DIGITAL FORENSICS FOR LAW ENFORCEMENT

From the Field to the Courtroom



Digital Forensic Expertise

Forward Defense brings specialized knowledge and experience in law enforcement digital forensics, supporting agencies in building, maintaining and expanding their digital forensic laboratories.

Our expertise covers ISO 17025-compliant policies and procedures, advanced forensic tools and techniques, and a wide range of disciplines, including:

- Audio and video forensics
- Network forensics
- Experimental forensic techniques
- Mobile device forensics
- Computer forensics
- Memory forensics

We combine forensic technologies, established methodologies and operational expertise to support accurate, repeatable and court-defensible forensic examinations.

Integrated Forensic Solutions

Through partnerships with major computer forensic technology vendors and our own bespoke system development capabilities, Forward Defense offers turnkey solutions tailored to the needs of law enforcement organizations.

Our solutions support laboratories of different sizes and operational requirements, from small teams with a limited number of examiners to large-scale forensic centers using distributed processing and data-center-based approaches.

We integrate appropriate technologies with repeatable procedures based on international standards and recognized best practices.

Building and Expanding Forensic Capabilities

01

Initial Operational Capability

For agencies with limited budgets or developing forensic capabilities, we provide solutions that establish an initial digital forensic operating capability.

These solutions use proven forensic technologies and tools that automate common analytical tasks, helping reduce training requirements and improve initial operational effectiveness.

Clear procedures aligned with forensic best practices support reliable examinations and the presentation of evidence in court.

02

Advanced Forensic Capabilities

For agencies requiring more extensive capabilities, we provide complementary forensic tools and methodologies to extract and analyze data from a wide range of digital sources, including:

- Mobile devices and computers
- Random-access memory (RAM)
- Cloud services
- GPS devices
- Video systems
- Other digital devices and storage environments

By combining multiple tools and analytical methods, laboratories can address complex investigative requirements and expand their forensic capabilities.

03

Laboratory Scalability and Efficiency

For laboratories handling increasing volumes of digital evidence, Forward Defense provides enhanced workflows and distributed processing solutions.

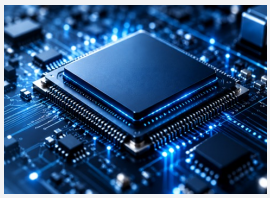
These approaches help reduce the analyst time required for individual cases, improve laboratory efficiency and increase overall case-processing capacity without compromising the reliability of forensic results.



Tools, Training and Processes

Effective digital forensic operations depend on three essential elements: appropriate technology, skilled personnel and repeatable procedures.

Forward Defense integrates these elements to support reliable laboratory operations and sustainable forensic capabilities.



Technology

Selection and integration of forensic tools and systems appropriate to the laboratory's investigative requirements, operational scale and available resources.



Training

Technical training that equips forensic examiners with the skills to perform their assigned tasks and the knowledge required to explain their methods and findings clearly in court.



Procedures

Development and application of structured, repeatable forensic processes aligned with recognized standards and best practices.

Our training emphasizes the consistent application of these procedures, helping forensic teams maintain operational quality and strengthen their capabilities over time.

Contact Forward Defense

Every organization has different forensic requirements.
Contact Forward Defense to discuss solutions tailored to your laboratory's capabilities, operational needs and development objectives.

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