

spOT™ Lifecycle

Simplifying OT Cybersecurity for Machine Builders

Secure and Compliant Digital Machinery Lifecycle

In a rapidly digitizing industry, a single machine may consist of tens of different assets. This creates new challenges for machine manufacturers who must ensure that every machine they deliver is secured and meets both regulatory compliance and customer contractual requirements. Moreover, in a hyper-dynamic threat environment, machines must remain secure not only upon delivery and commissioning, but throughout their entire lifecycle.

Machine builders need to have tools on hand to verify that their equipment complies with ever-changing security policies and threats, notify their customers upon discovery of new vulnerabilities, and provide clear remediation guidelines in real or near-real time.

OTORIO's spOT ensures secure and compliant zero trust digital machinery lifecycle—from the single asset to the entire manufacturing site. Powered by OTORIO's RAM² platform, with its patent-pending Cyber Digital Twin technology, spOT empowers machine builders to automate machinery-security assessments and significantly reduce the time and costs of FAT/SAT processes. In addition, it allows machine builders to continue to manage the machine's cybersecurity posture throughout its entire lifecycle on customer premises.

USE CASES

Commissioning

Cybersecurity and Compliance Assessment

Ensure cyber protection and compliance for new machines pre-delivery (FAT).

Site Acceptance Tests

Confirmation of Cybersecurity and compliance

Verify cyber protection and compliance before connecting a new machine to the production line or post-maintenance.

Cybersecurity-as-a-Service

Ongoing cybersecurity and compliance checks

Identify new vulnerabilities throughout the machine's lifecycle and notify customers. Perform periodic checks of machines on-premise or remotely.

You will gain



Full Inventory Visibility

Deep inventory and change management of OT/IT/IoT assets in the machine and production line



Full Portability

Plug & Scan to verify machines wherever they are



Automated Security and Compliance Verification

Ensure machine adherence to cyber security policies, best practices and regulations upon commissioning and delivery



Simplified Liability Management

Instantly identify and notify customers upon new security vulnerabilities and risks



Actionable Remediation Playbooks

Clear recommendations for gap remediation and hardening against ransomware



Reduce Costs

Significantly reduce FAT/SAT costs and enhance offering via automated machinery cybersecurity



Key Features

Full Inventory Visibility

Visibility over all integrated third-party technologies from the machine level to the entire production line.

Machine and Asset Level Compliance

Audit machines and assets for compliance with safety and security regulations and standards, including IEC 62443, NIST, NERC CIP.

Automated Policy Verification

Adherence to security guidelines, best practices, zero trust policy and proper configuration before and after delivery to customer.

Actionable Mitigation Playbooks

Clear recommendations for remediation of gaps and hardening against ransomware.

Liability Management

Identify and notify customers about vulnerabilities in each machine's IT/OT/IoT assets throughout its lifecycle based on OTORIO's unique threat intelligence.

Comprehensive Reports

Automated, easy-to-read reports keep manufacturers and users up to date regarding their security posture.

Central Management System Integration

Simple sync of data with central management system for change management, documentation, and reports.

Remote Access Monitoring

Option for remote security monitoring of machines as a service to end customers using on-machine spOT devices.



Automated

Fully automated data collection, security assessment and compliance auditing

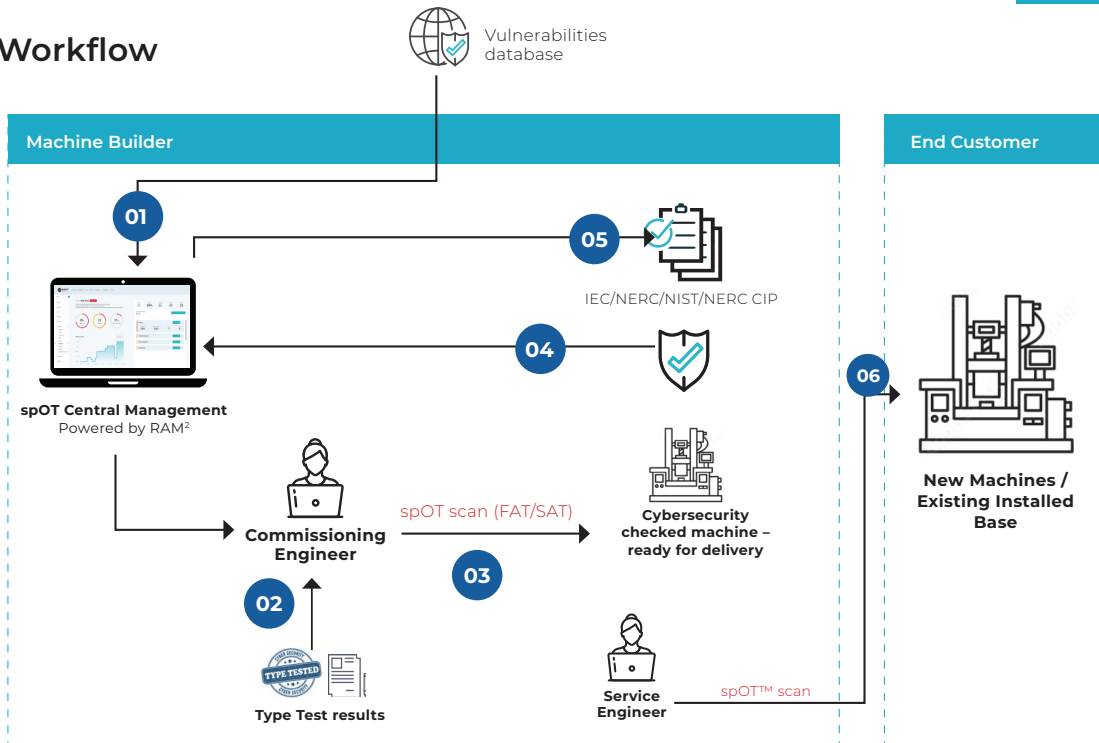
Agile Deployment

Installed on the machine or as a plug & scan portable device, accessed remotely or locally

Scalable

Security assessment of a single machine up to an entire machines production line

Workflow



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.