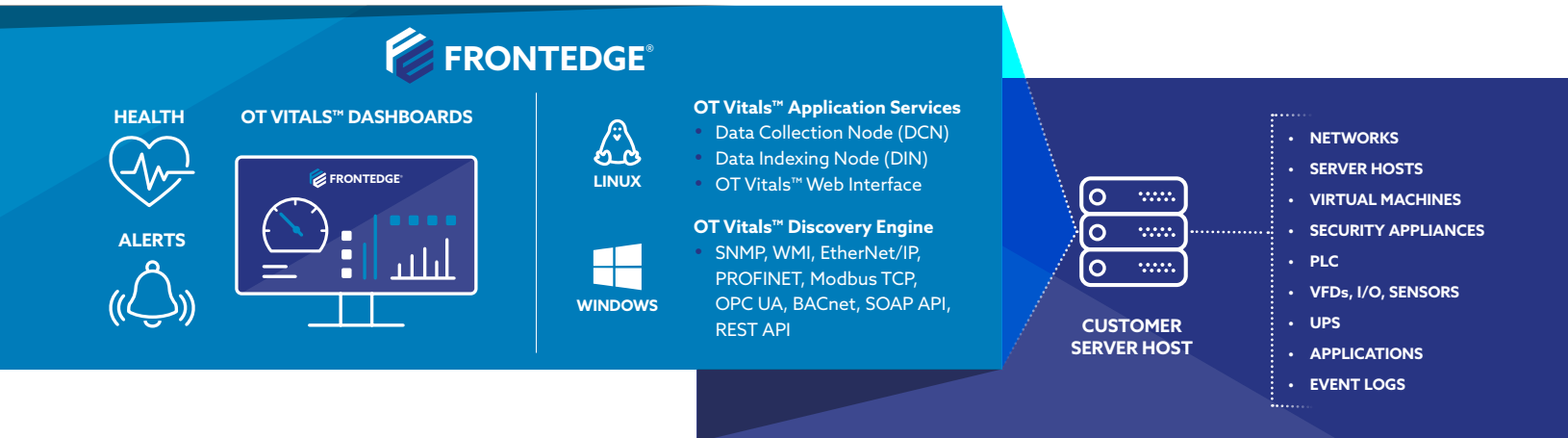


FRONTEDGE® OT VITALS™

ASSET VISIBILITY, REALTIME HEALTH & MONITORING FOR CRITICAL INDUSTRIAL SYSTEMS

OT Vitals™ is an on-premises monitoring solution providing a comprehensive view into the health of your critical ICS infrastructure and assets through a single pane of glass. From virtual hosts in the industrial datacenter to the industrial edge where controllers and sensors reside, OT Vitals™ aggregates and visualizes asset data, diagnostics, and health from the diverse set of endpoints and software found in your industrial control system environment. With rich dashboards, interactive drilldowns, and built-in threshold and event alerts, OT Vitals™ simplifies troubleshooting and helps prevent costly outages due to infrastructure failures. Built for OT and IT professionals alike, OT Vitals™ is the foundational IIoT tool of Frontedge® providing asset visibility and system health awareness.



FEATURES

Interactive Drilldown Dashboards:

- Network, Server Host, VM System Health Summary
- Network, Server Host, VM Health Detail
- Device Inventory - IP Address, VLAN, Switchport Topology
- Automation Device Firmware Versions
- Syslog Summarization
- VPN Remote Access History

MONITORING & ALERTING

Network Switch / Security Appliance:

- System Temperature Threshold
- CPU Utilization Threshold
- Memory Utilization Threshold
- Configuration Change
- Critical End-Point Connection State

Server Host (Hypervisor):

- System Temperature Threshold
- CPU Utilization Threshold
- Memory Utilization Threshold
- Datastore Storage Threshold
- Duplex State Change (*fault-tolerant hardware*)

Virtual Machine:

- CPU Utilization Threshold Exceeded
- Memory Utilization Exceeded
- Disk Space Threshold Exceeded
- Critical Windows Services
- Windows System and Application logs

Network-Connected UPS:

- Battery Capacity
- Battery Output Status

SOLUTION TECHNICAL SPECIFICATIONS

- Designed to run on-premises on customer compute resources
 - Optional OT Vitals™ Hardware Server Appliance available
- SNMP Read-Only Community String setup required
- Telnet/SSH access to infrastructure devices required

SYSTEM REQUIREMENTS

Linux Operating System	CentOS 8
Windows Operating System (64-bit)	<ul style="list-style-type: none"> • Windows 10 • Windows 2012 R2 Server • Windows 2016 Server
CPU	Six-core, 2+ GHz
RAM	16 GB
Storage	300 GB
Browser	<ul style="list-style-type: none"> • Chrome • Firefox • Safari • Edge

SUBSCRIPTION OFFER STRUCTURE

- Frontedge® OT Vitals™ term licensing is determined based on the size of the system being monitored established during the FERA (*Frontedge® Readiness Appraisal*)
- License structure considers the number of monitored infrastructure devices and industrial endpoints
 - Licensing is available with a subscription term of 1, 3, or 5 years
 - Flexible subscription billing model: monthly payments or prepaid for the entire term

Within the subscription term, the offer includes:

- OT Vitals™ Software along with access to all maintenance, minor, and major system upgrades, and patches
- Monthly health check summary reports
- License to manage a fixed count of Cisco/Stratix Industrial Ethernet Switches (*included as part of underlying 3rd party bundled licensing*)

CONTACT DETAILS

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