SIXMAP CASE STUDY

City of Richmond Uncovers Blindspots & Accelerates Decisions with SixMap

The City of Richmond, Virginia, is a dynamic hub of government services committed to delivering innovation, security, and transparency for its citizens. As a leader in public sector technology, Richmond invests in modern solutions to protect critical infrastructure and sensitive data.

The city's forward-thinking approach ensures it can meet the growing demands of residents and businesses while staying ahead of evolving cyber threats—demonstrating its dedication to resilience and operational excellence.

City of Richmond, VA

Year Established: 1737
Industry: Government
HQ: Richmond, VA
Size: 4000+ employees

The Primary Challenge: Gaps in Attack Surface Coverage & Ineffective Risk Prioritization

Richmond's security team dealt with fragmented tools that required manual configuration. Existing solutions generated extensive vulnerability lists without context, overwhelming analysts with irrelevant findings and delaying mitigation efforts.

Legacy attack surface tools lacked automated organizational mapping, comprehensive port enumeration, and real-time threat intelligence correlation. These limitations left blind spots attackers could exploit and prevented Richmond from confidently understanding where true exposures existed, undermining both efficiency and the ability to respond decisively to emerging threats.

"We used to spend days compiling internal and external scans before releasing a new product. Now we just launch and know **SixMap will alert us immediately if there's real risk**. That gives me high confidence to move faster."

-Doug Gernat

CISO for the City of Richmond, Virginia

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The Evaluation Process: Autonomous Discovery & Actionable Intelligence Changed Everything

Richmond's team explored SixMap as part of a routine product refresh cycle, aiming to validate or replace their existing tools. They were immediately impressed by SixMap's zero-input approach—providing complete external visibility with just the company name—and by its unique ability to map both IPv4 and IPv6, plus inspection of all 65,535 ports on every host, every time.

Unlike legacy tools that relied on predefined lists or manual tuning, SixMap autonomously discovered unknown assets and surfaced real, prioritized risks that other platforms missed entirely. The city's team saw SixMap find critical exposures they had been unaware of, while eliminating false positives that wasted staff time. The speed and clarity of insights, combined with responsive support, sealed the decision. For Richmond, SixMap wasn't just another scanner; it became a force multiplier that empowered even junior staff to act confidently.

The Outcomes: Significant Time Savings and Tangible ROI on Security Efforts

With SixMap in place, Richmond's team has drastically reduced the time and resources needed to discover and validate critical exposures. The city estimates savings equivalent to a full-time employee by automating discovery, enumeration, and risk analysis—freeing staff to focus on other critical initiatives.

Instead of spending days correlating outdated scan data, the team now receives actionable intelligence in real time, accelerating mitigation by days or even weeks. This efficiency translates directly into reduced risk exposure, fewer disruptions, and optimized use of taxpayer dollars.

Beyond time savings, SixMap's insights have helped Richmond avoid costly breaches and public incidents, delivering an outsized return on investment while empowering leaders to make faster, smarter decisions that protect both citizens and city operations.

"SixMap has **saved us the equivalent of a full-time employee's worth of effort** by automating discovery, enumeration, and risk analysis."

-Doug Gernat

CISO for the City of Richmond, Virginia

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Trusted By Security Leaders At The World's Largest Organizations

"Out of thousands of Internet-facing assets, SixMap was able to automatically pinpoint the most pressing vulnerabilities that required immediate action based on quantifying the risk by correlating the threat actors and exploitable vulnerabilities. **We're glad they have partnered with AWS to deliver value to their customers."**

-Elwin Wong, *CISO of Ross Stores*

"**One of the most powerful cybersecurity capabilities required to operate and defend computer networks...** SixMap Computational Mapping provides public and private sector teams automation for network management and defense so that they can efficiently and effectively operate and defend IPv4-only, dual-stack, and IPv6-only networks."

-United States Army, *SBIR I Evaluation*

SixMap delivers the most complete and accurate external view of any public or private organization, showing security teams who they are, what they own, and what they must protect. By closing the gap between what security teams monitor and what adversaries find through reconnaissance, SixMap helps customers mitigate risks before attacks occur. Its strategic mapping ensures no assets are overlooked, while advanced technology pinpoints hosts, exposures, and risks with precision. Born out of national defense and deployed to protect some of the nation's most sensitive networks, **SixMap now brings military-grade capabilities to public and private organizations to preemptively stop cyberattacks.**

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