

OT Network Segmentation Review

A Preliminary OT-IT Network Assessment Offering

The Business Challenge

Without adequate segmentation, organizations face greater risk of production downtime, data breaches, and non-compliance.

Operational Technology (OT) networks in manufacturing environments are critical for maintaining uptime, efficiency, and safety.

However, many OT networks lack proper segmentation, creating a flat structure that increases the risk of widespread disruptions in the event of a cyberattack. Common challenges include:

01 Increased Attack Surface

Unsegmented networks allow lateral movement of malware or unauthorized access.

02 Industry Standard Alignment

Many industries require segmentation to meet standards like IEC 62443 or NIST CSF.

03 Visibility and Control Issues

Poorly segmented networks make monitoring and managing traffic challenging.

04 Legacy Systems Vulnerabilities

Older OT systems often cannot be directly secured, making segmentation a critical protective measure.



Business Benefits

- ✓ Enhanced Security
- ✓ Operational Resilience
- ✓ Actionable Roadmap

Take the First Step

Is your OT network segmentation secure?

Contact us today for a quick Operational Technology Network Segmentation Review and ensure your environment is protected against evolving cyber threats.

Our Assessment Methodology

Our OT Network Segmentation Review is designed to evaluate the current segmentation strategy in your OT environment and provide actionable recommendations.

What You'll Receive

Network Segmentation Assessment Report

- A high-level map of your current network zones.
- Identification of vulnerabilities and gaps in segmentation.

Prioritized Recommendations

- Actionable steps to enhance segmentation and security.
- Suggestions for quick wins and long-term improvements.

Best Practice Guidance

Insights on how to align with relevant industry standards.

Business Benefits

Enhanced Security

Limit the spread of malware and unauthorized access with properly segmented network.

Operational Resilience

Reduce the risk of widespread disruptions in OT environments.

Actionable Roadmap

Gain clear guidance on how to implement an optimized segmentation strategy.

01

Architecture Review

- Analyze current network topology and segmentation zones.
- Assess the segregation between IT and OT networks.



02

Traffic Flow Analysis

- Examine data flows and communication patterns.
- Identify zones that are improperly interconnected.



03

Risk Identification

- Highlight areas vulnerable to lateral movement or unauthorized access.
- Assess the exposure of critical assets and systems.



04

Best Practice Alignment

- Evaluate compliance with industry (IEC 62443 or NIST CSF).
- Recommend improvements.

