



Protecting the Plant Floor

Is your plant floor open to the internet?

June, 2026

THE OPEN DOOR: WHY YOUR OFFICE NETWORK NEEDS AN AIR-LOCK.

In the modern manufacturing environment, the line between the front office and the production floor has all but disappeared. This convergence brings unprecedented efficiency, but it also introduces an open door one that can allow a simple corporate email virus to halt a PLC on a critical production line. At Craft Automation, we believe that industrial security shouldn't be a black box of jargon. Protecting your facility isn't just a technical requirement; it is a fundamental pillar of operational reliability.



IS YOUR FACILITY READY FOR THE NEXT 15 SECONDS?

Hackers use automated scanners to find open ports at that frequency. Use our interactive auditor to find your gaps before they do.

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THE INVISIBLE BRIDGE: SECURING THE HANDSHAKE

Most facilities rely on corporate firewalls to protect their business data. However, those same firewalls are rarely designed to understand the specific language of machine logic.

Corporate Office is directly connected to the Control Assets without a specialized barrier, the entire plant operates as one big open room. In this "flat" network, a single breach in the office can propagate across the floor in minutes.

THE DEFENSIVE ROADMAP: 3 PILLARS OF A RELIABLE PLANT

The Security Air-Lock (The IDMZ) This boundary ensures that office traffic never touches the plant floor; a digital checkpoint, stopping ransomware before it can find your machines.

Internal Fire Doors (Segmentation) Designed to trap the threat if an area is compromised. Segmentation ensures that the rest of your facility continues to run uninterrupted.

The Spare Tire Strategy (Disaster Recovery) A robust disaster recovery plan—including automated, validated backups—is your "spare tire." It ensures that if a system goes down, your RTO (Recovery Time Objective) is measured in minutes, not days.

FROM DATA TO ACTION: THE RELIABILITY AUDIT

At Craft Automation we understand the importance of secure critical infrastructure. We would like to offer our free Industrial Cybersecurity Audit, built to help facility managers see their network through the lens of the Purdue Model without needing a degree in network engineering.

[Cybersecurity Audit](#)

www.craftautomation.com