nile

Modern Networking for Smart Manufacturing

Powering Industry 4.0, AI, and automation with NaaS.

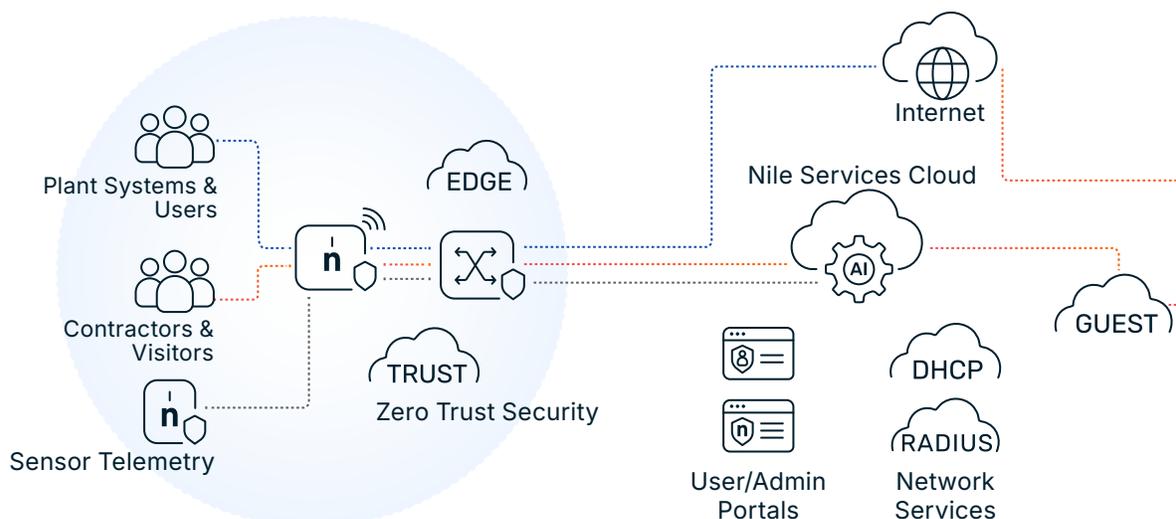## Legacy Networks Have Undermined Today's Industry 4.0 Initiatives

Manufacturers face rising competitive pressure, increasing automation demands, and cost constraints, yet still rely on aging, legacy networks and complex operating models that hinder agility, increase risk, and slow digital transformation.

Top Challenges:

1. Preventing performance issues and unplanned downtime that disrupts production workflows.

2. Securing unmanaged devices and enforcing least-privilege access to prevent ransomware risk.

3. Supporting operational demands and resource constraints across multiple facilities with lean IT staff.

The Nile Solution for Manufacturing

Nile's Network-as-a-Service for manufacturing provides secure, deterministic connectivity with built-in Zero Trust and autonomous lifecycle management—protecting production uptime while reducing IT burden.

Nile Accelerates Production While Reducing Operational Risk

Unrivaled Performance And Uptime

High-speed wireless and wired connectivity without disruptive outages.

Security Without Operational Risk

Built-in Zero Trust that isolates and contains IoT related ransomware and lateral attacks.

Assistance for Lean IT Teams

Autonomous operations that reduce Day-2 and multi-site lifecycle complexity.

Manufacturing Operator Modernizes Plant Networks, Reduces Disruption

A North American manufacturer standardized secure wired and wireless connectivity across plants with Nile, reducing manual intervention and preventing network issues from disrupting production.

> "We needed a network that wouldn't become a point of failure. Since moving to Nile, production keeps running, and our team spends far less time managing the network."
>
> **Director of Infrastructure & IT Operations**

Nile Keeps It Running Like Clockwork

Optimized ERP Performance At Scale

Self-optimizing network performance automatically eliminates connectivity gaps across ERP, MES, production lines, and plants.

Industrial-grade IoT Security

Built-in Zero Trust for high-risk IoT/OT devices in today's complex manufacturing environments.

Seamless Performance Across All Sites

Autonomous operations, for deterministic high-performance connectivity backed by the industry's only performance guarantee.

Related Services

Nile Access Service

A robust, modern wired and wireless foundation that supports today's evolving indoor and outdoor connectivity demands.

Learn More >>

Nile Edge Service

Integrated WAN connectivity for secure cloud and Internet access, delivered as-a-Service.

Learn More >>

Nile Trust Service

Built-in Zero Trust at every level for enhanced IoT, malware, and compliance protection, without complex add-ons.

Learn More >>

Ready to Get Started?

Request a Demo