

## CT-BriefCam Integration Module

Business Applications & Intelligent Video Analytics Middleware

### OVERVIEW

As a complement to the **SIRION 17** Video Management Software (VMS), CamTrace provides specialized industry applications engineered to extend video capabilities. The **CT-BriefCam** software acts as an intelligent bridge (middleware) establishing a seamless gateway between one or multiple CamTrace VMS servers and the advanced **BriefCam AI Image Analysis** platform.

#### Key Operational Objective:

The BriefCam AI software is a highly potent analytics platform designed to process recorded video data for rapid forensic investigations, real-time alerting, and operational insights. The CT-BriefCam middleware simplifies infrastructure communication, enabling administrators to effortlessly map and transfer specific recorded data from CamTrace environments over to the BriefCam analytical engine.

### WORKFLOW & INTEGRATION

The CT-BriefCam middleware operates transparently to deliver an optimal administrative and operational flow:

- **Camera & Server Management:** The administrator uses the CT-BriefCam interface to automatically discover and list all configured cameras across connected CamTrace servers.
- **Granular Video Selection:** Administrators can precisely select which video streams and recording types are submitted to the BriefCam server. This includes filtering for continuous regular recordings or specific alarm-triggered recordings.
- **Unified Operator Experience:** Once the backend connection and rules are defined, control shifts entirely. The control-room operators work *exclusively* within the native BriefCam user interface, requiring zero interaction with the middleware or backend synchronization steps.

### VALUE PROPOSITION & CAPABILITIES

Integrating CamTrace VMS with BriefCam via the CT-BriefCam middleware unlocks elite-tier video analysis tools:

FEATURE	DESCRIPTION & BUSINESS BENEFIT
<b>Video Synopsis®</b>	Review hours of recorded video surveillance footage in minutes. It superposes objects moving at different times simultaneously, dramatically shortening post-event investigation timelines.

FEATURE	DESCRIPTION & BUSINESS BENEFIT
<b>Multi-Criteria Search</b>	Filter video records precisely based on explicit parameters such as size, color, speed, direction, and specific classification (e.g., distinguishing between a pedestrian, bicycle, truck, or car).
<b>Resource Optimization</b>	Allows low-overhead extraction of metadata, keeping network bandwidth optimized while ensuring critical video assets undergo heavy AI computation only when required.
<b>Seamless Architecture</b>	Operates effectively within diverse distributed network layouts. It bridges Linux-hardened CamTrace recorders with specialized Windows-based AI processing architectures.

## TECHNICAL SPECIFICATIONS

<b>VMS Compatibility</b>	CamTrace SIRION 17 and above (Linux-hardened OS environment)
<b>Supported Streams</b>	Regular continuous video streams, Alarm-triggered video sequences
<b>Target Ecosystem</b>	BriefCam Video Analytics Server platforms (Forensic, Insights, Protect)
<b>Deployment Model</b>	Software middleware installation via CamTrace Analytics Server hardware line or compatible virtual environments.

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