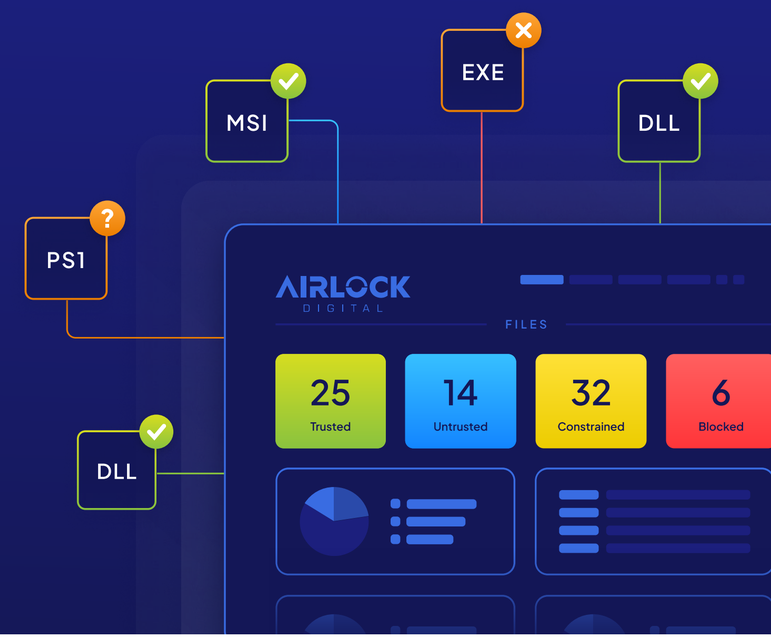
AIRLOCK DIGITAL

Precision Application Control

Modern Endpoint Security for Manufacturing & Hi-Tech



Manufacturers and hi-tech organizations are increasingly targeted by cyber threats seeking to disrupt production, steal intellectual property, or exploit vulnerabilities in legacy systems. Airlock Digital delivers precision application control to **secure IT and OT environments**, prevent ransomware, and ensure regulatory compliance. Designed for operational resilience, our solution provides strict execution control while maintaining system availability and uptime.

Proactive Security with a "Deny by Default" Allowlisting Model

Airlock Digital enforces a **Deny by Default** security posture, ensuring only trusted applications and processes execute across critical manufacturing and industrial systems.

- **Prevent operational downtime** by blocking untrusted applications, ransomware, and malware before execution.
- **Protect intellectual property** from unauthorized software and malicious insiders.
- **Secure industrial control systems (ICS), SCADA, and IIoT devices** with precise execution policies.
- **Maintain compliance** with strict industry security standards while simplifying audit and reporting processes.

Securing IT & OT in Manufacturing Environments

Modern manufacturing relies on a **mix of IT and OT infrastructure**, from cloud-connected smart factories to legacy production systems. Airlock Digital ensures security without impacting performance.

- **Comprehensive Endpoint Security:** Protect Windows, macOS, Linux, and legacy OS environments critical to manufacturing operations.
- **Granular Application Control:** Define trusted applications via hash, path, publisher, or parent process, preventing unauthorized execution.
- **Real-Time Monitoring & Visibility:** Gain full visibility into application execution across production lines and connected devices.
- **Seamless Integration:** Extend security policies across IT, OT, and industrial control systems without disrupting operations.

Streamline Regulatory Compliance

Airlock Digital helps manufacturers implement robust security controls while aligning with key regulatory frameworks and industry standards.

International Organization for Standardization **ISO/IEC 27001**

General Data Protection Regulation **(GDPR)**

CMMC
United States DoD CIO **Cybersecurity Maturity Model Certification**

IEC 62443
Industrial Automation & Control System Security

International Traffic in Arms Regulations **(ITAR)**

United States SEC **Sarbanes-Oxley Act (SOX)**

NIST 800-171

Airlock Digital: Features at a Glance

Real-Time Threat Prevention	Block malware, ransomware, and unauthorized applications before they disrupt manufacturing operations.
Broad OS & Legacy System Support	Secure modern and legacy Windows, macOS, and Linux systems, including industrial control applications.
Granular Application Control	Precisely define trusted applications, scripts, and processes for full execution control.
Application Blocklisting	Prevent Living off the Land (LOTL) attacks by denying execution of high-risk system tools and scripts.
Offline Mode Support	Ensure security continuity for air-gapped systems and remote production environments.
Unified, Scalable Security Management	Manage security policies across global manufacturing sites and connected supply chains from a single platform.
Detailed Reporting & Immutable Audit Trails	Maintain a complete history of application execution and security policy changes to support compliance audits.

Airlock Digital: Securing the Future of Manufacturing

Available as an **on-premises** solution, **self-hosted cloud deployment**, or as a **hardened cloud service**, Airlock Digital provides manufacturers with the foundational security needed to protect intellectual property, prevent operational disruption, and maintain compliance with evolving regulatory frameworks.

To learn more about securing your manufacturing operations, **AirlockDigital.com** or contact our sales team at **sales@airlockdigital.com**.

AVAILABLE FOR

Windows™ | Linux® | macOS™



Scan to request a demo

Book a demo to explore how Application Control and Allowlisting from Airlock Digital can help your business

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