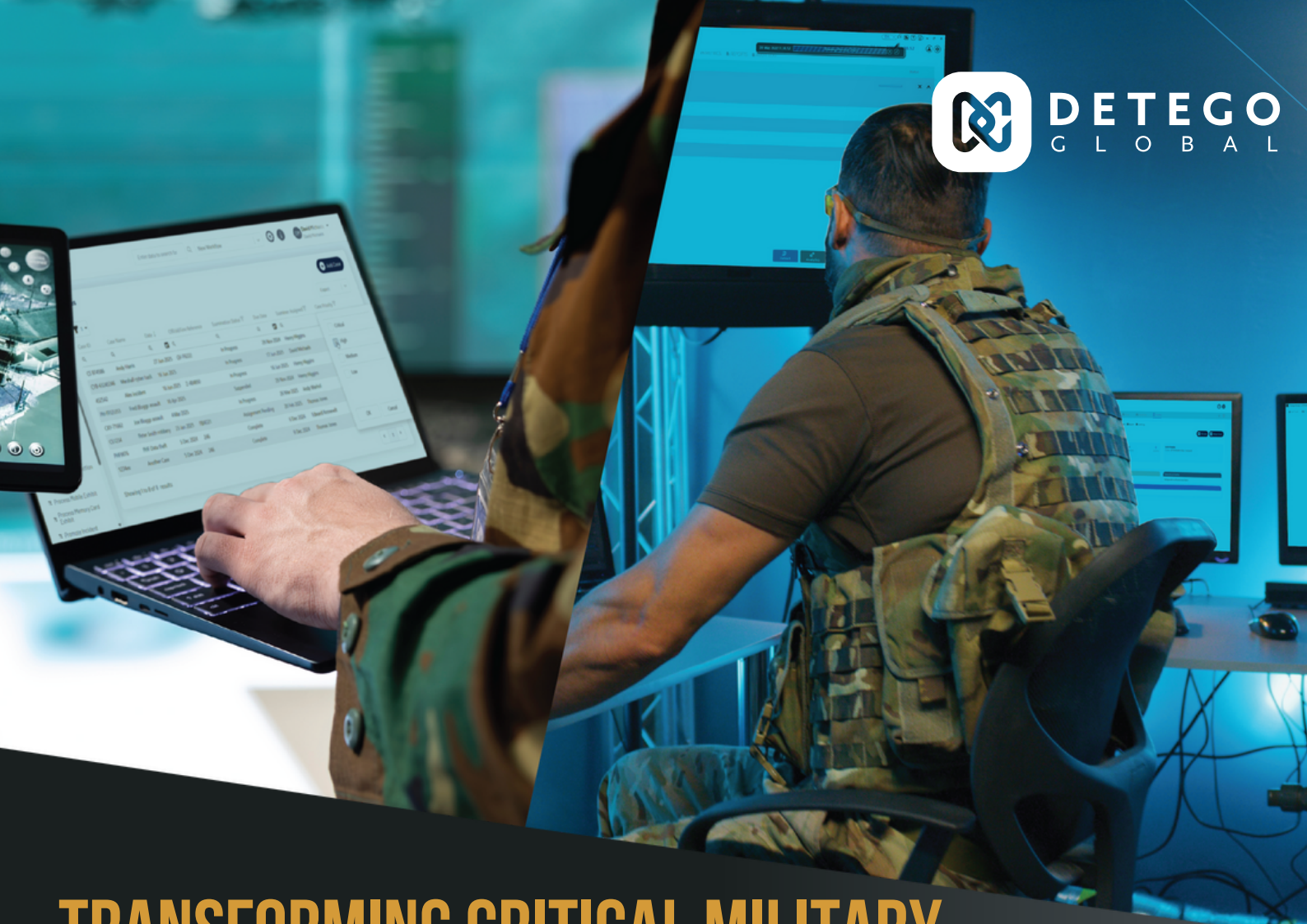




DETEGO
GLOBAL



TRANSFORMING CRITICAL MILITARY INVESTIGATIONS WITH A BESPOKE, CENTRALISED INTELLIGENCE INFRASTRUCTURE

The Background

A long-standing Detego Global customer, an elite European military unit specialising in weapons intelligence*, sought to strengthen its digital forensics capabilities at headquarters. While the unit had relied on Detego Field Kits for on-scene evidence acquisition, the growing complexity of modern missions, combined with the sheer volume and variety of digital devices being seized, created major pressure on the team's investigative workflows.

Sensitive operations increasingly required not only rapid on-scene triage but also in-depth, lab-based analysis of multiple evidence sources. The absence of a centralised infrastructure meant that evidence handling was fragmented, collaboration was difficult, and maintaining an auditable chain of custody across different sites was resource intensive. This increased the risk of delays, duplication of effort, and gaps in compliance.

The unit therefore set out to establish a secure, centralised infrastructure that could combine military-grade security with enhanced efficiency. This would enable investigators to streamline workflows between the field and the lab, eliminate silos, maintain full auditability, and enhance collaboration during lifesaving, mission-critical operations aimed at safeguarding national security.

The Solution

Detego Global's team worked closely with the military unit to design and deliver a custom analysis network that seamlessly integrates field and headquarters operations. At its core is a central server stack connected to thin clients across multiple offices. Thin clients are lightweight computers that rely on the central servers for processing power. This approach reduces the hardware footprint in each office, simplifies maintenance, and ensures that sensitive data is processed and stored only in centralised, protected locations.

Key components of the solution include:

Check-In/Check-Out and a Complete Audit Trail: Exhibits can be securely checked out for analysis, with users able to run extractions, apply analytics, review and tag evidence, generate reports, and then check items back in. This ensures authorised team members can immediately see completed work, while maintaining tamper-proof chain of custody and auditability, and promoting collaboration and transparency.

User Groups and Permissions Delivering Enhanced Security: Administrators can assign tailored access levels by role, ensuring investigators only see and act on the cases relevant to them. This protects sensitive missions while enabling efficient teamwork.

Detego Case Manager Integration for End-to-end Investigation Management: Case Manager provides tamper-proof evidence management, detailed audit logs, and a full chain of custody. It also delivers insights into performance and enhances compliance at every step. Administrators and analysts can view workloads, assign tasks, and manage investigations from a single interface.

Centralised Processing for Faster Results: High-intensity tasks such as Detego's advanced AI analytics (including facial recognition that's 4x faster than the industry average, semantic search, real-time translation and transcription, object detection, link analysis, and more) as well as decryption are handled by dedicated servers and a Passware workstation, delivering greater speed and scalability.

Robust Exhibit Management: Networked storage and virtual machines ensure secure handling of exhibits, with all actions tracked and recorded.

The Result

The deployment has transformed the unit's ability to conduct on-scene and lab-based investigations. By leveraging thin clients connected to a secure central server, the team can now work from multiple offices/locations without needing high-powered hardware at each location. Sensitive information never leaves the secure environment, reducing risk while improving efficiency.

Detego Case Manager's tamper-proof evidence management and full compliance tracking provide unmatched confidence in mission-critical investigations, ensuring that every action is auditable and defensible. Combined with Analyse AI+, investigators can now process vast amounts of digital evidence faster, detect threats earlier, and deliver actionable intelligence in time-sensitive scenarios.

This project not only demonstrates Detego Global's ability to deliver bespoke, mission-critical solutions but also highlights the wider potential for law enforcement and enterprise customers. With extensive experience in designing and deploying custom, high-impact investigative solutions, Detego Global is ready to support organisations facing similar challenges. Get in touch with our team to explore how we can tailor a solution to your needs.

**This case study was anonymised due to the sensitive nature of the investigations carried out by the customer.*



United Kingdom (HQ)

+44 1403 267 176



United States

+1 888 433 8340



South Africa

+27 21 137 8018