SCOTTS INTERNATIONAL

Global Public Safety Analytics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 157 pages | Mordor Intelligence

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Report description:

Global Public Safety Analytics Market Analysis

The public safety analytics market size is valued at USD 14.60 billion in 2025 and is projected to reach USD 33.14 billion in 2030, advancing at a 17.81% CAGR. Heightened regulatory scrutiny, soaring cyber-physical threats, and the imperative for real-time, data-driven decision-making are accelerating technology adoption. North American agencies are front-loading capital toward NG911 rollouts, while European stakeholders are redesigning platforms to satisfy the EU AI Act's explainability clauses. Asia's 5G edge build-out is unlocking ultra-low-latency video analytics, and cloud migration is democratising access for resource-constrained jurisdictions. Vendors are embedding transparency tooling, pivoting to subscription models, and orchestrating ecosystems around open APIs to convert compliance pressure into revenue upside.

Global Public Safety Analytics Market Trends and Insights

Mandated NG911 Data-Integration Rollouts (North America)

The FCC's phased mandate obliges originating service providers to deliver 911 traffic via IP-based SIP and comply with common standards, pushing agencies to modernise call-handling and analytics back-ends. Budget estimates of USD 12.8-16.9 billion and proposed federal funding mechanisms are catalysing procurement pipelines. Coupling NG911 with FirstNet is spawning a converged voice-data environment where text, video, and location streams are fused for situational intelligence, thereby expanding the addressable public safety analytics market.

EU AI Act Requirements for Algorithmic Transparency

Effective June 2024, the Act classifies law-enforcement AI as high-risk, mandating risk logs, bias testing, and human oversight. Suppliers are hard-coding explainability modules and bias dashboards at the design stage, transforming compliance into a feature-differentiation play. Biometrics vendors are already re-engineering algorithms to meet fairness thresholds, accelerating refresh cycles across the European segment of the public safety analytics market.

Litigation Risk from Algorithmic Bias Cases (US & EU)

Civil-rights groups are pressing class actions against predictive-policing tools that allegedly reinforce racial profiling, impelling municipalities to pause or scale back deployments. The EU AI Act's allowance for high-risk biometric systems, albeit with oversight, leaves vendors vulnerable to legal challenge if bias persists. This environment suppresses tender volumes and elongates sales cycles for the public safety analytics market.

Other drivers and restraints analyzed in the detailed report include:

Accelerating 5G Edge Deployments for First-Responder Video Streams / Rapid Urbanisation Spurring Smart-City Safety Platforms / Fragmented Legacy RMS/CAD Data Silos Below County Level /

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

Segment Analysis

Software contributed 60% of 2024 revenue, underpinning data ingestion, fusion, and visualisation. Core applications such as record management and investigation tools ingest call logs, video streams, and sensor alerts to generate intelligence-ready datasets. AI plugins, geospatial dashboards, and real-time alerting broaden workflow coverage and elevate situational awareness. As agencies converge 911, CAD, and RMS feeds, demand for API-centric platforms is escalating, expanding the public safety analytics market.

Professional services are rising at 19.0% CAGR because agencies lack cleared data-science talent and must outsource integration, training, and algorithm tuning. Managed-service bundles lower CapEx thresholds and accelerate time-to-value, particularly for rural or cash-strapped departments. Cloud certification frameworks such as CJIS and FedRAMP de-risk vendor selection, thereby broadening the public safety analytics industry's services addressable base.

Predictive engines controlled 48% of 2024 spend, enabling hotspot forecasting, officer routing, and burglary pattern analysis. Departments report material overtime savings and faster case closures after deploying crime-forecast dashboards. Yet controversy over disparate-impact findings is sending some councils back to pilot mode, underscoring the delicate balance between efficiency gains and civil-liberties safeguards in the public safety analytics market.

Prescriptive analytics, projected at 21.0% CAGR, builds on prediction by recommending the best-fit intervention-ranging from patrol redeployment to medical dispatch triage. This next horizon aligns with outcome-based policing mandates and value-based care in overdoses. Federal guidelines requiring independent model validation will slow rollouts but ultimately professionalise the segment, reinforcing vendor credibility across the public safety analytics market.

The Public Safety Analytics Market is Segmented by Component (Software, Services), Analytics Type (Descriptive Analytics, Diagnostic Analytics, and More), Deployment Model (On-Premise, Cloud), Application (Person-Of-Interest Screening, Surveillance and Video Analytics, and More), End User (Law Enforcement, Emergency Medical and EMS, and More), and by Geography. The Market Forecasts are Provided in Terms of Value (USD).

Geography Analysis

North America controlled 39% of 2024 revenue, propelled by the FCC's NG911 order and federal cloud modernisation budgets. States such as Illinois have already shifted 114 answering points to geospatial routing, validating performance improvements and stimulating adjacent analytics procurements. Federal opioid-crisis grants earmark analytics for overdose hotspot mapping, further enlarging the regional public safety analytics market share.

Asia is outpacing all regions with a 19.2% CAGR trajectory between 2025 and 2030. High-density urban corridors and national smart-city programmes anchor demand for integrated safety platforms. Massive 5G rollouts unlock edge analytics for mobile command posts, while sovereign AI investments exceed USD 40 billion across China, South Korea, and Singapore. This momentum elevates the public safety analytics market size for regional suppliers that can localise UX and comply with divergent privacy codes.

Europe's growth is dictated by regulatory compliance. The EU AI Act's transparency clauses are reshuffling product roadmaps, favouring vendors with bias-testing toolkits and audit-ready logs. Meanwhile, UK police forces spend GBP 2 billion (USD 2.5 billion) annually, predominantly refreshing legacy IT, signalling latent upside once transformation accelerates. Pan-European grants under the Digital Europe Programme fund cross-border interoperability pilots, cementing long-term demand for the public safety analytics market.

List of Companies Covered in this Report:

IBM Corporation / Motorola Solutions Inc. / Tyler Technologies Inc. / Splunk Inc. / Omnigo Software / SAS Institute Inc. / Hexagon AB / NICE Ltd / NEC Corporation / Atos SE / CentralSquare Technologies / Verint Systems Inc. / ESRI Inc. / Genetec Inc. / Microsoft Corp. / Axon Enterprise / IDEMIA / Mark43 Inc. / Genetec Inc. / Palantir Technologies / Hitachi Vantara / Ericsson /

Additional Benefits:

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

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