

Evolving cyberattacks on Industrial Control Systems (ICS) jeopardize the operational integrity and uptime of manufacturing, while risking security of supply and employees' safety as well as business continuity and reputation.

Applying zero-trust to Energy Manufacturing

NanoLock's OT Defender protects the operational integrity of Industrial Control Systems (ICS) against outsiders, insiders, supply chain cyber events, and even human errors. The zero-trust solution ensures that access to ICS is always authenticated, regardless of its origin – a trusted source or an outsider.

Protecting the operational integrity of production lines to secure productivity, revenue streams and maintain business continuity.

A unified protection & centralized visibility for multiple vendors

Supporting multiple legacy and new ICS vendors and environments with zero performance and functionality impact, the OT Defender adds visibility of ongoing operational activities to cybersecurity management platforms, while protecting productivity, revenues, and safety.

THE NANOLOCK VALUE



Security of Supply

Prevents outsider, insider and supply chain cyber events as well as human errors



Improve Safety

Improve safety by preventing tampering



Centralized Visibility & Permission Control

Reliable visibility of a large number users, roles and devices in a distributed environment

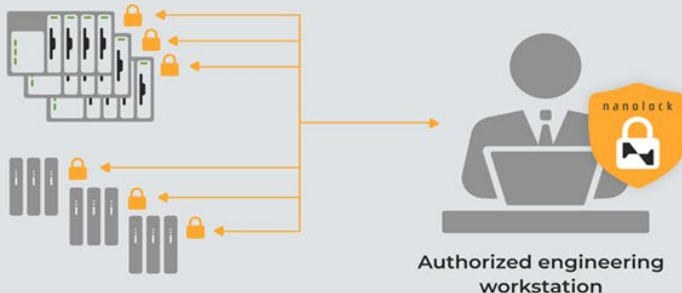


Protect Revenues, Assets & Brand

Support business reputation and continuity

No impact on performance and functionality

Multiple plc types



Secured user management
Secured password repository



Centralized visibility,
permission control
audit trail & alerts

Quick integration into SOC and third party platforms

TAP INTO ONGOING
OPERATIONAL INTEGRITY AND
REVENUE PROTECTION

NanoLock Security protects power generation and energy management, water and wastewater plants as well as food & beverage manufacturing

A global food manufacturer, one of the largest in its field., with >100,00 employees with >200 manufacturing sites

THE CHALLENGE

Securing and protecting production lines' machines in +200 plants

- Protecting new & legacy machines from insiders and human errors
- Minimal impact on existing internal processes.
- No impact on performance and functionality
- Applicable to multi-vendor PLCs and machines

THE SOLUTION

Deploying NanoLock's OT Defender across worldwide plants and HQ to provide zero-trust PLC protection and control and ensure the operational integrity of production line machines. NanoLock's Management Server enables a centralized, multi-vendor visibility, management and permission control as well as full visibility in the headquarters.

- Reliable visibility and permission control of a large number users, roles and devices in a local and distributed environment, including audit trail and alerts
- Providing local protection in factories as well as centralized visibility at HQ
- Zero impact on performance and functionality, minimal impact on existing processes.
- A single solution that applies to multi-vendor environments, protecting both legacy and new PLCs

THE VALUE



Support production uptime



Improve Safety



Centralized visibility & permission control



Protect revenues, assets value and brand



Legacy assets protection



Ease of installation



Maintain business continuity

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About NanoLock

NanoLock Security revolutionizes the IoT/IIOT and connected device protection with a zero-trust, device-level prevention against outsiders, insiders, supply chain cyber events, and even technician mistakes. The winner of multiple prestigious industry awards, NanoLock is headquartered in Israel with offices in the US, Europe, and Japan.



20 Winner 2020

