



Enterprise Monitoring and Dashboard System Facility for StarTrX Platform

Data Sheet



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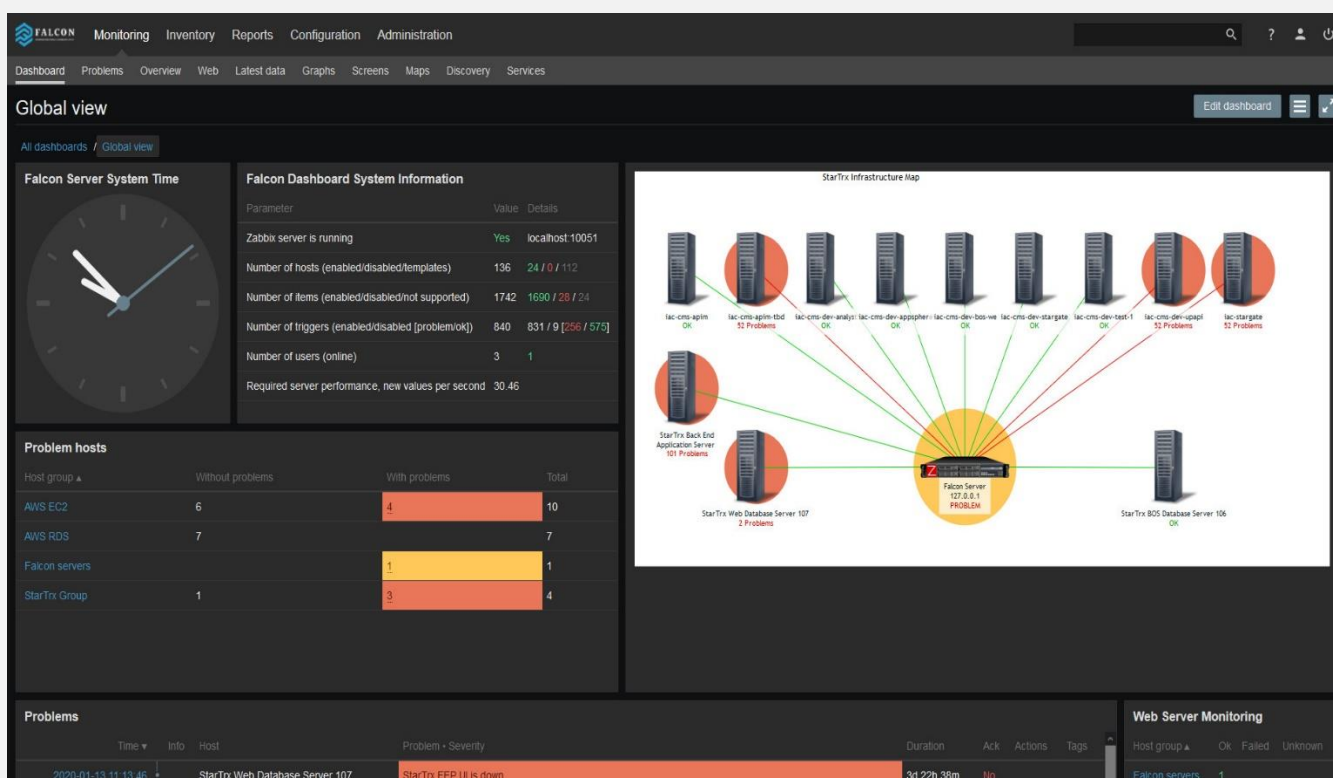
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FALCON – DISTRIBUTED MONITORING AT A GLANCE

StarTrX Falcon is a powerful and affordable enterprise-level real-time monitoring system to gather and analyse events from servers, virtual machines, cloud and network devices enabling the user to quickly detect, diagnose, and resolve problems and service outages.

Falcon offers its users the perfect balance of simplicity and depth. Being able to monitor your StarTrX enterprise network is all dependent on your perspective. StarTrX Falcon technology delivers a comprehensive view of the connected network.



FALCON AT A GLANCE

- Speed troubleshooting, increase service levels, and reduce downtime
- Improve the quality of services and reduce operating costs by avoiding downtime
- Monitor resource usage trends and plan capacity increase in a timely manner
- Modular and highly scalable
- Monitor performance and availability of networks, applications and cloud resources
- Send notifications or execute remote commands in case of current or potential problems
- Rich visualization capabilities, customizable dashboard, custom graphs and network maps
- Provide distributed monitoring options
- Improve operational efficiency with out-of-the-box dashboards, alerts, and reports

Silverlake Intel Appliance (SIA) FALCON SKU Feature List

Feature	X3 Series	X5 Series	X7 Series
Platform, Deployment & Architecture			
Type	Basic FALCON Functionality	Mid-Enterprise Level FALCON functionality	Full-Enterprise Level FALCON functionality
Options / Configurations Available	X300	X500	X700
Agentless deployment	✓	•	•
Agent-based deployment - distributed mode (1:N connections)	•	✓ (built-in, fully integrated with all StarTrX VM's)	✓ (built-in, fully integrated with all StarTrX VM's)
On-behalf deployment - concentrated mode (1:1 connections)	✓	✓	✓
Hybrid deployment	•	✓	✓
Hardening	✓	✓	✓
Native Integration with Silverlake Aurora ¹ solution suite for IDM, AM & DS	✓	✓	✓
Native Integration with Silverlake VariA ² solution suite (Multi-factor Authentication Service Platform)	✓	✓	✓
Auto discovery	✓	✓	✓
Easily Scalable, to allow larger deployments or new devices or platform technologies	✓	✓	✓
Low-Impact Architecture, minimal changes required to existing architecture	✓	✓	✓
High Availability Option	•	✓	✓
Disaster Recovery Option	•	✓	✓
Monitored Hosts	max 10 hosts	max 100 hosts	max 1000 hosts
OS Platform	RHEL, CentOS	RHEL, CentOS	RHEL, CentOS
Hardware^{3,4}			
Type of processor	2nd-Gen Intel Xeon Scalable processors	2nd-Gen Intel Xeon Scalable processors	2nd-Gen Intel Xeon Scalable processors
CPU Core	2 cores	4 cores	8 cores
Type of Disk Type	SATA, SCSI, SSD	SATA, SCSI, SSD	SATA, SCSI, SSD, Intel Optane Memory
Disk Capacity	30GB	300GB	15TB
Memory/RAM Capacity	2GB	8GB	16GB

Type of Network Adapter	10/25/40 Gigabit Intel® Ethernet Network Adapters for OCP		
Intel Software Guard Extensions (Intel SGX) Technology	✓	✓	✓
Intel Active Management Technology (AMT)	✓	✓	✓
Redundant power supply	•	✓	✓
RAID 1	•	✓	✓

¹Aurora is an Identity Access Management solution offered by Silverlake Sheaf, a Silverlake Group Company

²VariA is Multi-Factor Authentication Solution offered by Silverlake Sheaf, a Silverlake Group Company

³ Commercial grade embedded appliance

⁴The minimum server requirements listed assume default configuration based on model number. Significantly increasing the poll rate or statistic collection rate could result in additional load on the server, which may require a larger CPU or additional memory or Disk.

FALCON – FEATURES LIST

Feature Category	Falcon
Dashboard and User Interface	The Falcon dashboard is high-quality and can be customized and offers a cleaner and custom experience.
Configuration	Falcon allows you to change your configurations through a web-based interface.
Visualization	Falcon has its own premium graphs available out-of-the-box.
Web Interface	Convenient to deploy. Falcon allows you to configure your monitoring environment through the use of a modern user interface.
Autodiscovery	Monitoring large environments could be a nightmare without automation. Falcon provides several ways of automating the management of such StarTrX environments. Devices and elements of devices, such as file systems and network interfaces, batch & online processes, can be added and removed automatically as they come and leave a StarTrX environment.
Protocol Support	Offers support for HTTP, FTP, SMTP, SNMP, POP3, SSH and MySQL.
Alerts and Notifications	<p>Alerts and notifications are offered out-of-the-box.</p> <p>You can opt to receive Alerts through email and SMS. Falcon also allows You to customize messages and to determine an escalation chain.</p>
Monitoring Templates	Falcon offers templates for FTP, HTTP, HTTPS, IMAP, LDAP, MySQL, NNTP, SMTP, SSH, POP and Telnet.
Cross-Platform	Extensive customization capabilities of Falcon allow to integrate it in any environment on StarTrX
Notification	<p>Falcon allows not only to collect, store and analyse information about monitored environment, but also to inform responsible personnel about occurred incidents through a variety of notification methods:</p> <ul style="list-style-type: none">• e-mail• SMS• Jabber <p>further notifications can be scripted and customized (depending on the context)</p> <p>examples: (Skype, instant messaging, voice, etc.)</p>

Escalation	Powerful escalation module supports building of complicated workflows to assist delivering only relevant alert information to responsible personnel at the right time.
Data Repository	<ul style="list-style-type: none"> Falcon offers great performance and can be scaled to very large environments. Data is gathered using various methods, including Falcon native agents and agentless options: SNMPv1, SNMPv2, SNMPv3, IPMI, WMI, trappers, SSH, Telnet, web checks.
Dynamic network discovery and mapping	Automatically discover and map devices, performance metrics, link utilization, and wireless coverage.
Hardware health monitoring	Monitor, alert, and report on key device metrics, including temperature, fan speed, and power supply.
Customizable performance and availability reports	Schedule and generate custom network performance reports with one of over 100 out-of-the box templates.

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