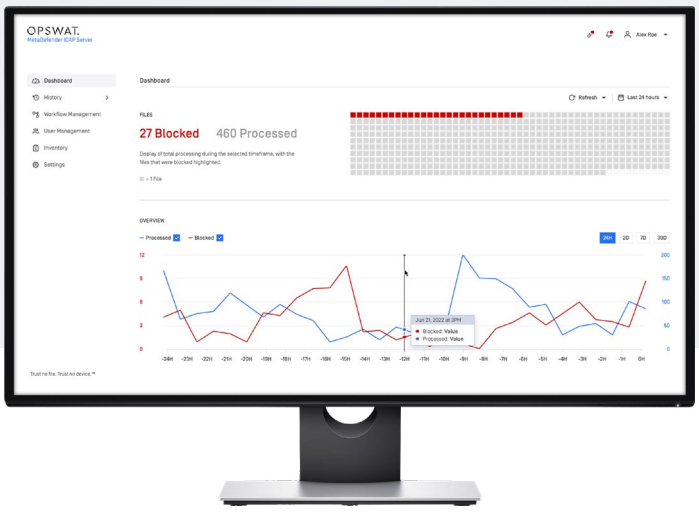
OPSWAT.

DATASHEET

MetaDefender® ICAP Server

Trust your network traffic



Cybercrime is a multibillion-dollar business. Criminals use files to sneak malware into otherwise secure systems. Negligent users may download innocent-looking files meant to steal or encrypt data. Right now, files containing threats or sensitive data might be unknowingly moving through your network traffic and into your organization's infrastructure.

To best secure network traffic from malicious file upload attacks and data leakage, organizations need a comprehensive solution that defends against malware and mitigates risks from data theft.

Our Solution

MetaDefender ICAP Server addresses issues before they are a problem. It integrates into your existing network devices to provide an additional layer of security.

By combining multiple threat detection and prevention technologies, MetaDefender ICAP Server can analyze every file for malware, potentially malicious content, and sensitive data.

As a result, all suspicious files are blocked or sanitized before they are accessible to the end-users. Sensitive data is redacted, removed, or blocked, helping enterprises meet security compliance standards.

Benefits

- Leverage real-time comprehensive threat detection and prevention for network traffic
- Increase cost-efficiency with simple plug-and-play integration via any ICAP-enabled network devices
- Protect against zero-day threats and advanced targeted attacks
- Prevent sensitive data from entering or leaving the organization to mitigate data breaches and compliance violations
- Detect vulnerabilities in files before they are installed
- Customize policies, workflow and analysis rules to meet your unique security needs

Key Features

Deep CDR (Content Disarm and Reconstruction) prevents known and unknown file-borne threats and mitigates zero-day attacks

Multiscanning detects over 99% of malware using more than 30 anti-malware engines

Proactive DLP (Data Loss Prevention) content-checks files for sensitive, private, and confidential data

File-Based Vulnerability Assessment technology detects application and file vulnerabilities before they are installed

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Integration

MetaDefender ICAP Server integrates with any product that supports the Internet Content Adaptation Protocol (ICAP) and can be installed at various intersection points to secure file transfers.

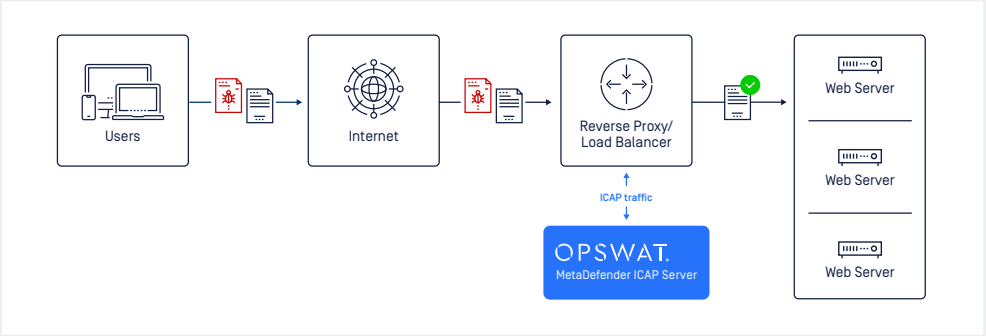
Specifications

Supported Operating Systems	**Windows** Windows 10 Windows Server 2012, 2016, 2019 or newer (64-bit)	**Linux** CentOS 7.x, 8.x, 9.x Red Hat Enterprise Linux 7.x, 8.x, 9.x Debian 9.x, 10.x, 11.x Ubuntu 18.04, 20.04, 22.04
Hardware Requirements	RAM: minimum 2GB free SSD: minimum 5GB free	
Supported Browsers	Chrome, Firefox, Safari, Microsoft Edge	
Ports	Inbound: 1344 (ICAP), 8048 (Web Management Console and REST interface), 8043 & 8443 (NGINX) Outbound: 8008 (only if MetaDefender Core in installed on a remote system)	

Deployment Models	• On-premises
	• Cloud
	• Physical/Virtual deployment:
	  ○ Amazon Machine Images (AMI)
	  ○ Azure VMs
	• Containers:
	  ○ Kubernetes
	  ○ Helm support is available for Amazon EKS (Elastic Kubernetes Service), AKS (Azure Kubernetes Service), and GKE (Google Kubernetes Engine	

Reverse Proxy / Web Application Firewall / Load Balancer / Application Delivery Controller
Protect application web servers from malicious file upload

Supports: F5® Advanced WAF™, F5 Big-IP® ASM™, F5 Big-IP® LTM™, Citrix ADC, Avi Vantage (VMware), Symantec™ Blue Coat ProxySG



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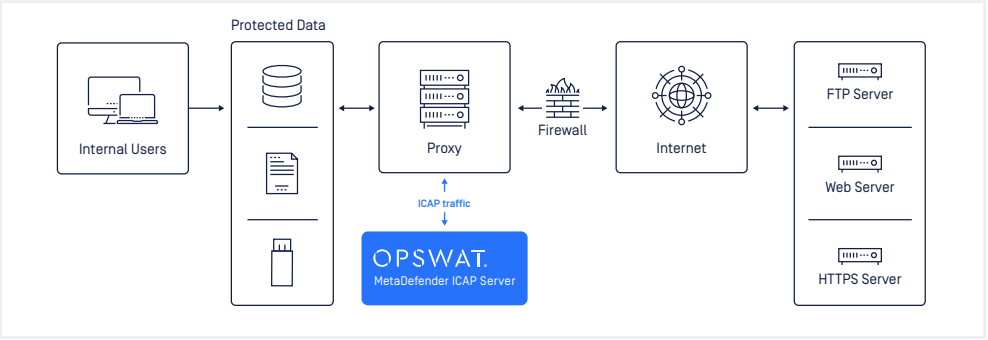
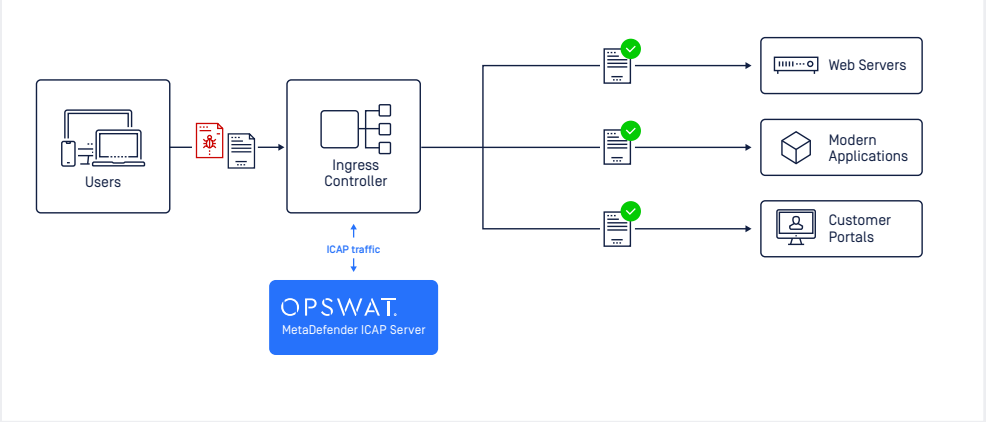
Forward Proxy / Web Gateway / Firewall
Screen web traffic before it reaches a secured network

Supports: Squid, ARA Networks JAGUAR5000, McAfee Web Gateway™, Fortinet FortiGate®



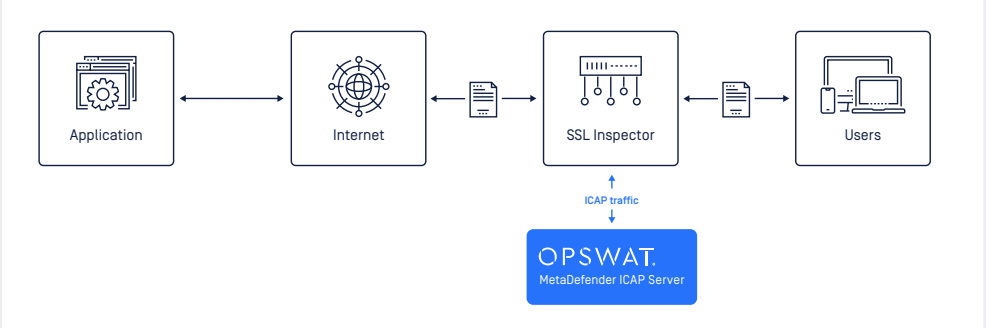
Ingress Controller
Inspect all incoming files for potential malicious files before they are admitted to applications deployed in containerized environments.

Supports: NGINX Plus, NGINX Open Source



SSL Inspection
Integrate multiple security features at the point of decryption for efficient file-based threat prevention.

Supports: F5® SSL Orchestrator™, A10 Networks Thunder® SSLi®



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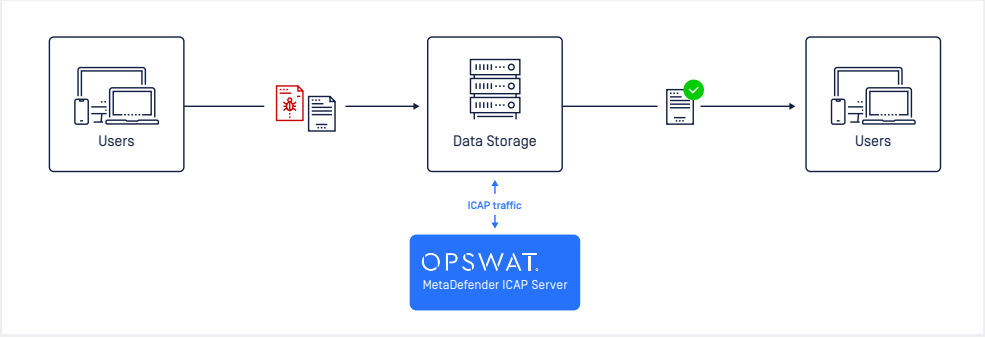
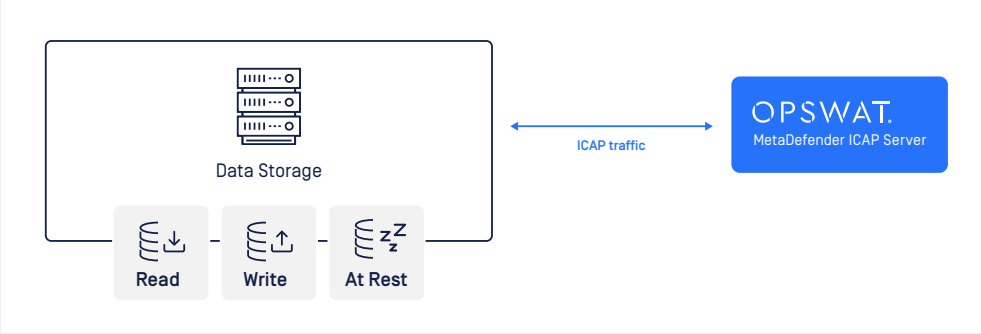
Managed File Transfer (MFT)
Scan all file traffic as it moves through your data repositories

Supports: GoAnywhere MFT, Progress MOVEit, Axway B2Bi, Axway SecureTransport, FileCloud



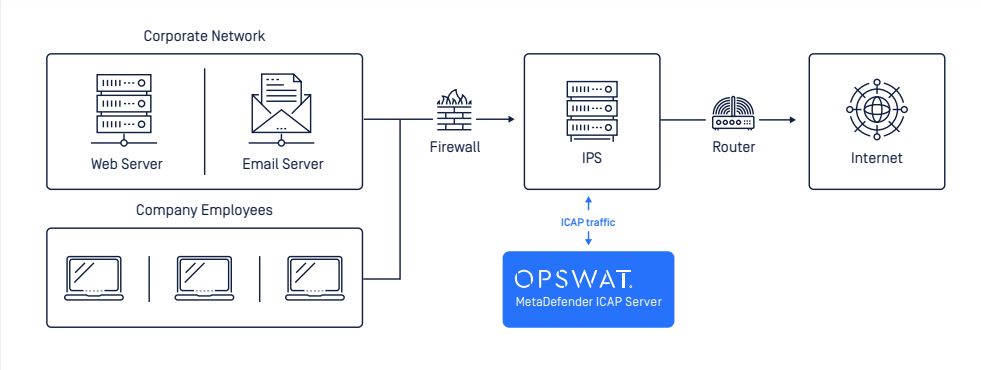
Storage Solutions
Quickly scan files in repositories on read, write, or at rest

Supports: Dell EMC Isilon OneFS, Nutanix Files, Huawei Oceanstor



Intrusion Prevention Systems (IPS)
Enhance the effectiveness of Intrusion Prevention/Detection Systems (IPS/IDS) by adding advanced threat prevention and vulnerability detection

Supports: Any IPS/IDS with ICAP client functionality



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Protecting the World's Critical Infrastructure

Visit opswat.com/products/metadefender/icap for more information on MetaDefender ICAP Server. Schedule a demo with a cybersecurity expert at opswat.com/contact.