was not performed after providing the terms and clicking on the 'Search' icon.
    - The search was not cancelled upon clicking on the 'Cancel Search' button.
12. Resolved an issue where some residual files related to deleted evidence remained in the case folder. ***(FTKC-32049)***

13. Resolved an issue where the 'Head of Family ID' column was not displayed in the 'Family' tab of the 'Info' pane in the FTK Central Review page. ***(FTKC-37745)***
14. Resolved an issue where the custodians deleted in Smart View (FTK Central) were displayed while creating Evidence Groups in FTK. ***(FTKC-36032)***
15. Resolved an issue where a delay occurred while selecting/deselecting multiple files in the List View of the FTK Central Review page. ***(FTKC-64396)***
16. Resolved an issue where redaction selections made for some of the keywords via the 'Add Mark' feature in the Image View of the FTK Central Review page were removed after navigating between different files. ***(FTKC-52939)***
17. Resolved an issue where the filters selected for columns across FTK Central were not applied after pressing the 'Enter' key. ***(FTKC-17077)***
18. Resolved an issue where users were unable to select a date using the calendar date picker in the date fields of the 'Include/Exclude' filter for Mac Collections. ***(ER-38762)***
19. Resolved an issue where users were unable to download the Site Server log files and Responsive files larger than 10 MB from the FTK Central Collection details page. ***(ER-20319)***
20. Resolved an issue where text messages collected from the backup of an iOS mobile device were not displayed in the Native view of the FTK Central Review page. ***(NC-4427)***
21. Resolved an issue where an incorrect status was updated for the 'WifiEnabled' column displayed in the Exterro mobile device manager module. ***(NC-4321)***
22. Resolved an issue where the number of logs recorded for the Site Server exceeded the maximum limit of 20 logs. ***(ER-31545)***
23. Resolved an issue where the details page of a Gmail collection did not display the live file count update. ***(ER-31549)***
24. Resolved an issue where users were able to select non-certificate files in the 'AD1 Certificates' section of System Management in FTK Central. ***(ER-36809)***
25. Resolved an issue where some of the Site Server Ports did not support Transport Layer Security (TLS) v1.3. ***(ER-27036)***
26. Resolved an issue where reminder notifications were incorrectly sent to all users of LitHolds after applying a hotfix patch to the FTK Suite. ***(FTKC-73097)***
27. Resolved an issue where the temp files within the selected folders were not collected upon triggering a Remote Collection on a Linux system. ***(FTKC-68962)***

28. Resolved an issue where some non-English messages were not displayed correctly in the Native view of PST files generated from Microsoft Teams collections in FTK Central. ***(FTKC-49692)***
29. Resolved an issue where no error message was displayed when a user clicked on 'Add Evidence and Process' button after adding evidence from the Case Summary page without selecting a Processing Manager. ***(FTKC-57383)***
30. Resolved an issue where users were unable to delete files from the AWS S3 buckets configured in the AWS S3 Management section of the FTK Central System Management page. ***(FTKC-67024)***
31. Resolved an issue where the uninstallation of the Exterro SAML service failed when it was installed on a non-system drive. (for eg: other than the C: drive) ***(FTKC-64783)***
32. Resolved an issue where Microsoft Word and Adobe PDF files were not indicated as 'Viewed' after viewing those files' content in the 'Native' viewer of the FTK Central Review page. ***(FTKC-60474)***
33. Resolved an issue where the font size of the locations displayed in the Map view of the FTK Central Review page was too small. ***(FTKC-57091)***
34. Resolved an issue where an incorrect 'FTK Username' was displayed for the 'Add Evidence' log displayed in the JobInformation.log file of FTK Central. ***(FTKC-55194)***
35. Resolved an issue where an incorrect success message was displayed upon applying bookmarks in bulk from the FTK Central Review page. ***(FTKC-51865)***
36. Resolved an issue where hot keys were not working in the additional tabs opened in the FTK Central review page. ***(FTKC-53718)***
37. Resolved an issue where multiple user accounts were created with the same email address in FTK and FTK Central.
38. Resolved an issue where specific file download operations could allow arbitrary file downloads using the API. ***(FTKC-61847)***

3 Open Issues

1. Only one file within an image stack is tagged after selecting and applying tags to the entire stack in Thumbnail View. ***(FTKC-28133)***
2. Large images embedded in the email files are not properly displayed in the Native viewer of the FTK Central review page. As a workaround, you are recommended to use the Image viewer for the review process. ***(FTKC-68175)***
3. Within the Evidence Processing configuration of FTK Central, the 'Abbyy FineReader' option in the 'OCR Options' pop-up is not disabled, when the Abbyy FineReader application is not installed on that machine. ***(FTKC-70761)***
4. When switching between case Review pages from the Case List, FTK Assist conversation history from the previously viewed case is incorrectly displayed in the newly selected case, even if the new case has not been preprocessed. ***(FTKC-72619)***
5. On the Review page, when some files are manually selected before using **Select All** on datasets containing more than 50,000 files, the displayed selection count includes the manually selected files. However, the background job count excludes them. As a result, the two counts may differ. ***(FTKC-72480)***
6. In FTK Central, once the 'Delete' operation is initiated for a Case, the process cannot be halted even if you cancel the corresponding Job in the Job Queue. ***(FTKC-72134)***
7. The AI summaries are not generated for chat conversations that contain more than 13,000 messages, a lot of noisy data, or HTML tags. ***(FTKC-59490)***
8. In FTK, when you add a .adal file as evidence using the 'Add Remote Data' option, the XML structure is displayed instead of the imported agent in the 'Browse and Select Nodes' section. ***(FCR-71429)***
9. In the FTK Central Review page Chat Viewer, the owner name and mobile number are not displayed for mobile device chats when the user does not have a display name. ***(NC-4690)***
10. Count discrepancies occur between the mobile browser data categories displayed in FTK, FTK Enterprise, and FTK Central. ***(FCR-71397)***
11. The 'Summarization' pane opens before the summary is generated when 'AI Summarization' is initiated for a file on the FTK Central Review page, resulting in an initially empty pane until the job completes. ***(FTKC-59495)***
12. For the Microsoft Teams chats collected via the Exchange data source in FTK Central, the attachments in the chats are not displayed in the 'Family' tab of the Info pane on the Review page. ***(FTKC-49877)***
13. In the FTK Central Review page, changing the timezone (different from the one that was used to process the case) results in the Mini Timeline displaying no records after selecting date events from the Info pane. ***(FTKC-43416)***

14. The 'Case Restore' job's status is marked as 'Failed' in the Job Queue even when the corresponding case is successfully restored in FTK Central. This issue occurs only in the PostgreSQL database. ***(FTKC-74221)***
15. The PST creation job fails after collecting messages with attachments from the Gmail data source in FTK Central. ***(ER-39572)***
16. The following issues occur after performing the Remote Mobile Discovery (RMD) collection with 'Advanced Filters' configurations:
    - Quoted messages are not displayed in the Chat viewer of the FTK Central Review page. ***(NC-4683)***
    - Incorrect collection size is displayed in the Collection details page. ***(NC-4598)***
    - Messages with attachments are not collected from chat applications. ***(NC-4681)***
    - Selecting specific participants in the 'Participants' filter may result in the collection of messages from participants who were not selected. ***(NC-4676)***
    - Calendar events added in the chat messages are not collected. ***(NC-4736)***
    - Chat attachments are not collected from the imo and Skype applications. ***(NC-4620)***
    - The system-generated information for the following events in a chat application is not properly displayed in the Chat Viewer of the FTK Central Review page: ***(NC-4735)***
        - Voice Call and Video Call Information
        - Contact Added/removed from group
        - Default or admin messages from the applications
        - Mentioned by someone
    - Chat threads between the participants configured in the 'Participants' filter are not being consolidated into single conversations when messages span across multiple dates. ***(NC-4669)***
    - Inline attachments are displayed as separate attachments on the FTK Central Review page for some chat applications. ***(NC-4628)***
    - The filter fields in the 'Participants' section operate as a contains search rather than performing an exact search. ***(NC-4719)***
    - An incorrect warning is displayed when a user clicks on 'Save' without providing the filter values in the 'Participants' filter section. ***(NC-4684)***
    - The group conversations collected from mobile devices are not categorized within the 'Chat Applications' filter of the Explorer pane in the FTK Central Review page. ***(NC-4616)***
    - IDs are displayed instead of the user names for some chat message senders on the FTK Central review page. ***(NC-4720)***

- Some data are not collected from Skype and Kiki applications while using email addresses and phone numbers as filters. ***(NC-4642)***
- Reactions, stickers, and emojis are not collected. ***(NC-4629)***
- URL links and geo locations present in chats are displayed as plain text instead of hyperlinks. ***(NC-4739)***
- Some of the attachments in chat messages are not properly displayed. ***(NC-4763)***

17. For the collections displayed in the System Wide Collection Report, the FileUploadStorageRoot path (where the files are temporarily stored during collection) is displayed in the 'File Path' column instead of the Job data path (where the files are stored after collection completion). ***(ER-39579)***
18. The Mobile Triage module is automatically installed while installing the Exterro Agent even when the Remote Mobile Discovery (RMD) was not included in the agent. ***(ER-38970)***
19. The 'Total Collection Size' volume in the Collection details page displays the volume of the entire data instead of the exported RSMF file size. ***(NC-4598)***
20. The following issues occur after removing the following 'Common Filters' using the close icons against the filter chips in the FTK Central Review page: ***(FTKC-74452)***
    - Incorrect results are displayed after removing 'Size' and 'Status' filters
    - The associated child node filter chip is not removed when the parent filter node chip is removed for the following categories:
        - AI Processed Images
        - AI Summarized Item
        - Bookmarks
        - Issue
        - Production sets
        - Processed for Assist
        - Object Types

    Note: *These issues do not occur while removing the filters by unchecking them from the 'Common Filters' pane or using the 'Clear' button.*

21. When the 'Artifacts' parent node filter is applied, both parent and child filter chips are displayed. Removing the parent filter chip removes all child filter chips, but the parent filter chip remains visible. Additionally, the filtered results do not update and remain unchanged. This issue occurs only when one of the multiple child nodes are removed before removing the parent node. ***(FTKC-74457)***
22. Following the upgrades to the Angular framework, certain sections of the application might exhibit minor visual discrepancies. These graphical anomalies are strictly cosmetic, preserving both full functionality and the core user experience.
23. Some of the field names in the bulk operations pop-up (Labels, Bookmarks, and Coding Panel) are not clearly visible when the viewer is simultaneously opened in the FTK Central Review page. ***(FTKC-74476)***
24. Bulk operations cannot be performed for the files displayed in the following panes of the FTK Central Review page: ***(FTKC-74483)***
    - 'Email Conversation' tab of Info pane.
    - 'Family' tabs of Info pane while selecting (by highlight) only a single file.
    - 'Family' tabs of Info pane while selecting the thumbnails (by checkmark) without using 'Select All' option.
    - Search Term Excerpt pane while selecting (by highlight) only a single file.
25. Bulk operations cannot be performed for the files in List View without selecting them via checkmarks. ***(FTKC-74440)***
26. Incorrect counts are displayed for 'Total' and 'Filtered' after generating thumbnails for videos in the FTK Central page. ***(FTKC-74462)***
27. Date filters cannot be applied in the Timeline view when it is opened in a new tab from the FTK Central page. ***(FTKC-74353)***
28. Non-administrators assigned with 'Delete Review Sets' permission cannot delete the review sets in the Batch Administration page of FTK Central. ***(FTKC-73826)***
29. In the FTK Central Review page, the time picker in the 'Date Range' section of Timeline View is empty, and the values are displayed only when the user scrolls down. ***(FTKC-72766)***
30. The 'Portable case export Job' fails while trying to create a Portable Case consisting of one or more files tagged as 'Privileged' in the FTK Central Review page. ***(FTKC-74502)***
31. In the 'Advanced Filters' section of the Remote Mobile Discovery (RMD) creation page, users can select future dates. Also, the 'From' and 'To' date filters allow an invalid date range (where the 'From' date is later than the 'To' date). ***(NC-4584)***

4 Limitations

1. Due to Google API limitations, the following Google file types cannot be collected and processed in FTK Central: ***(ER-31658)***
    - Google Vids
    - Google Sites
    - Google Script
    - Google Maps
    - Google Forms
2. The following metadata field details are not displayed in the FTK Central Review page for the files collected from the Box data source: ***(ER-33138)***
    - Creator Name
    - Modified By
    - Owner Name
3. For messages collected from mobile devices using Remote Mobile Discovery (RMD), the 'Group Conversations' sub filter is not displayed under the corresponding 'Chat Application' artifact filter in the FTK Central Review page. ***(NC-4579)***

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.

For technical difficulties, support is available through support@exterro.com.

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