

Data Sheet

FUJITSU Software ServerView® Suite

Server Management – Overview

Integrated Server Lifecycle Management.

Resourceful Server Management

FUJITSU Software ServerView® Suite provides all the necessary elements for professionally managing server systems during their lifecycle. All ServerView products, e.g. for deployment, monitoring and administration, remote and power management come from a single source, which understands data center structures and processes. This is particularly important for those customers aiming to benefit from latest virtualization and server technologies and thus improve the efficiency and flexibility of their IT.

FUJITSU Software ServerView® Suite delivers optimized deployment, permanent status monitoring and extensive control or analysis that result in fewer downtimes as well as improved maintenance and service quality. ServerView greatly supports routine tasks of system administrators with simplified, highly integrated and automated server management processes. Seamless integration of Fujitsu PRIMERGY servers in different enterprise management systems enables full investment protection.

FUJITSU Software ServerView® Suite is also cost-effective. It offers free-of-charge generic management functions for server installation, monitoring and administration including basic remote management as well as a range of integration packs enabling seamless and easy integration of PRIMERGY servers in widely-used enterprise management solutions.

ServerView Components

ServerView® Suite components provide all the functions for fail-safe, flexible and automated 24x7 server operations and improve end-user productivity via intelligent and innovative system management solutions.

DEPLOY

- Server Setup
- Deployment

CONTROL

- Server Monitoring and Control
- Agentless Management
- Capacity Management
- Power Management
- Storage Support

DYNAMIZE

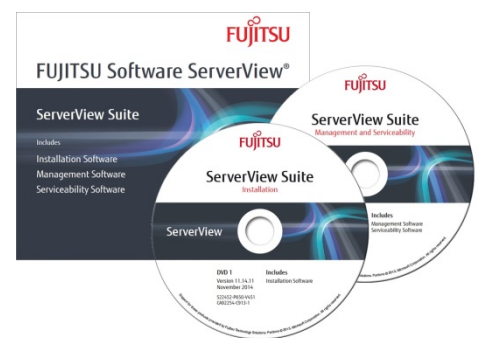
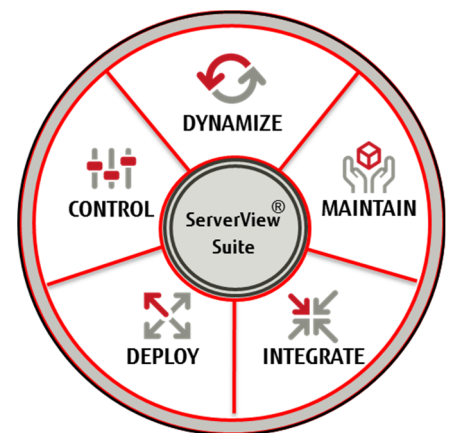
- Virtual-IO Management (VIOM)

MAINTAIN

- Remote Management
- embedded Lifecycle Management
- Update Management
- Performance Management
- Asset Management / PrimeCollect
- Online Diagnostics / Customer Self Service

INTEGRATE

- Integration in heterogeneous IT landscapes



Features and benefits



Main features	Benefits
<p>DEPLOY</p> <ul style="list-style-type: none"> ■ Flawless quality controlled server configuration and reproducible totally unattended installation of operating systems. ■ Easy-to-use collection of utilities and sample scripts for individual script-based server configuration and installation. ■ Local or remote system preparation and installation of single servers as well as multiple servers. 	<ul style="list-style-type: none"> ■ Reduces administration costs and guarantees reliability and availability. ■ Helps to ease and automate the configuration and installation process of Fujitsu PRIMERGY servers in scripting environment. ■ Cuts down service expenses.
<p>CONTROL</p> <ul style="list-style-type: none"> ■ Comprehensive monitoring and analysis of Fujitsu PRIMERGY servers and connected storage extension units in the network. ■ Preventive error recognition as well as various integrated diagnostics functions. ■ Central and uniform management of RAID configurations. 	<ul style="list-style-type: none"> ■ Reduces administration costs and increases system availability. ■ Greatly reduces service costs. ■ Reduces administration costs.
<p>DYNAMIZE</p> <ul style="list-style-type: none"> ■ Separation and virtualization of server IO parameters in a HW-independent profile repository. ■ Integrated administration of physical and virtual servers. 	<ul style="list-style-type: none"> ■ Reduces time effort and costs for the installation, maintenance and recovery of blade and rack servers. ■ Optimizes server life-cycle management operations and provides cost-effective high-availability.
<p>MAINTAIN</p> <ul style="list-style-type: none"> ■ Full remote control and analysis of Fujitsu PRIMERGY servers irrespective of their system status and location. ■ embedded Lifecycle Management (eLCM). ■ Full automated distribution and installation of updates in the network. ■ Creation and comparison of server inventory snapshots for easy identification of configuration changes and possible problems. 	<ul style="list-style-type: none"> ■ Allows maintenance tasks and failure diagnostics of PRIMERGY servers on a remote basis and in a highly efficient manner. ■ Greatly supports routine management of system administrators with simplified, highly integrated and automated server management processes. ■ Allows secure updates of various components of the servers. ■ Increases server uptime and secures server operation.
<p>INTEGRATE</p> <ul style="list-style-type: none"> ■ Seamless and easy integration of Fujitsu PRIMERGY servers in widely-used enterprise management systems or vendor specific server management solutions. 	<ul style="list-style-type: none"> ■ Provides a single point of control and administration for Fujitsu PRIMERGY servers operated in heterogeneous environments.

DOCUMENTATION

For more information including technical details please refer to data sheets, user manuals and further documents provided on the websites listed in the link collection on page 5.

ServerView® Suite Components Overview

ServerView®



DEPLOY

All items required to initially install Fujitsu PRIMERGY servers in a very convenient and unattended manner.

SERVER SETUP AND DEPLOYMENT

- ServerView Installation Manager

Easy, secure server configuration and fast, unattended installation of operating system and management software. Either local or remote or for multiple servers in parallel.

- ServerView Scripting Toolkit

Easy-to-use collection of utilities and sample scripts for individual script-based server configuration and installation.



CONTROL

One comprehensive web-based tool consolidates all the management tasks for high levels of system availability, flexibility and efficient IT operation.

SERVER MONITORING AND CONTROL

- ServerView Operations Manager (SV OM)

ServerView's central management component monitors and analyzes physical and virtual servers and the associated infrastructure such as storage extension units in the network. Its continuous health control via 24x7 monitoring increases the availability of the IT infrastructure. Downtimes can be reduced to a minimum or even be avoided.

- ServerView Agentless Management

Improves data security by separating the networks of productive and management data, offers flexibility by managing the server independent from its operating state and reduces load on system resources to a minimum while still providing almost all management data via out-of-band communication.

- ServerView System Monitor

Designed for management of geographically dispersed standalone servers, System Monitor features a very small memory footprint and provides system status information via a local display or via mobile devices like smartphones and tablets. This makes it easy to use by non-IT experts, cutting administration costs while still delivering comprehensive management capabilities.

- ServerView Event Manager

Provides fast, reliable and detailed information about critical server states or failures at the central management station. Moreover, the highly flexible alarm forwarding to various recipients, such as pop up, email, mobile or pager, ensures support anytime and anywhere.

- ServerView RAID Manager

Provides uniform administration and monitoring of host-based hardware and software RAID solutions that are provided by different vendors for Fujitsu PRIMERGY platforms.

CAPACITY MANAGEMENT

- ServerView Threshold Manager

Provides accurate warnings about the utilization limits for physical or virtual server resources being reached, thus helping to easily identify current performance issues and to ensure constant service delivery.

POWER MANAGEMENT

- Power control and monitoring functions

Power management functions, including power-on, power-off, display and recording of power consumption, can be used both on physical servers as well as on virtual servers.

- Power Consumption Manager

This tool allows to limit the power consumption of the server.

STORAGE SUPPORT

- ServerView Storage Manager

Is a uniform Storage Management Service based on SMI-S, the storage industry's standard from SNIA, and hides the complexity of storage vendor-specific interfaces and storage connections. It provides information of monitored storage devices and includes additional management functions covering storage provisioning, management of data replication and statistical information.



DYNAMIZE

Accelerate, further simplify and dynamize server life cycle operations. Become more flexible and make IT operation even more efficient.

VIRTUAL-IO MANAGEMENT

- ServerView Virtual-IO Manager (VIOM)

VIOM greatly simplifies the management of Fujitsu PRIMERGY blade and rack servers in LAN and SAN environments while providing highest flexibility at their deployment and operation.



MAINTAIN

Powerful tools and functions to prevent downtime, to recover more quickly and to save costs.

REMOTE MANAGEMENT

- ServerView Remote Management

Enables fully remote control and analysis of Fujitsu PRIMERGY servers irrespective of their system status and location. In the event of a failure administrators or service providers can access the server in order to run failure diagnostics and maintenance tasks on a remote basis and in a highly efficient manner.

LIFECYCLE MANAGEMENT

- ServerView embedded Lifecycle Management (eLCM)

consolidates and enhances management functionalities directly available ("embedded") within the server for simplified, highly integrated and automated management processes.

UPDATE MANAGEMENT

- ServerView Update Manager

Provides fully automated distribution and installation of updates in the network.

- ServerView Update Manager Express

Is used to carry out updates locally on the server via bootable media or running OS (Windows/Linux). See exactly how the servers are equipped and perform required BIOS, firmware or Windows driver updates by simply pressing a button.

PERFORMANCE MEASUREMENT

- ServerView Performance Manager

Monitors the utilization of server resources; enables long-term monitoring and utilization analysis for specific server components; helps to detect resource bottlenecks and to guarantee service levels.

INVESTIGATION

- ServerView Asset Management

Creates and compares server inventory snapshots and easily identifies server configuration changes and possible problems. It increases uptime and helps to run systems more securely.

- ServerView PrimeCollect

Enables the end-user to collect and store information about the installed hardware and software. In the event of failures this speeds up the analysis carried out by Fujitsu technical support and drastically reduces the recovery time involved.

INSPECTION

- ServerView Online Diagnostics

It provides preventive component stress tests for managed servers so that potential failures can be determined at an early stage.

Customer Self Service

For Fujitsu PRIMERGY servers Customer Self Service (CSS) greatly helps to reduce service effort and time involved. Customers can easily identify faulty components, order these components online and replace the components by themselves. Most PRIMERGY servers are equipped with the corresponding LEDs on the server's control panel and on the rear helping so that the CSS components can be determined quickly. In addition, more detailed and convenient local diagnostics are available via the supplementary components ServerView Local Service Panel (LSP) and ServerView Local Service Display (LSD).

- ServerView Local Service Panel

Is used to easily determine a faulty component locally on the front of the server. In addition to the server's LEDs it clearly indicates the category of the defective component and whether self-replacement is possible.



INTEGRATE

Run Fujitsu PRIMERGY servers in heterogeneous environments with full investment protection.

- ServerView Integration Packs

ServerView® Integration Packs and best practice information enable a seamless and easy integration of Fujitsu PRIMERGY servers in widely-used enterprise management systems or vendor specific server management solutions. PRIMERGY servers can thus be monitored and managed from a central management console as a single point of control and administration in heterogeneous IT environments.

Detailed and precise status information on PRIMERGY servers is incorporated in the respective management systems providing the required level of accuracy and comfort.

ServerView integrates in the following management systems:

- Microsoft SCOM
- Microsoft SCCM
- Microsoft SCVMM
- Microsoft SC PRO Packs
- VMware vCenter
- VMware vRealize Operations
- VMware vRealize Orchestrator
- Nagios
- Icinga
- HP Systems Insight Manager

DOCUMENTATION

For more information including technical details please refer to data sheets, user manuals and further documents provided on the websites listed in the table below.

Link Collection

ServerView®

The table below provides an overview about ServerView® Suite products and their related websites. Please click on the links in the right column to get more information on technical details including data sheets, user manuals and further documents.

FUJITSU Software ServerView® Suite		http://www.fujitsu.com/fts/serverview
ServerView Positioning Card		http://docs.ts.fujitsu.com/dl.aspx?id=cee2c6c8-b1be-4455-96d0-d0cd920b1a40
ServerView White Paper (Overview)		http://docs.ts.fujitsu.com/dl.aspx?id=74a7e3ac-7052-454e-b432-a3fd9a7d6d93
ServerView Basic Concepts and Document Overview		http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925
ServerView Software Downloads		http://support.ts.fujitsu.com/Prim_SupportCD/SVSSoftware/start.html
DEPLOY		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/deploy/
ServerView Installation Manager		http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5933
ServerView Scripting Toolkit		http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5933
CONTROL		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/control/
SERVER MONITORING	ServerView Operations Manager	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-15547
	ServerView Agents / CIM Providers	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-16159
	ServerView Agentless Management	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-16798
	ServerView System Monitor	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-15549
	ServerView Event Manager	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-5959
	ServerView RAID Manager	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-5957
CAPACITY MANAGEMENT	ServerView Threshold Manager	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-5959
POWER MANAGEMENT	ServerView Power Monitor (SV OM)	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-15547
	ServerView Power Management (iRMC)	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5988
STORAGE SUPPORT	ServerView Storage Support	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-7889
DYNAMIZE		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/dynamize/
VIRTUAL-IO-MANAGEMENT	ServerView Virtual-IO Manager	http://www.fujitsu.com/fts/viom
MAINTAIN		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/maintain/
REMOTE MANAGEMENT	ServerView Remote Management	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5988
	- PRIMERGY BX900 Server	http://manuals.ts.fujitsu.com/index.php?id=5406-5635-5636-14591-12805-14348
	- PRIMERGY BX400 Server	http://manuals.ts.fujitsu.com/index.php?id=5406-5635-5636-14591-14568-14583
UPDATE MANAGEMENT	ServerView Update Manager/Express	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-15550
	ServerView Update DVD image	http://support.ts.fujitsu.com/content/QuicksearchResult.asp?lng=COM&q=ServerView%20Update%20DVD
PERFORMANCE MEASUREMENT	ServerView Performance Manager	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-15548
INVESTIGATION	ServerView Asset Management	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5945-5952
	ServerView PrimeCollect	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5965-15551
INSPECTION	ServerView Online Diagnostics	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5965-5972
	Customer Self Service	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5965-15552
	ServerView Local Service Panel	http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5965-15552
REMOTE SUPPORT	Fujitsu Product Support Services	http://www.fujitsu.com/fts/products/product-support-services/
ServerView embedded Lifecycle Management (eLCM)		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/maintain/
ServerView eLCM		http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-16799
INTEGRATE		http://www.fujitsu.com/fts/products/computing/servers/primergy/management/integrate/
ServerView Integration Packs		http://manuals.ts.fujitsu.com/index.php?id=5406-5873-5925-5977

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Software ServerView® Suite, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

To learn more about FUJITSU Software ServerView® Suite, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.

www.fujitsu.com/fts/serverview

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at www.fujitsu.com/global/about/environment/



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