

Practical Allowlisting and Execution Control

“ It seems that the extended security community has come to a consensus that application whitelisting* is one of the most important security technologies/techniques an organization can and should implement.

US Department of Homeland Security



Allowlisting framework

Administrators control where and how they apply trust-hash, publisher, path or process



Unique configurations

Removes an adversary's ability to test and validate their attacks



Blocklisting

Implement pre-defined rules aligned with the Mitre Att&ck framework, Microsoft recommended block rules or create your own



Broad file coverage

Execution control for all executables, application libraries, installers and scripts



Exception handling

Temporarily exclude devices from allowlisting via Airlock's One Time Pad (OTP) functionality to ensure business continuity is maintained

Secure your endpoints with Airlock

Allowlisting (formerly known as application whitelisting) is considered a foundational cybersecurity strategy due to its effectiveness in the prevention of sophisticated malware and file-based attacks such as ransomware. As a result, implementing allow listing is highly recommended in a number of cybersecurity compliance frameworks including NIST, ASD Essential Eight and CMMC.

Developed by cybersecurity practitioners, Airlock addresses the technical and organisational challenges typically associated with allowlisting. Airlock delivers purpose-built workflows that enable rapid and scalable deployment while significantly reducing staffing resources required for day-to-day management.

Key capabilities

Airlock allowlisting enables organisations to reduce cyber risk and significantly uplift their endpoint security posture. Through industry leading workflows that are easy to use, Airlock enables organisations of all maturity levels to maintain a long-term effective allow listing strategy without end user disruption. Airlock's innovative, feature-rich allow listing is used to protect hundreds of thousands of endpoints worldwide.

- Define what files are trusted, block everything else, thereby preventing the execution of all untrusted and unknown code.
- Access to real time execution data enables rapid policy management for minimal business disruption.
- Intuitive product workflows empower IT staff to manage day-to-day operations, without the need for specialist cybersecurity expertise.
- Deploy on premise or in the cloud using Airlock's flexible product architecture.

*Also known as application control or allowlisting.

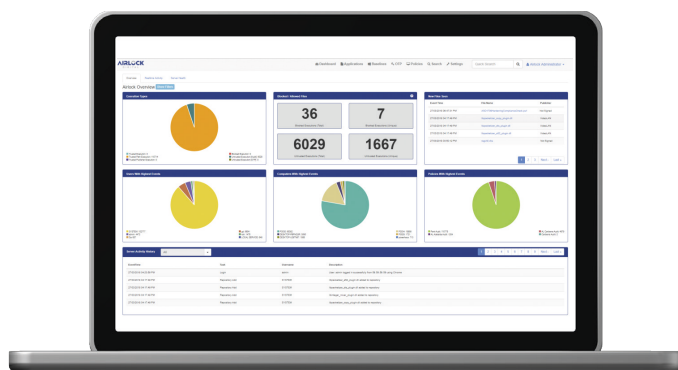


Airlock Allowlisting is evidence based and a known entity which is reliable and predictable.

Jason Waits
Chief Information Security Officer, Inductive Automation

Benefits

- Pro-actively block malware, ransomware, and zero-day attacks.
- Reduce the risk of cybersecurity breaches and the cost associated to recover.
- Extend operational life of legacy systems and reduce the burden on IT resources.
- Meet and maintain compliance requirements and regulatory standards.



Airlock version 5.x

Platform support



Windows® XP SP3, Vista SP2 7 SP1, 8, 8.1 and 10 and 11;

Windows® Server 2003, 2008, 2008R2, 2012, 2012R2, 2016, 2019, 2022 (all platforms include 32bit and 64bit support)



CentOS Linux and Red Hat Enterprise Linux – 6.x / 7.x / 8.x / 9.x

Amazon Linux 2, Ubuntu 14.04 LTS+

macOS

Catalina, Big Sur, Monterey, Ventura and Sonoma

Compliance & regulation

Allowlisting technologies are now written into Government standards and/or regulations worldwide, including:

Australia

ACSC Strategies to mitigate cybersecurity incidents (Essential 8)

United States

Top 10 Mitigations, NIST 800-171, Cybersecurity Maturity Model Certification (CMMC), Center for Internet Security Basic Six

New Zealand

Critical Controls 2022

Canada

Top 10 IT Security Actions

About Airlock Digital

Airlock Digital, delivers forward thinking endpoint protection solutions which enable organisations to implement rapid, scalable allowlisting and execution control.

Through first-hand understanding of the operational challenges in cybersecurity, intimate industry experience and an intuitive solution set, Airlock Digital is positioned as the leading commercial allowlisting vendor worldwide.

Airlock operates worldwide with staff on the ground in Australia and North America.



To learn more about how Airlock can benefit your organisation, speak with an Airlock consultant at info@airlockdigital.com or visit airlockdigital.com