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Data Sheet

PowerManage: IP-based Security Management Platform

An Advanced Service Management Platform

PowerManage is an advanced service management platform that enables central monitoring companies to efficiently monitor, manage, and control Tyco security systems, such as PowerMaster, PowerSeries Neo, PowerSeries Pro and Tyco Dual Path communicator.

An all-in-one IP-receiver, technical management center, and end-user remote access platform, PowerManage runs on standard professional servers and proven web technologies, with the highest cyber security standards. It can also be implemented in a virtual machine (VM) environment.

Technology

PowerManage is a Linux-based management system. It features an embedded SQL database and can be easily integrated into any Central Management System (CMS). The system is scalable, providing solutions for small installations as well as large ones of up to 100,000 panels per single server.

Availability

Assure high system availability with PowerManage's scalable solutions for disaster recovery:

- Hot standby local redundancy with two servers – In the event of a software or hardware failure, the system immediately switches to the redundant server.
- Multi-site geo redundancy with two servers in two separate locations in replication mode – In the event of an outage at the primary site, all services can be moved to the redundant site.
- Carrier-grade local and geo redundancy – Used mainly by customers who wish to get the highest system availability, with minimal risk of service shutdown.

Key Benefits

IP Receiver:
- Enables real-time alarm and event monitoring
- Reduces unneeded site visits by providing visual alarm verification and advanced reporting tools

Technical Management Center:
- Improves the technical support team's productivity and drastically reduces field visits by allowing Routine Remote Inspection (RRI), remote system programming, diagnostics and remote firmware upgrades**
- Provides easy installer access to panels by installer app

End-user remote access:
- Enables end-users to interact with their security system via any smartphone
- Allows visual alarm verification and alarm monitoring by end-users
- Increases ease of use and convenience with multi-language support

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** For selected panels only

![tyco logo]

Hardware Specifications*

	PowerManage High Performance (HP) up to 100K accounts	PowerManage Mid Performance (HP) up to 50K accounts	PowerManage Low End (DELL) up to 10K accounts
Weight	17.92 KG	17.92 KG	5.26 KG
Dimensions	17.54 x 28.75 x 3.44 in	17.54 x 28.75 x 3.44 in	3.7 x 11.5 x 11.4 in
Hard drive	HP 2x600 GB SAS 10k 2,5" SFF	HPE 600GB SAS 12G Enterprise 10K SFF	3.5" 500GB 7200rpm SATA
Processor	Intel® Xeon® 5118 (12 core, 2.3 GHz, 16.5 MB, 105W)	Intel® Xeon® Scalable 4110 (8 core, 2.1 GHz, 11.00 MB, 85W)	Intel Core i5-8500 (6 Cores/9MB/6T/ up to 4.1GHz/65W)
Memory	HPE 64GB (4x16GB) Dual Rank x8 DDR4-2666	HPE 32GB (2x16GB) Dual Rank x8 DDR4-2666	8GB 1X8GB DDR4 2666MHz UDIMM Non-ECC
Hot standby redundancy	Yes	Yes	No
SMS/MMS notifications	Yes	Yes	No
E-mail notifications	Yes	Yes	Yes

* The recommended hardware is not sold through the Tyco distribution network and should be acquired separately.

Compatibility

PowerSeries Pro and PowerSeries Neo systems. For further information please refer to www.dsc.com
PowerMaster systems. For further information please refer to www.visonic.com
Tyco Dual Path communicator. For further information please refer to www.dsc.com and www.bentelsecurity.com

App compatibility

VisonicGo app
ConnectAlarm user app
AlarmInstall and PowerSeries Pro AlarmInstall installer apps

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.