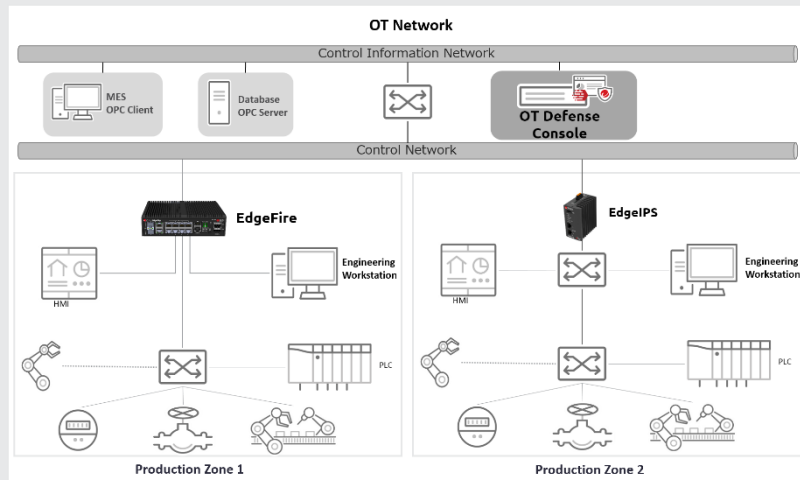


OT Defense Console™ Industrial Central Management Console

DATASHEET

Centralized Continuous Monitoring of OT Cyber Threats with a Secure, Distributed Industrial Network for Uninterrupted Production Line Operation

In recent years, crippling cyber-attacks have become more and more common for factories and critical infrastructure sites across industries including oil, gas, mining, chemicals, energy, manufacturing, and defense. Protecting infrastructure against cyber threats is critical in any Operational Technology (OT) environment. This challenges traditional IT security management because they use proprietary SCADA/ICS networks and devices that are both mission critical and highly sensitive. Industrial sites also require remote access by vendors to provide timely support to their systems, introducing additional complexities to OT network security. With OT Defense Console (ODC™), you will have total OT visibility, and the ability to deliver instant adjustment as necessary to protect your production line and keep it running smoothly.



Benefits

Built for industrial-grade resilience, security, and flexibility

- Tailored for OT environments and industrial design.
- Ruggedized to work well in harsh temperatures.
- ODC supports cross-plant management and can be easily integrated with SOC/SIEM.
- Intercepts the spread of worms from deployed EdgeIPS and EdgeFire nodes.
- ODC has physical and virtual versions, and it works well in our hardware or your choice of server.

Broad visibility for large-scale OT networks

- Use the dashboard to easily monitor cases, receive notifications, and analyze activity in the OT environment.
- Maintain an overview of system cyber risk status, threat vulnerability, and ability to resist attack.
- Customizable dashboard allows you to add or arrange widgets to monitor network activities and system status.
- Scalable to hundreds or even thousands of assets at multiple sites with EdgeFire and EdgeIPS.
- Gain visibility into your shadow OT environment.

Increase convenience and interconnectivity

- Reduce your maintenance costs across facilities with easy, efficient management system.
- Convenient management policies as well as up-to-date security signature updates and provisioning.
- Manual firmware and pattern provision to EdgeIPS and EdgeFire by node group.
- ODC logs activity at each EdgeFire and EdgeIPS node, including cybersecurity, policy enforcement, protocol filtering, system logs, audits, and asset detection.

Key Features

- Organize Your Info with the ODC Dashboard**
 The dashboard of OT Defense Console gives you a comprehensive, consolidated overview. This is organized into alerts, assets, and incident events, allowing you to directly monitor the security of your enterprise's industrial control system.
- Gain an Overhead View of Your Cyber Situation**
 Clear visibility is crucial for strong ICS security, so ODC gives clear visibility of all installed ICS assets in the OT environment and how they're connected, as well as giving users vision of the shadow OT environment.
- Easily Manage Vast Amount of Network Nodes**
 ODC allows large-scale and remote management of all EdgeIPS and EdgeFire devices in your different facilities.
- IPS and Policy Enforcement by Group**
 ODC uses the powerful, signature-based "Virtual Patch" threat prevention solution, organized by node group, to protect the OT network from known threats.
- Easily Manage Vast Amount of Network Nodes**
 ODC provides administrators with the ability to edit the OT protocol whitelist to enable interactive interoperability between key production machine assets, as well as to deeply analyze L3-L7 networks by node group.
- Virtual ODC is Ready for Your Hardware**
 Virtual ODC manages a maximum number of nodes depending on system resources, which it checks when a node license is activated.
- Convenient Pattern and Firmware Update**
 Provide pattern and firmware updates for EdgeIPS and EdgeFire by node group, allowing greater efficiency for administrative and on-site support tasks.
- Log View and Query**
 ODC keeps cybersecurity, policy enforcement, protocol filter, node group system, audit, and asset detection logs, complete with a graphical user interface and other tools to help you get what you need out of them – and any EdgeFire or EdgeIPS node running on your network – as quickly as possible.

OT Defense Console™ Specifications

OT Defense Console - Physical Appliance				
Model Name	ODC-PA 1001K	ODC-PA 1500	ODC-PA 1200	ODC-PA 1050
Zone Size	Large Zone	Medium Zone	Medium Zone	Small Zone
Description	Power Physical Appliance for Large Zone	Power Physical Appliance for Medium Zone	Power Physical Appliance for Medium Zone	Power Physical Appliance for Small Zone
Form Factor	1U Rack Mount	1U Rack Mount	Fanless Design, optimized for wall, DIN-Rail and VESA Mounting	Fanless Design, optimized for wall, DIN-Rail and VESA Mounting
Interface	Dual Giga Ethernet : 2 x RJ45	Dual Giga Ethernet : 2 x RJ45	Dual Giga Ethernet : 2 x RJ45	Dual Giga Ethernet : 2 x RJ45
USB Interface	V2.0 x 1 / V3.0 x 2	V2.0 x 1 / V3.0 x 2	V2.0 x 4 / V3.0 x 4	V2.0 x 4 / V3.0 x 4
Max Managed Nodes	1000	500	200	50
Storage	7TB (RAID 5)	7TB (RAID 5)	1TB (RAID 1)	1TB (RAID 1)
Power Supply	100~240v full range, 500W Redundant hot swap power	100~240v full range, 500W Redundant hot swap power	24V DC (12-26V) power input. Also accepts AC adapter, 130w with locking plug	24V DC (12-26V) power input. Also accepts AC adapter, 130w with locking plug
Safety	UL	UL	UL	UL
Certification / Compliance	CE, FCC, VCCI Class A	CE, FCC, VCCI Class A	CE, FCC, VCCI Class A	CE, FCC, VCCI Class A
Green Product	RoHS , RoHS2 , CRoHS, WEEE	RoHS , RoHS2 , CRoHS, WEEE	RoHS , RoHS2 , CRoHS, WEEE	RoHS , RoHS2 , CRoHS, WEEE

OT Defense Console - Virtual Appliance					
Target Max Managed Node	500	300	200	100	50
vCore	16	12	8	4	4
Memory	32 GB	32 GB	16 GB	16 GB	8 GB
Disk Storage (Recommend)	256 GB or above	256 GB or above	256 GB or above	256 GB or above	256 GB or above
Supported Hypervisors	VMWare ESX 6.X or above / VM Workstation V14 or above / KVM 2.x or above XEN 4.4+ (Note : Available in 2020) / Hyper-V (Note : Available in 2020)				



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