

MetaDefender Media Firewall™

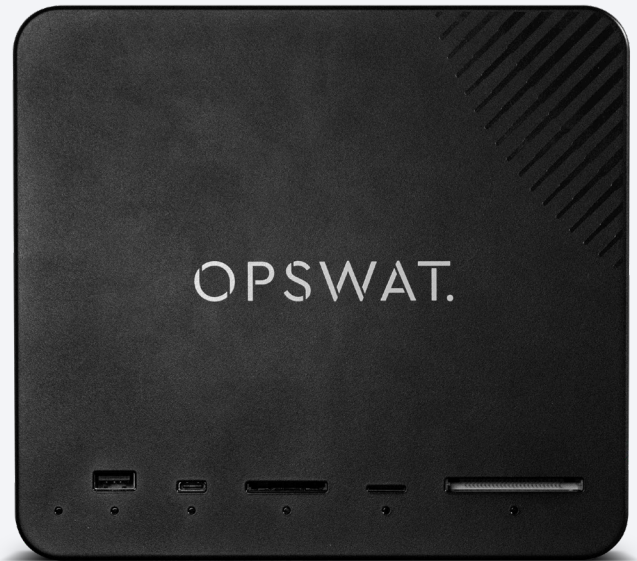
Next-Level Removable Media Security Enforcement for Critical Systems

The MetaDefender Media Firewall appliance is a critical component in a defense-in-depth removable media cybersecurity strategy for IT host systems and/or OT SCADA environments.

OPSWAT's MetaDefender Media Firewall works in conjunction with MetaDefender Kiosk acting as a simple, plug-and-play appliance to secure host systems from the threats of removable media-borne cyberattacks. The pre-installed default configuration ensures the boot sector and file contents of inserted portable media are inspected, audited, sanitized, and approved prior to use.

A Critical Advantage

Removable media threats are consistently listed as one of the top cybersecurity vulnerabilities for IT and OT environments alike by analysts. Many organizations have therefore chosen to internally lock down or entirely disable USB ports to reduce risk, but for some, that's simply not feasible. With the flexible and easy-to-use implementation of MetaDefender Media Firewall and MetaDefender Kiosk, organizations can focus on maximizing productivity while staying secure from the threats posed by removable media.

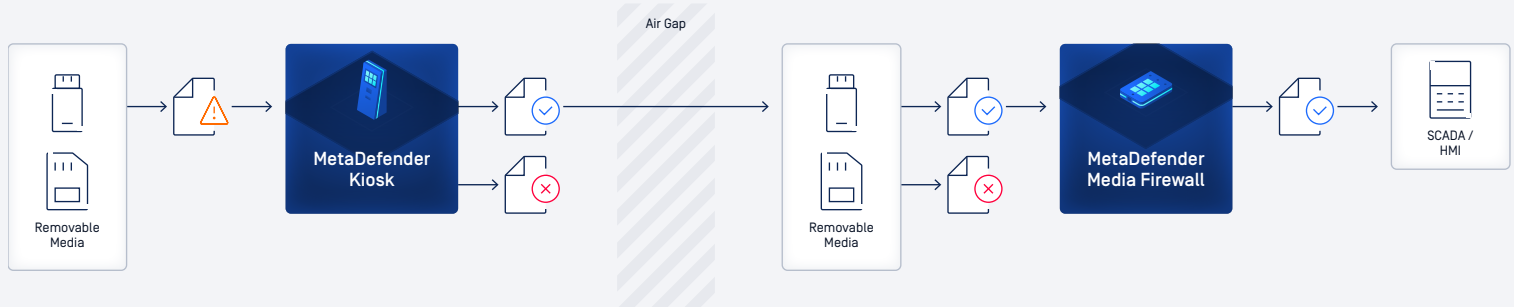


Key Features

- Plug-and-play appliance that requires no software installation on the host computer
- Provides boot sector protection
- Locally managed using host system without ethernet, or remotely managed over ethernet with myOPSWAT.com
- As a prerequisite, Media Firewall requires that portable media is first scanned by MetaDefender Kiosk
- Assists in policy, regulation, and standards compliance with NERC CIP, NIST 800-53, ISA 62443, ISO 27001, and more

OPSWAT.

MetaDefender Media Firewall



Specifications

MEDIA TYPE SUPPORT

Front Side	1x USB 3.0 Type-C 1x USB 3.0 Type-A 1x SD card slot 1x Micro SD card slot 1x Compact Flash card slot
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CONNECTIVITY

Rear Side	1x USB 3.0 Type-C (connect to host system) 1x RJ45 1GE LAN (management port) 1x USB 3.0 Type-A (remote management over Wi-Fi dongle) 1x 12V DC jack or 24V DC jack
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I/O Transfer Throughput	USB 2.0 speed @ 26 Mbps
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Power	Input: 100-240V AC ~1.0A 50Hz-60Hz Output: 12V DC 3.0A 36W
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SOFTWARE

Operating System	Linux 5.10
Firmware	MetaDefender Media Firewall firmware image
Management	<ul style="list-style-type: none">Local: using host system, without ethernetOn-premises: OPSWAT Central Management using ethernetCloud: MyOPSWAT.com using ethernet
Host System Requirements	Windows, Linux, Mac USB Type-A (1.0 or greater)
Supported File Systems	FAT, NTFS, EXT
Supported File Size	Up to 64 GB

HARDWARE

CPU	Quad Cortex-A53 ARM 1.8GHz
RAM	8 GB LPDDR4

ENVIRONMENTAL

Operating Temperature	-5 to +40°C (23 to 104°F)
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PHYSICAL

Dimensions	180mm (W) x 45mm (H) x 200mm (D)
Weight	1.068kg
Mounting	VESA 75
Tamper Detection	Tamper detection tape
Material	Metal and ABS
LEDs	5x on front side per I/O 1x on front side for power

Refer to MetaDefender Media Firewall User Guide for more.

WHAT'S IN THE BOX

Power	12V DC 36W power supply AC power cord
Cables	6ft USB Type-C to Type-A cable 6ft RJ45 CAT 6 ethernet cable
Instruction	Quick Start Guide

REGULATORY

Safety	CE, UL, cUL
EMC	FCC, IC, VCCI, UKCA

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Protecting the World's Critical Infrastructure