OTORIO

RAM²
IT/OT Cyber Security Platform for Continuous Monitoring & Management

Simplifying OT/IT Cybersecurity

RAM² from OTORIO empowers industrial organizations and critical infrastructure operators to proactively reduce risks to their operational environments.

Featuring a unique, patent-pending IT/OT Cyber Security Digital Twin, RAM² aggregates information from diverse operational and security systems to create a digital representation of the operational environment. Then, applying OTORIO's powerful, non-intrusive Breach and Attack Simulation engine, RAM² enables organizations to quickly understand their security posture and proactively address vulnerabilities and exposures before they become breaches.

With unmatched asset discovery and inventory management capabilities RAM² allows security teams to better leverage their investment in existing technology and achieve faster ROI.

Reducing the Noise, Focusing on Meaningful Data

Continuously discovering, analyzing, and monitoring all OT, IT and IIOT assets within the operational environment, RAM² correlates security events and digital risks from across the entire OT network and maps them to operational processes.

RAM² proactively identifies risk patterns and presents only meaningful and relevant insights - dramatically reducing alert fatigue and empowering operational and security teams to proactively prevent risks rather than just detect them.

The platform's user-friendly dashboards simplify OT security - allowing operational teams to continuously assess their security posture while focusing on operational-critical risks. RAM² also facilitates compliance governance, enabling operational teams to easily enforce policies, industrial standards and more.

When cyber incidents require SOC intervention, RAM² facilitates seamless collaboration between operational cyber teams, providing analysts with a tailored workbench for in-depth forensic investigation.

Benefits

- Dramatically lower enterprise-wide cyber risk using far fewer resources

- Shift from reactive to proactive cybersecurity - protecting OT network from cyber risks before they become breaches

- Simplified cybersecurity operations for converged IT/OT/IoT networks

- A unified IT/OT/IoT orchestrated platform that protects against realistic threats and lowers alert fatigue

- Unique cyber digital twin and breach and attack simulations tailor security to each network

- Comprehensive Asset Inventory

- Contextualized Risk Assessment

RAM² Architecture

OTORIO
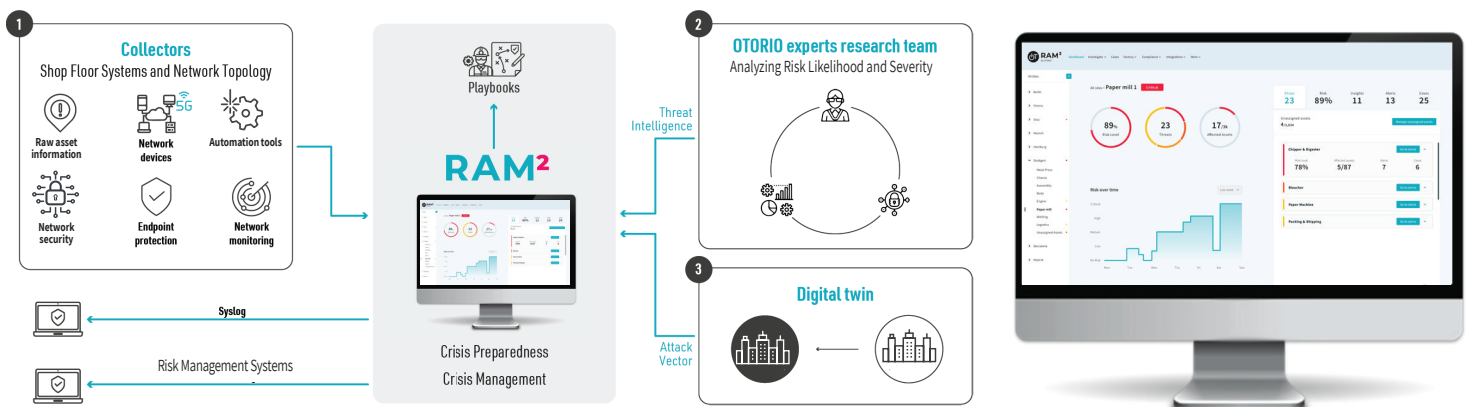
Key Features

Contextual Asset Inventory
- Simplified, non-intrusive data collection
- Discovers all assets within the OT network
- Maps assets to operational processes
- Monitors changes in asset inventory

Industrial Vulnerabilities Assessment
- Distinct OT vulnerabilities discovered by OTORIO's research
- Multiple-sourced CVEs
- Maps vulnerabilities to assets
- Correlates severity with operational impact
- Presents feasible mitigation steps

Network Segmentation Assessment
- Identifies segmentation gaps
- Delivers intuitive and prioritized action items
- Reduces the attack surface

Detailed Dashboards
- Comprehensive security posture overview
- Compliance governance dashboard
- Granularity - from smallest business unit to enterprise level

Reports
- Rich and granular reports
- Customizable for different needs

Prioritized Cyber Risk Insights and Playbooks
- Cross-site research-based insights
- OTORIO's proprietary algorithms
- Feasible mitigation playbooks

Cyber Digital Twin
- Breach and attack simulation to predict potential attack vectors
- Proactively yet non-intrusively identify risks that may impact your business

Continuous Compliance Tracking
- Simplify compliance governance
- Dynamic and granular compliance score
- Compliance fulfillment recommendations
- Multiple standards like NIST 800-82, IEC-62443

Case Management
- Open and assign cases from insights
- Prioritize tasks
- Monitor risk mitigation progress

Integrations
- Endpoint Detection and Response (EDR)
- Firewalls
- IDS/IPS
- Secured Remote Access
- IT SIEM/SOAR
- APM/CMMS
- Active Directory
- Industrial Systems (OPC, DCS, Historian, MES)

Clear and Concise Reports