

MetaDefender™ USB Firewall

Providing another option for securing and controlling portable media use in Critical Infrastructure

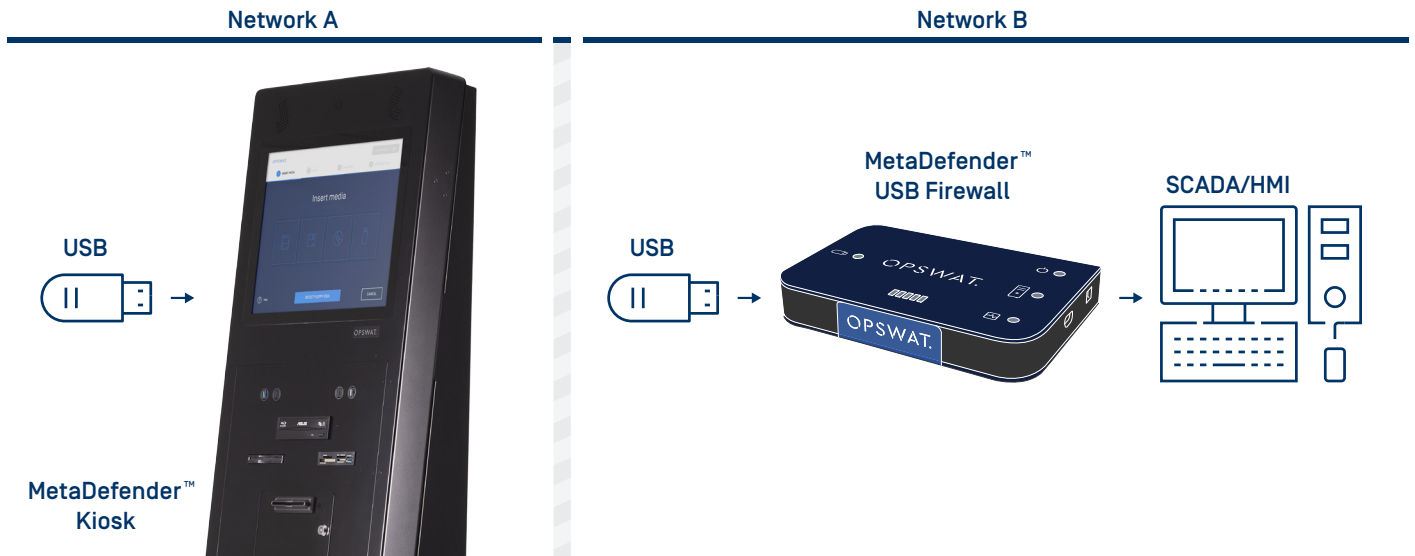
The MetaDefender™ (MD) USB Firewall from OPSWAT provides another option for safely and securely leveraging the productivity advantages, flexibility, and convenience of portable media in IT (Information Technology) and/or OT (Operational Technology) SCADA environments.

Complementing OPSWAT's MetaDefender Kiosk, MetaDefender Vault, and the OPSWAT Client for Windows, Linux, and Mac, the MetaDefender USB Firewall provides a plug-and-play, no install, no software footprint path to securing portable media; ensuring the boot sector and file contents of portable media are inspected, audited, sanitized, and approved prior to use.



Features

- Automatically blocks unprocessed or compromised files
- Boot Sector Protection
- Works with MetaDefender Kiosk Manifest to Audit Files
- No software install required
- Portable Media Security assists in Policy, Regulation, and Standards Compliance
 - NERC CIP, ISA 62443, NIST 800-53, NIST 800-82, ISO 27001



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MetaDefender USB Firewall

Making the Case

Information Technology and Operational Technology (IT/OT) skilled personnel are in high demand. This has made it challenging to hire and retain internal teams. Many companies therefore default to outsourcing skilled contract labor. These contractors are required to support a great many client applications internally, in the cloud, and in the field. This support often requires an exchange of files with offsite sources in order to accommodate a variety of patching, updates, applications, and data analysis.

In lieu of VPN or internet access to the client facility or cloud, portable media has often filled the gap. Portable media devices have improved personnel, process, and technology environments worldwide through leveraging their productivity advantages, flexibility, and convenience. Unfortunately, portable media devices have also served as a transfer point for malware and intellectual property.

USB devices are consistently listed as one of the top cybersecurity vulnerabilities in IT as well as the OT environments of critical infrastructure. Many companies have therefore chosen to internally lock down or remove access to USB ports in order to reduce cyber risk. Some have also taken on the resource intensive task of issuing their own managed laptops to contractors. Regardless, the need for a secure exchange of files remains.

What if there was a way to safely and securely leverage the full productivity, flexibility, and convenience of portable media in an IT or OT environment? Effectively, what if you could have your cake and eat it too? The MetaDefender Kiosk and USB Firewall is the solution that delivers on this vision.

Technical Specifications

USB Media Type Support

- USB Type A
- USB 2.0 High speed

Minimum System Requirements

- Windows, Linux, Mac
- USB Type-A USB 1.0 or greater

Supported File Systems

- FAT, NTFS, Ext, HFS+ & APFS; VHD & VMDK

Material

- Aluminum and ABS

Physical Characteristics

- Dimensions : 125mm x 80mm x 23mm
- Weight : 460g

In the Box

- MetaDefender USB Firewall
- USB power adapter and cable
- USB Micro to Type A cable
- Protective case
- Quick start booklet
- Limited Warranty 1yr

Power

- Supply: 5V DC via USB Wall Adapter (minimum 2A)
- Active consumption: 1A @ 5V (5W)
- Standby consumption: 500mA @ 5V (2.5W)

Regulatory Compliance

- CE
- RoHS/REACH

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Trust no file. Trust no device.