

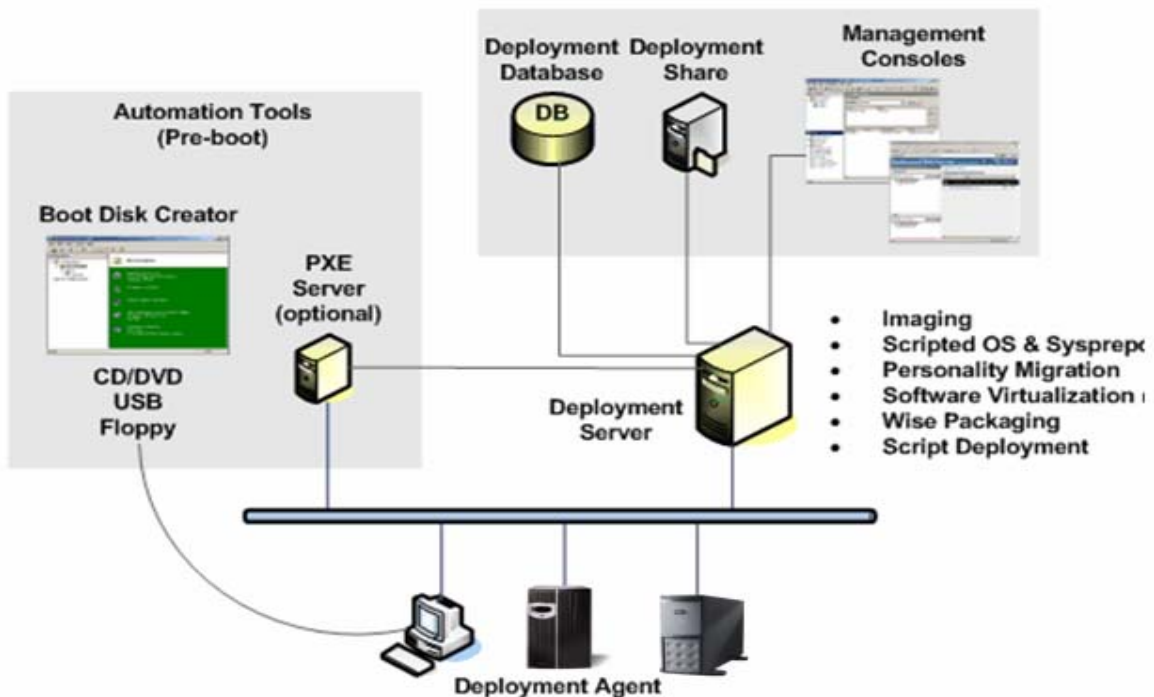
## Integrating PRIMERGY Servers into HP Rapid Deployment Pack

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Fujitsu Siemens Computers delivers the ServerView® Integration Pack for Altiris Deployment Solution (IP Altiris DS) for support of the Altiris Deployment Solution to enable system preparation, installation and deployment of PRIMERGY servers within heterogeneous server farms. The module supports the HP Rapid Deployment Pack (RDP) too.

This White Paper describes the integration of PRIMERGY Servers by means of the ServerView® Integration Pack Altiris Deployment Solution (V3.0 or higher) into an established HP RDP deployment infrastructure (V3.80 or later) allowing for uniform and comfortable management of PRIMERGY Servers within this environment.



# 1. Management Summary

## Why "integration"?

Most vendor specific management solutions similar to PRIMERGY ServerView® Suite offer extensive functions for automated server deployment. For many users of these solutions it is "their" central deployment solution. They are familiar with the handling and functionality, and having invested a lot in establishing appropriate skills and are not willing to invest too much or nothing in additional management tools.

As a consequence these users demand that PRIMERGY servers should be deployed in an efficient way by means of integration into this known management system keeping the level of additional effort and platform-specific training at a minimum.

## Highlights of PRIMERGY integration into HP RDP

PRIMERGY integration into HP RDP provides:

- Management of PRIMERGY servers via the central HP RDP management console (single point of administration)
- Fully RDP - compliant deployment/management of PRIMERGY Servers
- Comfortable management of PRIMERGY servers by means of ServerView® Integration Pack for Altiris Deployment Solution
- Automatic discovery of PRIMERGY servers

With its integration of PRIMERGY into HP RDP, Fujitsu Siemens Computers consistently supports only published interfaces and guidelines provided by HP.

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## Note

Depending on the server or operating system used, some functions described may differ or may not be implemented.

This document may include technical inaccuracies or typographical errors. Changes to the information will be incorporated in new editions of the document.

### 3. Features of the ServerView® Integration Pack for Altiris Deployment Solution (IP Altiris DS)

- Windows PE based tools
- Windows PE 2005 (V1.6) and Windows PE 2.1 support
- Tools and documentation menus within RDP
- FSC-specific directories within RDP's deployment folders
- Tools for easy handling of Fujitsu Siemens Computers ServerView® Suite DVDs
- Single from-the-scratch sample installation jobs for all supported PRIMERGY Servers and OS versions.
- Predefined changeable jobs for unattended x86/x64 Windows OS installation
- System preparation of PRIMERGY servers (BIOS, RAID and Management Controller configuration)
- Installation of Fujitsu Siemens Computers specific Add-On Software after the OS installation
- System configuration wizard for setting up customer configurations for an individual PRIMERGY servers
- Troubleshooting chapter within the IP Altiris DS User Guide

## 4. Delivery and Support

### 4.1. Scope of Delivery

The ServerView® Integration Pack for Altiris Deployment Solution contains:

- A collection of sample jobs and Windows PE based tools
- Fujitsu Siemens Computers specific menu extensions in the RDP management console
- Pre-configured sample installation jobs for PRIMERGY servers
- Documentation

The utilities and jobs provided with the ServerView® Integration Pack enable administrators to configure, deploy and manage PRIMERGY servers using the Rapid Deployment Pack.

The tools comprise functions to import and control PRIMERGY blade servers and user-friendly extraction of all necessary data from ServerView® Suite DVDs or Windows OS installation media.

### 4.2. Supported PRIMERGY Servers, Controllers and Tools

For information about supported Servers, controllers and tools please refer to:

- Internet:

[http://download.fujitsu-siemens.com/prim\\_supportcd/Software/Deployment/Altiris%20Support/AltirisReadMe.html](http://download.fujitsu-siemens.com/prim_supportcd/Software/Deployment/Altiris%20Support/AltirisReadMe.html)

- ServerView® Software CD:

<CD-root>\Software\Deployment\Altiris Support\IPReadMe.html

The servers and controllers listed there are supported by Fujitsu Siemens Computers and have been validated through formal internal testing.

## 5. Installing the ServerView® Integration Pack for Altiris Deployment Solution (IP Altiris DS)

### 5.1. Preconditions

Before getting started you will need the following:

- Deployment Server with an installed and configured HP Rapid Deployment Pack V3.80 or later
- PRIMERGY ServerView® Suite V7.808 or later (includes ServerView® Integration Pack for Altiris Deployment Solution)
- Optional for installing Windows OS: Windows OS Installation media

### 5.2. Installing the ServerView® Integration Pack

You need to install the ServerView® Integration Pack for Altiris Deployment Solution on your deployment server. It is available

- on the ServerView® Suite Software CD:  
<CD-root>\Software\Deployment\Altiris Support\SV Integration Pack.msi
- on the ServerView® Suite Software CD online:  
[http://download.fujitsu-siemens.com/prim\\_supportcd/start.html](http://download.fujitsu-siemens.com/prim_supportcd/start.html)  
follow links to *ServerView – Deployment Tools*
- on the Fujitsu-Siemens Computers support page:  
<http://support.fujitsu-siemens.de/Download/ShowDescription.asp?SoftwareGUID=480D6515-1ED8-4C15-8457-114C875F3BE0>

Launch “SV Integration Pack.msi” and follow the installation instructions which are described in the ServerView® Integration Pack User Guide in chapter 4.2.1.

#### Special actions for BladeServers

If you own PRIMERGY Blade servers you need to enable the communication between PRIMERGY management and RDP. The actions for this are described in chapter 4.2.2 “Blade Server Support” of the User Guide.

After installation of the IP Altiris DS (see chapter 5) on blade servers it may be necessary to import and configure them. This is described in the IP Altiris DS User Guide’s chapter 4.2.2 Blade ServerSupport.

## 6. Addendum

- For detailed information about using HP Rapid Deployment Pack, please refer to the correspondent HP User Guide. You may find appropriate information at: [ftp://ftp.hp.com/pub/services/servers/info/rdp\\_inststartup.pdf](ftp://ftp.hp.com/pub/services/servers/info/rdp_inststartup.pdf) or <http://h18004.www1.hp.com/products/servers/management/rdp.html>
- For detailed information about using IP Altiris DS, refer to the User Guide and the Windows PE Tools descriptions at: <http://www.fujitsu-siemens.com/serverbooks> (PRIMERGY ServerView® Suite, Integration Pack 3.0 for Altiris Deployment Server)
- The ServerView IP Altiris DS User Guide is located in the internet at: <http://manuals.fujitsu-siemens.com/serverbooks/content/manuals/english/altiris-int-en.pdf>

You can obtain the newest version of IP Altiris DS

- either from the ServerView® Software CD at  
<SV SW-CD>\Software\Deployment\Altiris Support\SV Integration Pack.msi
- or from the online version of the ServerView® Software CD at:  
[http://download.fujitsu-siemens.com/prim\\_supportcd/start.html](http://download.fujitsu-siemens.com/prim_supportcd/start.html)  
follow links to *ServerView – Deployment Tools*
- or directly from the Fujitsu-Siemens Computers support page:  
<http://support.fujitsu-siemens.de/Download/ShowDescription.asp?SoftwareGUID=480D6515-1ED8-4C15-8457-114C875F3BE0>