METADEFENDER™

Media Validation Agent

Advanced Scan Enforcement Technology

A lightweight tool installed on critical workstations, OPSWAT Media Validation Agent ensures only peripheral and removable media scanned by MetaDefender Kiosk can interact with secure environments. This solution supports organizations in defending OT assets against significant threats from peripheral and removable media devices, adding an extra layer of security to critical infrastructure sector entry points.
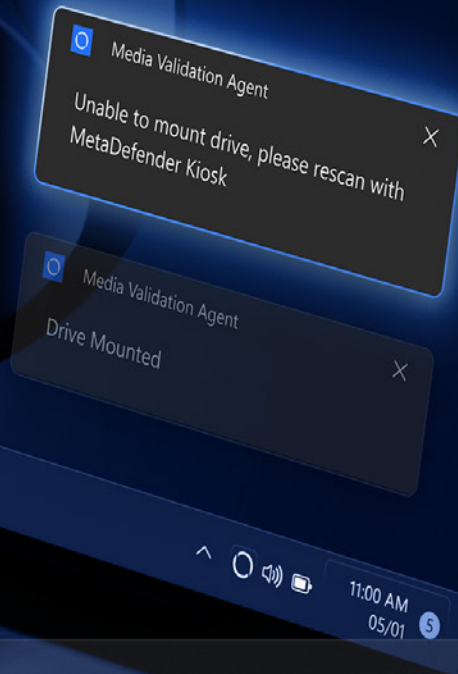
Benefits

Enforceable Scanning Policies
Protect critical assets such as engineering workstations where, once installed, OPSWAT Media Validation Agent will only allow removable media to be accessed if previously scanned and deemed clean by MetaDefender Kiosk.

Ensure Data Integrity
Validate digital signatures whenever media is inserted into a device, blocking unscanned media from accessing your environment.
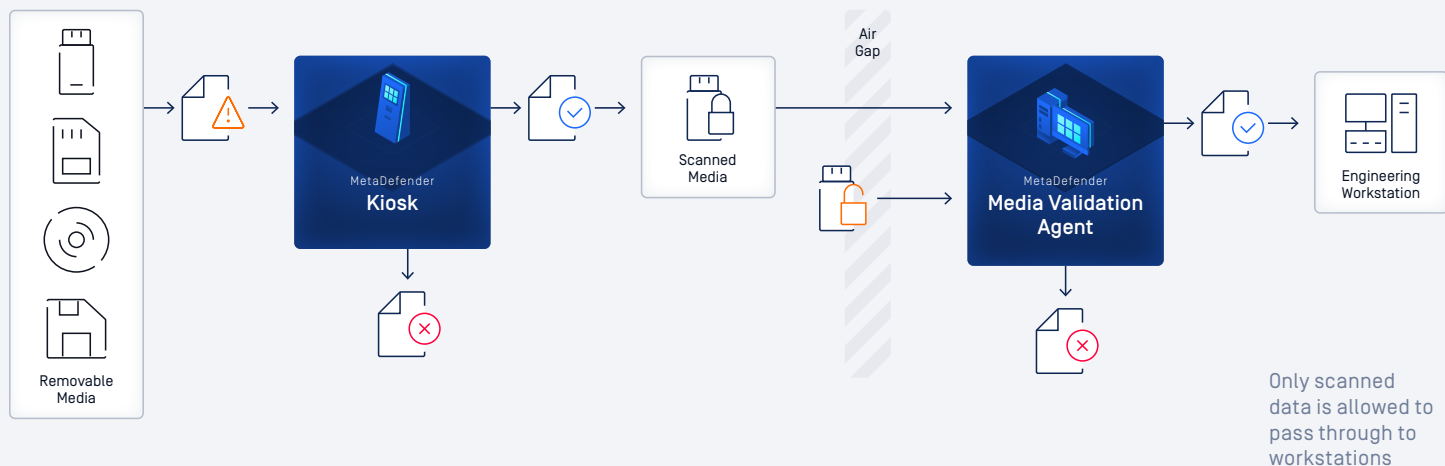
Prevent Propagation of Threats
Removable media with modified content can be re-scanned by MetaDefender Kiosk multiple times until "validated" status is provided.

Easy-to-Use and Deploy
The OPSWAT Media Validation Agent installer can be downloaded easily from the MyOPSWAT Portal and installed easily on Windows-based workstations.

Air Gap

Removable Media

MetaDefender
Kiosk

Scanned Media

MetaDefender
Media Validation Agent

Engineering Workstation

Only scanned data is allowed to pass through to workstations

Compliance and Regulations

Helps organizations comply with standards and regulations, including NERC CIP 003-7, HIPAA, SOC 2, ISO 27001, and other relevant frameworks.

Keep scan enforcement policies consistent with industrial cybersecurity compliance standards.

Centralize enforcement of policies, endpoint tracking, and enhance the efficiency of compliance initiatives.

OS Support

Windows Embedded Standard (32, 64-bit)
Windows 7 (32, 64-bit)
Windows 8.1
Windows 10 (32, 64-bit)
Windows 10 Enterprise LTSC
Windows 10 IOT (64-bit)
Windows 11
Windows Server 2016, 2019, 2022
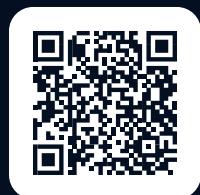
Looking for a Hardware-Based Media Validation Solution?

If installing software on endpoints is not an option for your environment, enforce peripheral and removable media scanning policies with OPSWAT's hardware-based solution—MetaDefender Media Firewall.

LEARN MORE

OPSWAT.
Protecting the World's Critical Infrastructure