

FTK CENTRAL - T3K INTEGRATION GUIDE

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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.

Purpose of the Document

The purpose of this document is to explain how to configure and use T3K AI-powered image classification within FTK Central. It provides an overview of the feature, outlines the required configuration and permissions, and demonstrates how forensic examiners can use AI-generated image classifications to identify, filter, and review relevant visual evidence efficiently.

This document is intended for digital forensic examiners, investigators, FTK Central administrators, and technical teams responsible for configuring or using T3K Image Classification.

1 AI Image Classification Powered by T3K

Every investigation is a race against time, and manual image review remains one of the most time-consuming and mentally taxing stages of digital forensics.

With **T3K AI Image Classification** built natively into **FTK Central**, digital forensic examiners can instantly transform tens of thousands of unorganized images into categorized, prioritized evidence. By processing media directly within the FTK Central interface, examiners eliminate manual exports, accelerate key leads, reduce unnecessary exposure to traumatic content, and maintain full control over findings.

2 Prerequisites

Before utilizing T3K Image Classification in FTK Central, ensure the following administrative and configuration prerequisites are met:

- **T3K Service:** Installed, configured, and actively running on the host server.
- **User Permissions:** The user account executing the workflow must be granted the **Additional Analysis** permission in FTK Central.
- **Application Configuration:** The properties listed below must be manually configured in the FTK Central application configuration file.

3 Configuration Parameters

The following properties must be configured manually in the **Adg.weblabselfhost.config** file, located at **C:\Program Files\AccessData\Forensic Tools\8.3\bin**. Add these entries within the **<appSettings>** section of the file.

Parameter Name	Example / Default Value	Description
T3KBaseUrl	http://localhost:5000	The IP address or hostname and port where the T3K instance is hosted.
T3KHostSharePath	\\T3K-SERVER\T3KShare\T3K_CORE	The network share path containing the Docker Compose environment. This directory must be accessible over the network to export objects processed by T3K.

Note: Replace all example values with the specific paths and URLs of your organization's deployment. Verify network accessibility across all dependent service components before proceeding.

4 Step-by-Step Workflow

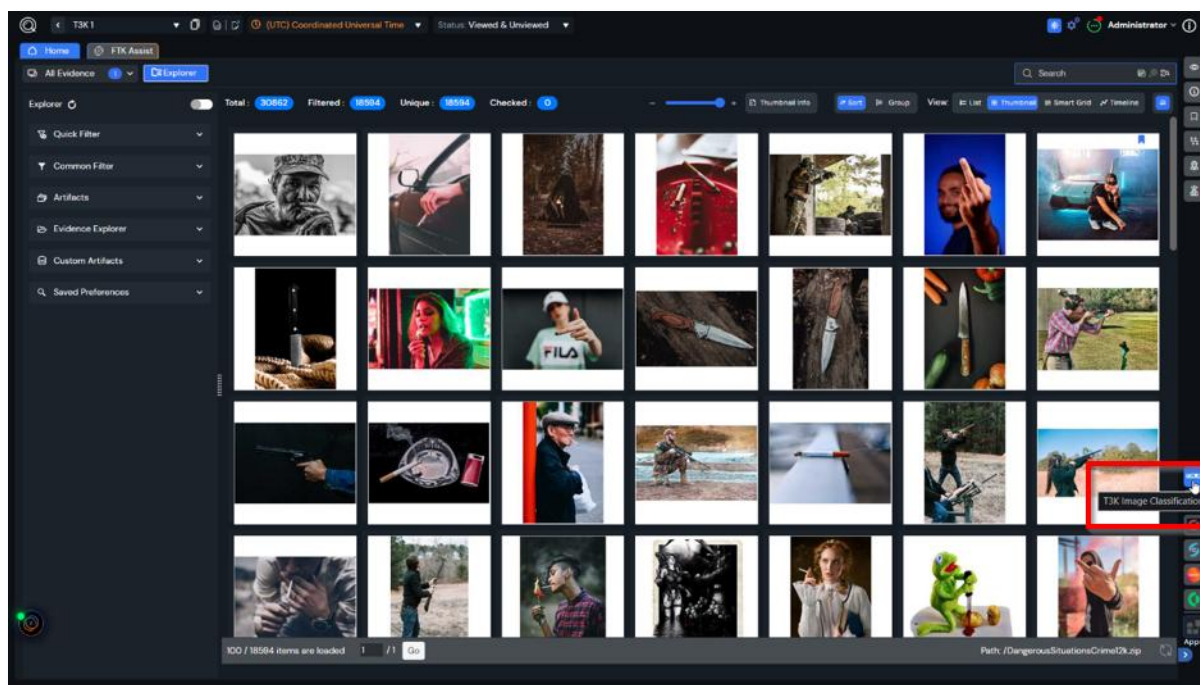
Once setup is complete, examiners can initiate image classification without leaving the case workspace.

Step 1: Open the Case & Access T3K

Steps:

1. Open the target case in **FTK Central Review** and switch to **Thumbnail View**.
2. Locate the **Apps Tray** on the right side of the screen.
3. Click the **T3K Image Classification** icon.

Example: The below image displays the demo case in Explorer displaying thumbnails and the T3K icon in the Apps menu in the bottom-right pane.

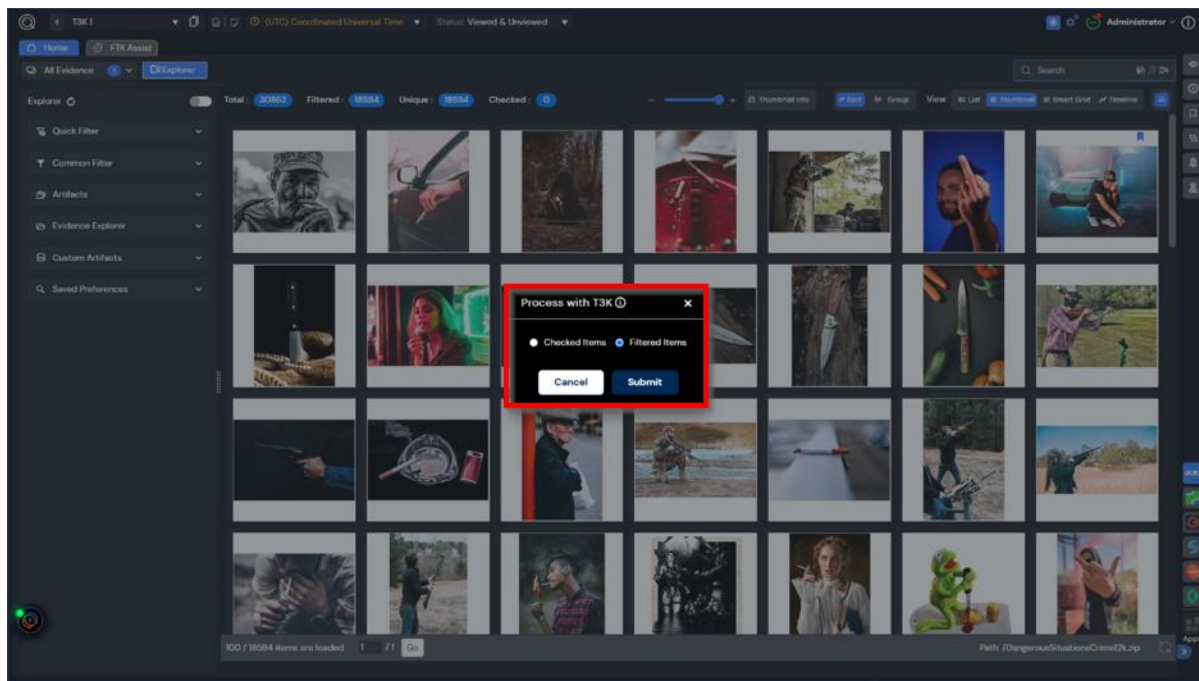


Step 2: Define the Analysis Scope

Clicking the T3K icon presents a selection window:

- **Checked Items:** Classify only hand-picked images selected in the current view.
- **All Filtered Items:** Classify all images matching the currently applied search or gallery filters (e.g., all 18,594 images in the working set).

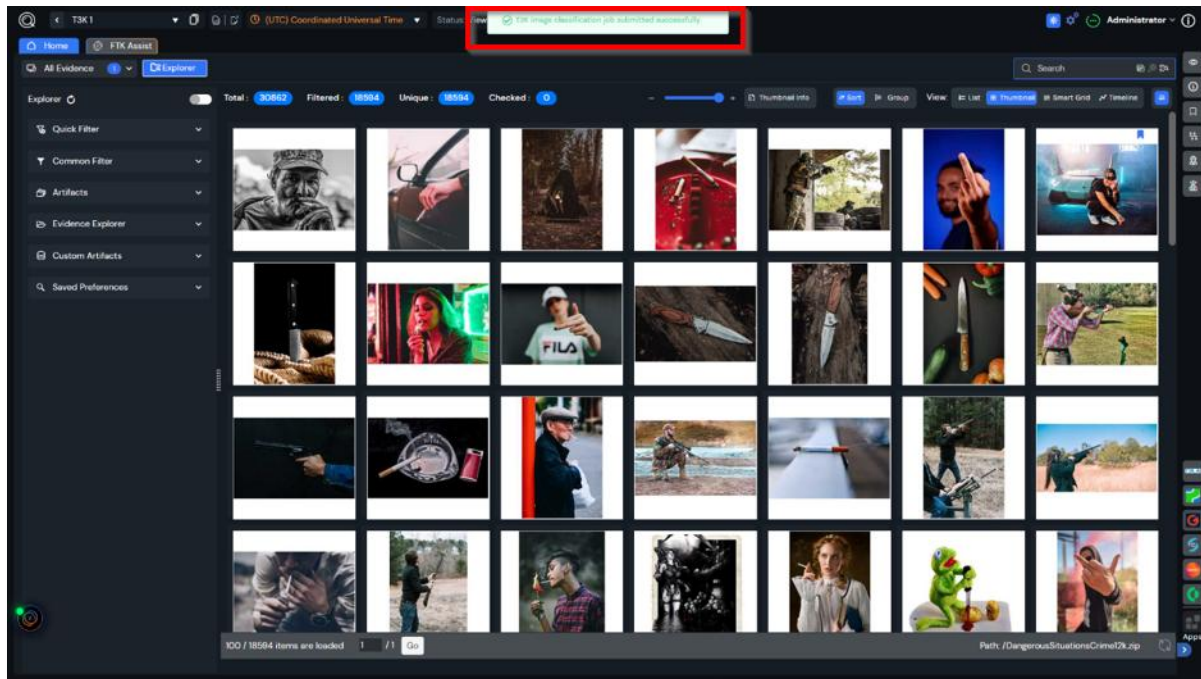
*Example: Selection dialog showing options for **Checked Items** vs **Filtered Items**.*



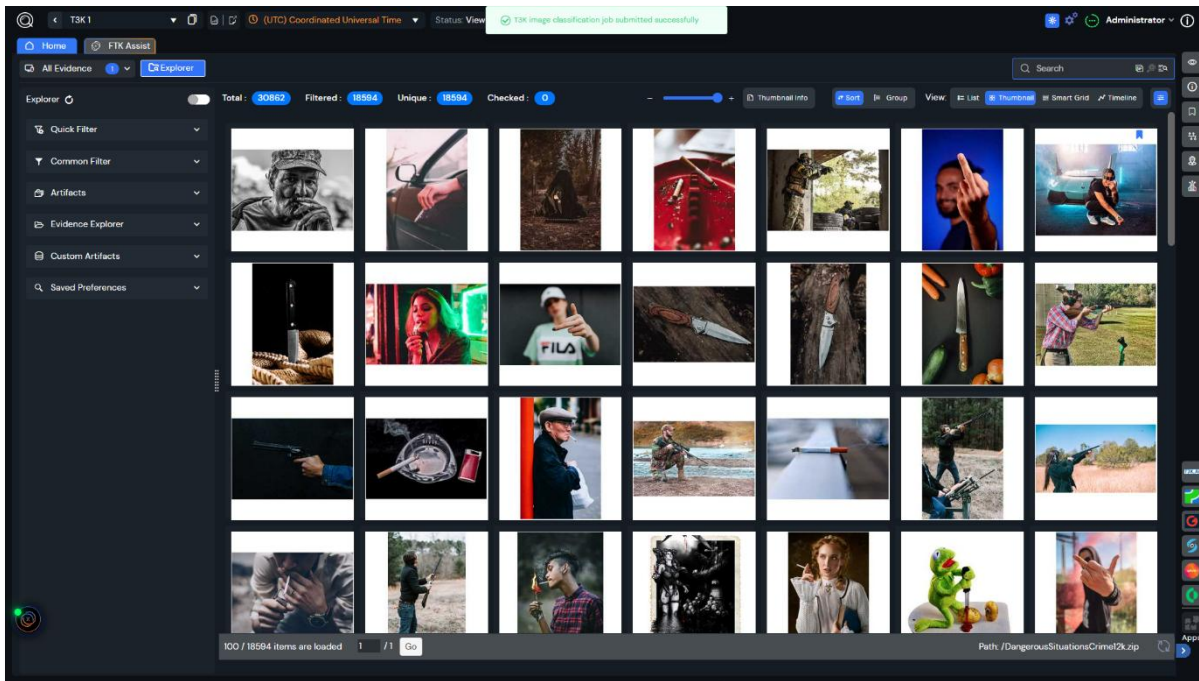
Step 3: Background Processing & Job Status

After confirming your selection:

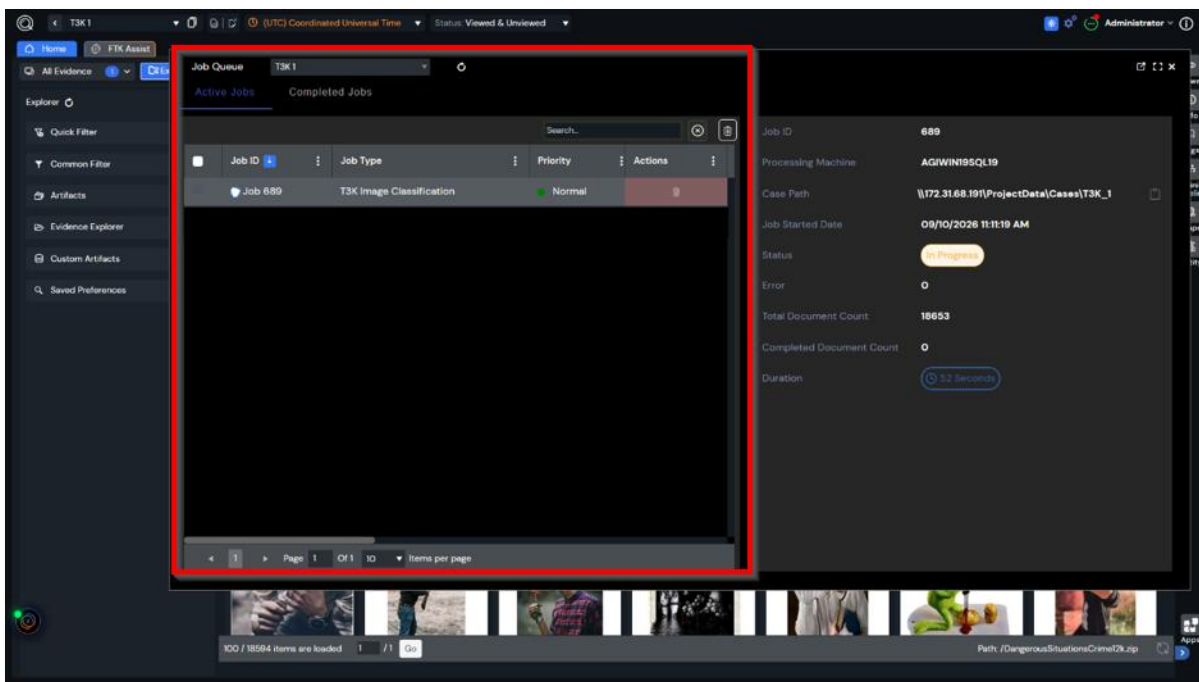
- A notification bar appears at the top of the screen confirming job initiation.



- Classification runs asynchronously in the background. Examiners may continue analyzing documents, chat logs, or timelines in parallel.



- Monitor progress at any time via the standard FTK Central Job Queue.



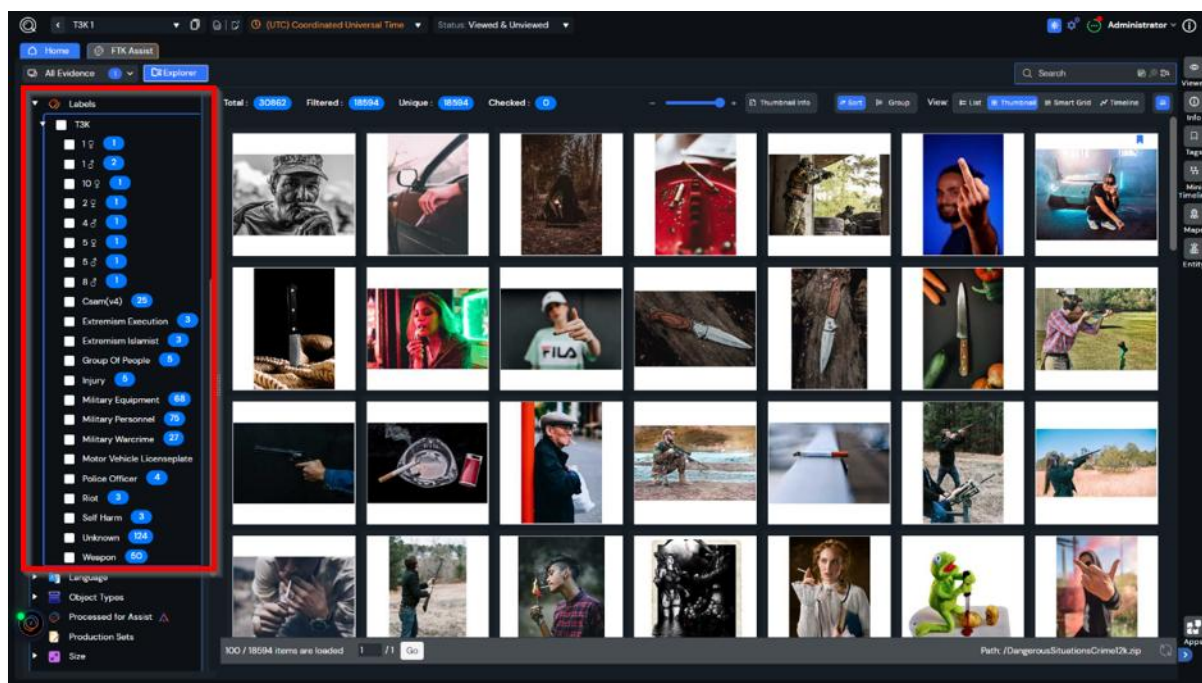
Step 4: Filter & Review Categorized Results

Upon job completion, results populate automatically within the case interface:

Steps:

1. Navigate to the **Left Panel** under **Common Filters > Labels**.
2. Expand the newly populated **T3K** folder.
3. View item counts alongside each identified category (e.g., *Military Personnel: 75, Weapons: 50, Injury: 12*).
4. Select any label to instantly filter the view to only matching media.

Example: Left filter panel showing T3K label categories with item counts, highlighting filtered results.

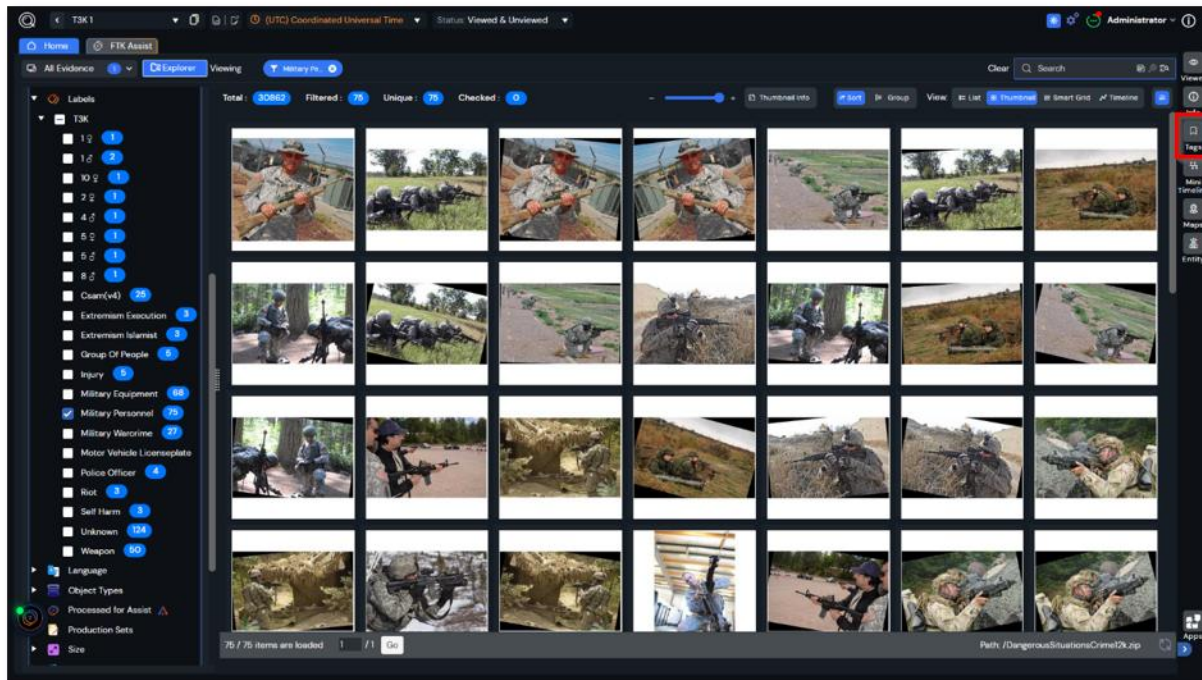


Step 5: Examiner Verification & Tag Management

To ensure evidence remains legally defensible, AI predictions facilitate human review rather than replacing it.

Steps:

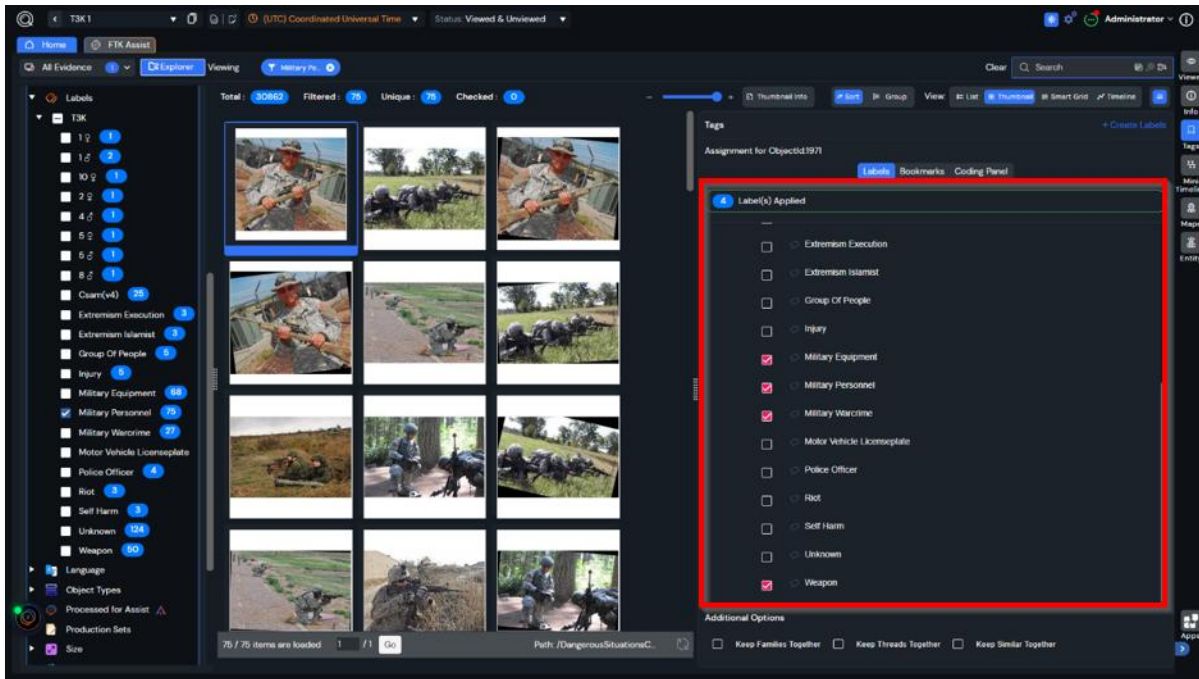
1. Select an image to display its properties in the **Tags Panel**.
2. View all AI-assigned classifications (an image may carry multiple tags, such as *Weapon* and *Military Equipment*).



3. Modify as needed:

- **Uncheck** a tag to remove a false positive.
- **Check** additional tags to adjust for missed details.

***Example:** Tags Panel displaying T3K tags with check boxes allowing manual examiner override.*



5 Detection Categories Capability Matrix

T3K automatically classifies images into over a dozen investigation-critical categories:

Category Group	Identified Content & Artifacts
Weapons & Military	Firearms, light/heavy weapons, military equipment, military personnel, and potential war crime indicators.
Violence & Extremism	Severe injuries, active riots, self-harm imagery, execution media, and extremist logos/symbolism.
Child Protection	Suspected Child Sexual Abuse Material (CSAM), enabling immediate prioritization for specialized triage teams.
People & Infrastructure	Crowd analysis, law enforcement officers, and vehicle registration/license plates.
Unclassified	Unknown: Any media not matching defined AI models is automatically assigned to Unknown to ensure no files are hidden or lost from review.

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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