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TECHNOLOGIES

WORK SAMPLE | SERVICE OVERVIEW

OT Infrastructure & Cybersecurity Health Check

A structured assessment of industrial network resilience, segmentation, secure connectivity and operational risk.



MANUFACTURING
PHARMA / LIFE SCIENCES
UTILITIES
CRITICAL INFRASTRUCTURE

OT & Industrial Cybersecurity • Secure Digital Infrastructure • Enterprise Networking

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Europe & Global Delivery

Assessment framework

The Health Check is tailored to the site, technology stack and operational constraints. Reviews can be document-led, workshop-led or supported by approved technical evidence.

01 OT Network Architecture

Topology, switching, routing, VLAN design, critical dependencies and network management boundaries.

02 Segmentation & Trust Boundaries

IT/OT separation, security zones, conduits, DMZ patterns and access paths between critical environments.

03 Firewalls & Secure Connectivity

Rulebase structure, remote access, secure inter-zone communication, management access and exposure points.

04 Resilience & Availability

Redundancy, single points of failure, failover assumptions, critical uplinks and operational recovery considerations.

05 IT/OT Integration

Data flows, application dependencies, historian/MES connectivity, shared services and enterprise-to-plant interfaces.

06 Operational Cyber Hygiene

Administrative access, asset visibility, logging/monitoring, change controls and practical security improvement opportunities.

How the engagement works

1. **Discovery** — Scope & priorities
2. **Evidence** — Diagrams & configs
3. **Assessment** — Architecture & controls
4. **Workshop** — Validate findings
5. **Report** — Prioritised roadmap

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WHAT THE CLIENT RECEIVES

Clear findings. Practical priorities. A roadmap that can move from discussion to action.

Core deliverables

1. **Executive summary**
   A concise view of material risks, resilience gaps and priority decisions.

2. **Prioritised findings**
   Findings ranked by operational impact and urgency, with supporting observations.

3. **Technical recommendations**
   Practical architecture, segmentation, connectivity and control improvements.

4. **90-day action roadmap**
   Sequenced quick wins and near-term improvements for engineering and security teams.

5. **Findings workshop**
   A structured review with stakeholders to validate context and agree next actions.

ILLUSTRATIVE FINDING

Single-path OT uplink HIGH

CURRENT STATE

Critical OT traffic depends on a single physical path between the access layer and upstream services.

OPERATIONAL RISK

A link or device failure could interrupt communications to production-supporting systems.

RECOMMENDATION

Validate redundancy requirements and introduce diverse uplinks / resilient switching where justified by process criticality.

Example only - demonstrates the format and level of detail a client may receive.

Start with a focused discovery conversation.

We scope the environment first, then tailor the Health Check around operational priorities, site constraints and available evidence.

REQUEST A DISCUSSION

support@nolonex.com
www.nolonex.com

Assessment scope tailored to each client environment.