

# RAM<sup>2</sup> Professional

## Automated Industrial Digital Cybersecurity Risk Management

RAM<sup>2</sup> from OTORIO is a patent-pending, next-generation digital and cyber risk assessment, monitoring and management platform for converged IT/OT/IoT networks.

RAM<sup>2</sup> proactively identifies exposures and risks before they become breaches, continuously orchestrating IT/OT/IoT data from every device on the network. If a breach does occur, RAM<sup>2</sup> delivers industry-native contextualization - prioritizing and providing realistic mitigation playbooks.

### Operational Continuity for Digitized Industrial Networks

OT networks contain many vulnerable assets which were not designed or maintained with cybersecurity in mind, and remain unpatched and unprotected.

RAM<sup>2</sup> Professional substantially reduces the risk of production downtime from cyberattacks by providing proactive and actionable risk mitigation steps specifically tailored to OT assets and converged IT/OT/IoT networks.

### An Industrial-Native Solution

Discovering, analysing, and monitoring all OT, IT and IIOT assets within the operational environment, RAM<sup>2</sup> correlates security events and digital risks from across the entire OT network and maps them to operational processes.

RAM<sup>2</sup> 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 detecting them.

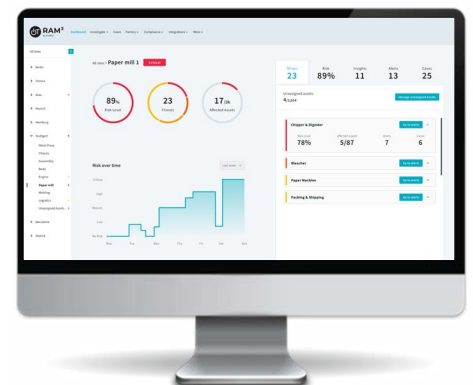
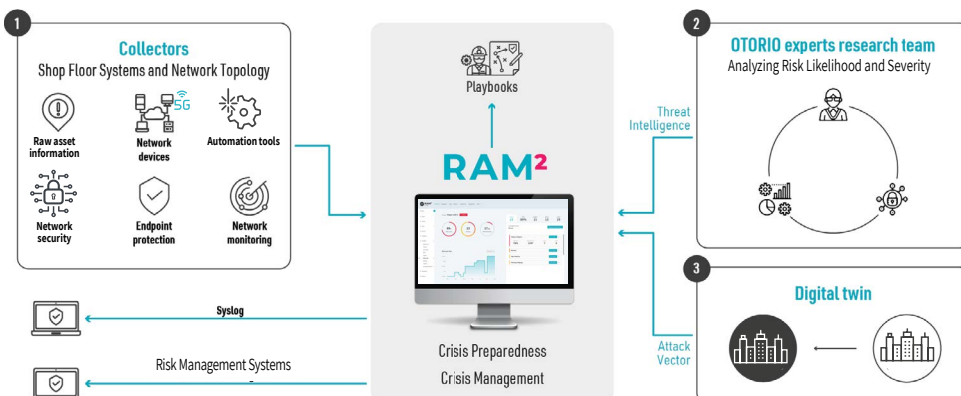
The platform's user-friendly dashboards simplify OT security - allowing operational teams to continuously assess their security posture while focusing on operational-critical risks. RAM<sup>2</sup> Professional also facilitates compliance governance, enabling operational teams to easily enforce policies, industrial standards and more.

When cyber incidents require SOC intervention, RAM<sup>2</sup> 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 less 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 unique network

### RAM<sup>2</sup> Architecture





## 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-sources CVEs
- Maps vulnerabilities to assets
- Correlate severity with operational impact
- Presents feasible mitigation steps

### Network Segmentation Assessment

- Identify segmentation gaps
- 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 & Attack Simulation to predict potential attack vectors
- Proactively yet non-intrusively identify risks with a realistic potential to impact your business

### Continuous Compliance Tracking

- Simplify compliance governance
- Dynamic and granular compliance score
- Compliance fulfillment recommendations
- Multiple policies, e.g. NIST 800-82, IEC-62443

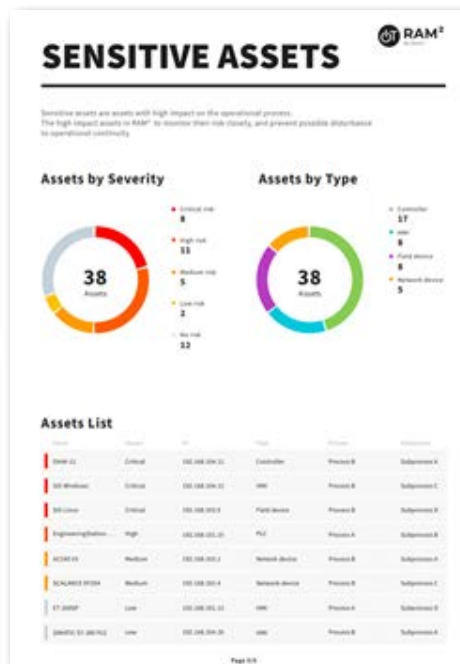
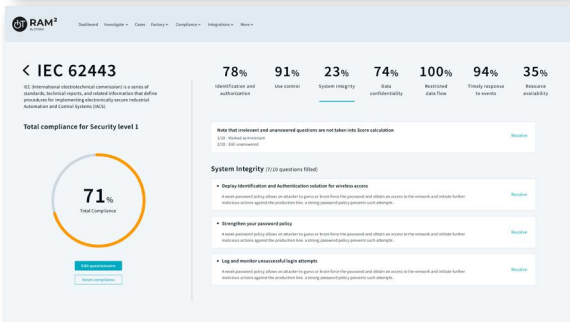
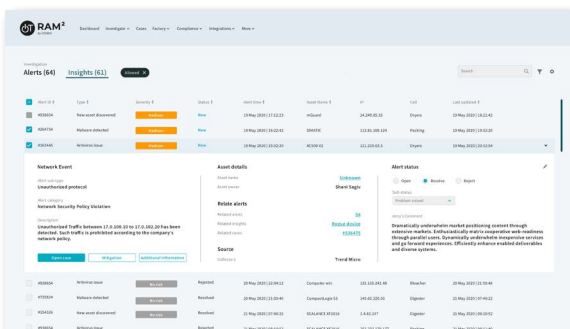
### Case Management

- Open and assign cases from insights
- Prioritize tasks
- Monitor risks 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





## OTORIO's RAM<sup>2</sup> Solutions Family

**RAM<sup>2</sup> Essentials** is an easy-to-use risk mitigation and compliance management solution that enables focusing only on risks with high operational impact.

**RAM<sup>2</sup> Professional** features contextual assets visibility, risk prioritization based on operational impact, continuous compliance, alerts correlation, meaningful insights, case management, digital twin, breach and attack simulation, and SIEM integrations.

**RAM<sup>2</sup> Enterprise** provides central management for RAM<sup>2</sup> Essentials or RAM<sup>2</sup> Professional deployed in multiple sites, providing a transparent organizational governance capability.

	RAM <sup>2</sup> Essentials	RAM <sup>2</sup> Professional
<b>RAM<sup>2</sup> Single-Site</b>		
Contextual Assets Inventory	✓	✓
Assets Changes Management	✓	✓
Vulnerabilities Assessment	✓	✓
Proprietary OT Vulnerabilities Database	✓	✓
Asset Vulnerability Risk Score Based on Operational Impact	✓	✓
Granular Dashboards	✓	✓
Prioritized and Feasible Mitigation Steps	✓	✓
Continuous Compliance Management	✓	✓
Network Segmentation Assessment	✓	✓
Granular Reports	✓	✓
Meaningful Cross-Site Research-Based Insights		✓
Case Management		✓
Mitigation Playbooks		✓
Digital Twin		✓
Breach and Attack Simulation		✓
IT SIEM/SOAR Integration		✓
APM/CMMS Integration		✓
<b>RAM<sup>2</sup> Enterprise</b>		
Governance of Multiple RAM <sup>2</sup> Sites	✓	✓
CISO Dashboards and Insights	✓	✓
Enterprise-Level Risk Assessment	✓	✓
Enterprise-Level Compliance Governance	✓	✓
Enterprise-Level Reports	✓	✓
Aggregated Insights		✓
Risks Trends and Statistics		✓
Cross-Sites Compliance Analysis		✓

### About OTORIO

OTORIO delivers next-generation OT security and digital risk management solutions that ensure reliable, safe and efficient industrial digitalization. The company combines the professional experience of top nation-state industrial cybersecurity experts with cutting edge digital risk management technology to provide the highest level of protection to the manufacturing industry.