

SERVICES

SECURE DESIGN & DEPLOYMENT DEFENSE-IN-DEPTH ARCHITECTURE



LAYERS OF PROTECTION FOR EVERY THREAT VECTOR

Many OT / ICS environments lack layered protective measures leaving critical systems exposed when even a single boundary is breached. Without defense-in-depth, attackers can move laterally, exploit trust zones, or disrupt operations with minimal resistance.

At Arista Cyber, we design multi-layered protection schemes that account for physical, network, device, application, and policy layers. We partner with your OT, control systems, and security teams to map out your current architecture and understand operational needs. By aligning with ISA/IEC 62443, the Purdue Model, and other best practices, we design security zones, establish conduits, define boundary protections, and implement both technical and operational controls that work together to stop threats before they escalate.

KEY BENEFITS

- Reduced attack surface through enforced segmentation and isolation
- Layered controls to prevent lateral movement and privilege escalation
- Aligned with IEC 62443, NIST CSF, and industry best practices
- Operational continuity preserved through safe, non-disruptive architecture
- Visibility and control from field level to enterprise boundary

DELIVERABLES

- Custom Defense-in-Depth blueprint, including Purdue Model, zones, conduits and trust boundaries, tailored to your OT architecture
- Integrated security control stack across all DiD layers:
- Physical → Network → Endpoint → Identity → Application → Monitoring
- Integration support for firewalls, DMZs, industrial IDS, and access systems
- Recommendations for policies, monitoring, and segregation between trust zones.
- Implementation roadmap with phased deployment plan.

**PARTNER WITH ARISTA CYBER TO DESIGN, DEPLOY, AND
PROTECT YOUR OT OPERATIONS WITH BUILT-IN SECURITY
AND LASTING CONFIDENCE.**

HAVE A QUESTION?

[Contact](#) our industrial cybersecurity professionals for more information.

[REQUEST A CONSULTATION](#)

LAYERED DEFENSES
ARE NOT OPTIONAL
THEY ARE
OPERATIONAL
TECHNOLOGY'S
BACKBONE

VISIBILITY. INTEGRITY. RESILIENCE.

Let's Fortify Your Future.

More information

Email us: info@aristacyber.io
Or visit aristacyber.io