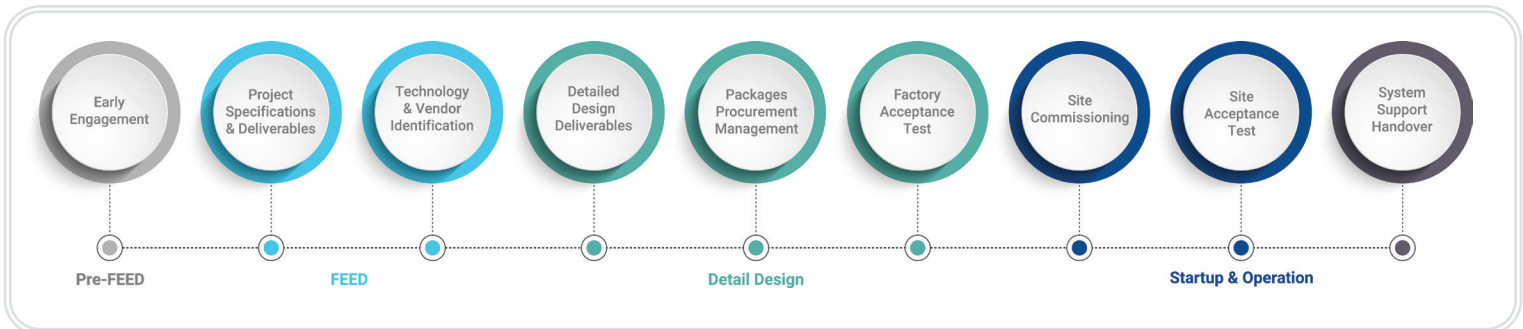# Industrial Networks: Providing Plant Wide Solutions

As the demand for real-time data grows, secure and reliable access to your Operational Technology (OT) systems is critical. Robust secure network systems and proven strategies are used to protect your OT infrastructure and industrial control systems.

Spartan supports your facility at any stage—whether designing new networks, modernizing infrastructure for digital transformation, or providing ongoing support. We deliver complete solutions, from automation control to business applications, ensuring cybersecurity and IIoT readiness.

Early Engagement | Project Specifications & Deliverables | Technology & Vendor Identification | Detailed Design Deliverables | Packages Procurement Management | Factory Acceptance Test | Site Commissioning | Site Acceptance Test | System Support Handover

Pre-FEED | FEED | Detail Design | Startup & Operation

With substantial knowledge and expertise, Spartan offers best-in-class offerings to meet our customers' needs, including:

- **OT Network Assessments:** A thorough evaluation of your industrial network infrastructure, complete with architecture diagrams, vulnerability analysis, performance metrics, and compliance insights.

- **Strategic Planning:** High-level system architecture, telecommunications, and data management strategies.

- **Project Engineering:** Consulting services from conceptual design and FEED to implementation and validation.

- **Industrial Network Solutions:**

  - Plant Wide Network and Application Infrastructure

  - Industrial Wireless Systems (WiFi, WirelessHART)

  - Industrial Cybersecurity Systems

- **Lifecycle Services:** Ongoing network monitoring, diagnostic and troubleshooting, patch/upgrade maintenance, and performance optimization.

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CYBERSECURITY: Protecting the Next Generation of Industry

In today's world, customers are challenged to ensure the integrity, availability, and confidentiality of their industrial process infrastructure. Cyber-attacks can disrupt production, damage equipment, and pose safety and environmental risks. Ensuring the security of Operational Technology (OT) networks is critical to prevent such threats while supporting digital transformation and data needs.

Spartan's Cybersecurity Professional Services offer tailored solutions to assess, design, and implement improvements for OT network security. We evaluate your current cybersecurity maturity and recommend solutions suited to your specific infrastructure, aligning with industry standards like CIS Controls, NIST CSF, and ISA 62443.

ASSESS
Cyber Assessments

SOLVE
Security Solutions

IMPROVE
Periodic Reviews

ASSESS — Cyber Assessments

- Cybersecurity Program Maturity Assessment
- Asset Vulnerability Scanning
- Plant Cybersecurity Active & Passive Assessments
- Cybersecurity Remediation Analysis & Recommendations

SOLVE — Security Solutions

- Business Continuity and Disaster Recovery Planning
- Endpoint Protection and Whitelisting
- Incident Response Plan Development
- Network Security Monitoring and Threat Detection
- OT Network Segmentation and System Hardening
- Patch/Security Management
- Secure Remote Access Solutions and Two-Form Authentication
- Site Policies and Procedures Development
- Security Information and Event Management (SIEM)

IMPROVE — Periodic Reviews

- Annual or Semi-annual Follow-up Assessment
- Reviews Adherence to Previous Assessment Results/Remediation
- Review Cybersecurity Real-world Changes & Suggest Remediation

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