

Exterro ARMOURop

On-Premises AI for Digital Forensic Labs

Close more cases. Clear the backlog. Defend every finding.

Digital forensic labs are buried in evidence: more devices, larger data sets, more images, video, audio, chat, documents, and extracted device content with fewer examiners than the workload demands.

The bottleneck is not examiner skill. **It is time.**

Exterro ARMOURop gives forensic teams that time back. It brings DFIR-aware AI into an on-premises forensic workflow so investigators can triage faster, prioritize evidence earlier, and focus examiner time where it matters most.

Hours and weeks back to investigators.

Workload	Traditional / Legacy DFIR Workflow	Exterro ARMOURop
Data processing 1 TB	4-6 hours	1-5 minutes
CSAM grading of 10K images/videos	1 week minimum	1-3 hours
LPP detection 1M files	2 weeks	1 day
Image/video classification 10K	3 days	6-8 hours
Automated facial detection	3 days	1 hour
Audio transcription - multi-speaker	Hours per hour of audio	Near real-time, DFIR speech models
Known-hash lookup - CAID/NCMEC	Separate tool, manual switch	Integrated into the triage agent
Onsite triage & seizure	2-3 tools, over-collection	Consolidated, AI-driven, targeted

Typical workloads. Results vary by hardware, data composition, evidence type, configuration, and workflow.

ANSWERS IN MINUTES, NOT HOURS

Use AI-assisted triage to move from case question to potential evidence faster.

MORE CASES PER EXAMINER

Clear low-value data sooner so lab capacity goes to the evidence that moves cases forward.

Built for triage-first investigations

Most forensic workflows were built around full processing, examiner-driven search, and detailed post-collection review. That model is still essential. But it is not always the fastest way to decide what matters first.

ARMOURop helps investigators triage earlier, surface potential evidence sooner, and reduce low-value review so examiners spend more time validating the evidence that moves cases forward.

**The AI coordinates.
Exterro executes.
The investigator decides.**



Close more cases by cutting hours, days, and weeks from evidence triage.



Clear the backlog by reducing manual first-pass review.



Defend every finding with examiner-led validation and evidence-grounded workflows.



Keep sensitive evidence on-premises for agency-controlled investigations.

From Question to Evidence

1. DEFINE Ask the case question in plain language.	2. COORDINATE AI identifies supported actions, evidence sources, and review paths.	3. EXECUTE Exterro forensic technology performs the authorized work against locally loaded evidence.	4. VALIDATE The examiner confirms what the evidence supports and decides what happens next.
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AI helps coordinate the work. Exterro performs the forensic execution. The examiner remains in charge.

What ARMOURop helps labs accomplish

- » **Slash time-to-evidence**
Move from hours or days of preparation to minutes.
- » **Clear the backlog**
Reduce manual first-pass review so low-value data does not consume lab capacity.
- » **Multiply examiner capacity**
Help every examiner focus on deeper analysis, validation, reporting, and case decisions.
- » **Close more cases at lower cost**
Increase case clearance per examiner without simply adding headcount or more disconnected tools.
- » **Reduce noise at the source**
Support targeted field triage so teams collect what matters instead of over-collecting by default.

Core capabilities

- » **Multimodal evidence triage**
Review folders, files, images, video, audio, OCR, faces, and extracted device content.
- » **Prioritized folder and file review**
Surface files, folders, and artifacts that may deserve closer review.
- » **Image, video, and face review**
Review people, scenes, weapons, vehicles, faces, and other visual indicators faster.
- » **Audio transcription and searchable text**
Convert speech into searchable content for faster review.
- » **Known-hash lookup**
Support CAID/NCMEC workflows without disconnected manual tool switching.
- » **Bookmarking, notes, export, and escalation**
Preserve findings, document relevance, and move potential evidence into deeper review or reporting.

Why Exterro ARMOUR for FTK



Built for triage-first investigations

Identify what may matter before committing full forensic resources.



DFIR-aware AI, not consumer AI

Vision, speech, and language models built for forensic artifacts and investigative workflows.



On-premises control

Designed for agencies that need control and defensibility around sensitive evidence.



Investigator-led, not fully autonomous

AI helps investigators move faster. The examiner remains responsible for judgment.



Built to close cases

Not AI theater. ARMOURop gives investigators time back so labs can close more cases.

Where ARMOURop makes a difference

- » Child exploitation
- » Homicide & violent crime
- » Counter-terrorism
- » Fraud & financial crime
- » Onsite seizure & field triage
- » Export/reporting

Close more cases while the evidence still matters.

Exterro ARMOURop helps forensic labs slash time-to-evidence, clear the backlog, and focus examiner time on the findings that move investigations forward. [Learn more about Exterro ARMOURop.](#)

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ABOUT EXTERRO

Exterro empowers organizations to manage data risks with a complete platform for e-discovery, data privacy, cybersecurity and governance, and digital forensics. Unlike any other software provider, Exterro makes it easy for organizations to understand their data and take swift action. Exterro's AI-driven solutions provide accurate, actionable insights, enabling businesses to ensure compliance, reduce risks, and streamline operations while lowering costs. With Exterro, organizations gain the clarity and confidence needed to address their most critical data challenges. For more information, visit exterro.com.