

Digital Forensics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

Digital Forensics Market Analysis

The digital forensics market size generated USD 7.51 billion in 2025 and is projected to reach USD 13.79 billion by 2030, reflecting a 12.92% CAGR. Growth pivots on cloud-native Software-as-a-Service investigations, deepfake countermeasures, and the integration of digital forensics within Extended Detection and Response platforms. Legislated mobile device extraction mandates and steady public-sector investments further underpin demand. Conversely, encryption-by-default and examiner shortages introduce operational friction yet also spur innovation in automated, cloud-based evidence preservation. Competitive dynamics remain moderately fragmented as established vendors embed artificial intelligence and blockchain-enabled chain-of-custody features to secure differentiation.

Global Digital Forensics Market Trends and Insights

Rapid Proliferation of Cloud-Native SaaS Creating Demand for Cloud Forensics

Cloud migrations displace traditional disk imaging, prompting deployment of forensic platforms that capture volatile data across distributed, multi-tenant environments while meeting ISO/IEC 27035-4:2024 admissibility standards. Evidence isolation requirements and automated chain-of-custody tracking elevate demand for solutions pre-integrated with hyperscaler security services. As a result, vendors offering cloud-native acquisition APIs see accelerated enterprise adoption, particularly among multinational corporations navigating jurisdictional boundaries.

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Surge in Deepfake-Enabled Fraud Driving Advanced Multimedia Analysis Needs

Machine-generated audio and video fraud now penetrates live interactions, forcing laboratories to replace legacy authentication with neural detection algorithms that achieve 91.82% accuracy on low-resolution content. BFSI institutions integrate blockchain provenance schemes to secure high-value transactions, while law-enforcement agencies invest in real-time screening tools to preserve evidentiary integrity during investigative interviews.

Encryption-by-Default on iOS/Android Elevating Acquisition Complexity and Cost

Hardware-backed encryption reduces extraction success to below 40% on recent devices, forcing reliance on premium decryption utilities and cloud-based evidence substitutes. Small agencies face budgetary barriers, widening investigative disparity and prompting policy debate on lawful access collaboration.

Other drivers and restraints analyzed in the detailed report include:

Extended Detection and Response Adoption Necessitating Integrated DFIR Platforms / Legislated Mobile Device Extraction Mandates in U.S. and EU Law-Enforcement / Shortage of Court-Certified Examiners Outside Tier-1 Cities /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Software retained 45% of the digital forensics market share in 2024, underpinned by advanced analytics for encrypted and cloud evidence. Hardware usage remains niche for physical acquisitions, yet decryption accelerators support investigative throughput. Managed offerings capture enterprises seeking turnkey scalability, while professional services climb 14.7% CAGR as talent shortages persist.

Service providers capitalize on forensic-as-a-service adoption among SMEs, bundling incident response and expert testimony. Vendors integrate blockchain lineage and AI triage to compress analysis cycles, reinforcing software primacy. The strategic interplay between platform licensing and recurring services broadens revenue predictability, positioning vendors for cross-sell of adjacent security capabilities.

Computer forensics controlled 37% of 2024 revenue; however, cloud forensics now logs the fastest 13.1% CAGR amid multi-cloud enterprise workloads. Mobile forensics sustains growth despite encryption headwinds, supported by evolving bypass toolkits. Network, database, and IoT investigations expand as zero-trust architectures and connected devices generate diversified evidence streams.

Regulatory audits in BFSI amplify demand for continuous cloud evidence readiness, widening opportunities for specialized cloud-native vendors. Digital forensics market size for cloud investigations is poised to narrow the gap with computer forensics by 2030 as SaaS reliance deepens. Tool vendors therefore prioritize API-based collection, volatility preservation, and jurisdictional segmentation to boost adoption.

The Digital Forensics Market Report is Segmented by Component (Hardware, Software, Services), Type (Computer Forensics, Mobile Device Forensics, and More), Tool (Data Acquisition and Preservation, and More), Organization Size (Large Enterprises, Small and Medium Enterprises), End-User Vertical (Government and Law Enforcement Agencies, BFSI, and More), and Geography. The Market Forecasts are Provided in Terms of Value (USD).

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Geography Analysis

North America held 35% of 2024 revenue, aided by Executive Order 14144 and robust federal budgets that accelerate AI-driven investigative adoption. Public-sector platform procurements, exemplified by Palantir's USD 1.20 billion government revenue, cascade into broader ecosystem modernization.

Asia Pacific leads in growth at 13.4% CAGR, reflecting e-commerce expansion and rising cybercrime costs forecast at USD 3.3 trillion by 2025. Regulatory refinements, such as China's eased cross-border transfer exemptions, gradually reduce investigative friction for multinational forensics providers.

Europe sustains balanced expansion through the EU AI Act and data-privacy mandates driving privacy-preserving forensic tool demand. Middle East and Africa allocate cybersecurity budgets to defend energy and financial corridors, while Latin America shows incremental progress constrained by skill shortages yet supported by regional digitalization policies.

List of Companies Covered in this Report:

OpenText Corporation / Cellebrite DI Ltd. / Exterro Inc. / Magnet Forensics Inc. / Cisco Systems Inc. / FireEye Inc. (Mandiant) / LogRhythm Inc. / KLDISCOVERY Inc. / Paraben Corporation / MSAB AB / Oxygen Forensics Inc. / Kroll LLC / Hexagon AB (Qognify) / ADF Solutions Inc. / BAE Systems plc / Broadcom Inc. (Symantec Enterprise DFIR Tools) / Micro Systemation AB / Digital Detective Group / Nuix Pty Ltd / Passware Inc. /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

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6.4.2 Cellebrite DI Ltd.

6.4.3 Exterro Inc.

6.4.4 Magnet Forensics Inc.

6.4.5 Cisco Systems Inc.

6.4.6 FireEye Inc. (Mandiant)

6.4.7 LogRhythm Inc.

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