When Constituents Depend on It, Downtime Isn't an Option

Full-Stack AI Observability — Delivering Reliable, Cost-Governed Public Services

State and local governments, public safety agencies, transportation networks, and educational institutions are deploying AI and modernizing infrastructure at unprecedented speed — all while managing tighter budgets and higher constituent expectations. Virtana delivers AI-powered, real-time observability across every layer of your environment, providing a unified approach to governing performance, controlling costs, and keeping public services running with confidence.

Core Capabilities

Full-Stack Observability

Applications, Infrastructure, and AI workloads

- Unified system-aware observability across applications, services, infrastructure, Kubernetes, storage, and network environments
- Agentless, secure architecture designed for mission-critical production systems and regulated environments
- Correlated telemetry and dependency-aware analysis for real-time operational awareness across hybrid on-premises and cloud environments

AI Factory Observability

AI Operations & Cost Governance

- End-to-end observability across AI pipelines, GPU clusters, and hybrid infrastructure
- Predictive capacity forecasting for GPUs, storage, network, and power resources
- Maximize GPU utilization and AI ROI with cost and performance optimization for training and inference workloads

Mission Impact — Proven Outcomes

Proven operational outcomes for mission-critical public sector environments

MTTR Reduction	30–50% faster
Alert Noise Reduction	50–70% fewer P1 escalations
GPU Utilization	↑ 25–40% efficiency
SLA Adherence	↑ 20% across public-facing systems
AI Workload Costs	Visible and governed from day one
Congestion Risk	↓ 25% in AI pipeline operations

SLED Mission Coverage

CIO & IT Modernization

- Unified observability across legacy and modernized hybrid infrastructure
- Visibility into cloud migration performance and cost outcomes
- AI initiative governance — from pilot through production

Autonomous IT Operations

Agentic AI with Full-System Awareness

- System-aware AI agents for autonomous detection, diagnosis, and remediation guidance
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- Policy-driven actions with human-in-the-loop oversight for operational control and governance
- Reduced manual escalations and operator workload across lean IT and platform operations teams

Compliance & Accountability Reporting

- TX-RAMP-aligned visibility supporting state procurement security requirements
- Defensible cost and performance reporting for elected officials and oversight bodies
- Zero Trust architecture support — asset behavior and data flow visibility

Key Differentiators

- Full-stack observability across edge, network, data center, cloud, and AI environments with unified system context
- System-aware AI operations and governance — beyond monitoring to constraint analysis, root cause, and operational optimization
- Unified operational, performance, and cost transparency for budget-constrained public sector environments
- Secure hybrid and air-gapped deployment support aligned for state, local, and education requirements
- Broad ecosystem integration across Dell Technologies, NVIDIA, Kubernetes, and Carahsoft-supported procurement channels
- Rapid time-to-value with agentless deployment and low operational overhead — from pilot to production without large professional services engagements

Public Safety & NG911

- Mission-critical uptime for emergency dispatch and NG911 systems
- Network and application observability for public safety AI deployments
- Real-time alerting and AIOps for zero-tolerance availability environments

Transportation & DOT

- AI-driven traffic management and logistics observability
- Infrastructure performance across distributed sensor and network environments
- Cost governance for transportation technology modernization programs

Healthcare & Social Services

- EHR and clinical application observability — reduce clinician-impacting outages
- AI imaging and clinical decision support pipeline performance
- Dependency mapping for complex multi-vendor service delivery environments

Higher Education

- Research HPC and AI workload observability and cost governance
- Campus network and hybrid cloud visibility for administration and instruction
- Student-facing application reliability and performance assurance

Procurement & Channel

Primary Channel: Carahsoft Technology Corp — your trusted public sector technology aggregator enabling fast, compliant procurement across SLED markets.

- Access via established state and local contract vehicles through Carahsoft
- TX-RAMP-aligned security posture supporting state procurement requirements
- Quick-start POC available — prove value before full commitment

When to Bring Virtana In

- AI initiatives on NVIDIA GPUs with performance or cost accountability questions
- Legacy monitoring tools creating visibility gaps across modernized hybrid infrastructure
- Long incident resolution times (MTTR) impacting constituent-facing services
- CIO modernization initiatives requiring unified observability across agencies or departments
- Budget reviews where AI or infrastructure costs need defensible justification

About Virtana

Virtana delivers the deepest and broadest observability platform for hybrid and multi-cloud, with full-stack AI observability spanning applications, services, data pipelines, GPUs, CPUs, networks, and storage. Powered by high-fidelity data and agentic AI, Virtana provides unmatched visibility across end-to-end IT services and AI workloads, correlating health, performance, cost, and user impact in real time. With advanced event intelligence and autonomous insight generation, Virtana delivers clarity no other provider can match. Trusted by Global 2000 enterprises and public sector organizations, Virtana helps IT operations and DevOps teams reduce risk, strengthen resilience, improve efficiency, and modernize with confidence across multi-cloud, on-premises, and edge environments. Learn more at virtana.com

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