
Installing and Using Site Management

Version 2.00



Site Management

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OmniBus Systems Ltd
Stanford House
Stanford-On-Soar
Loughborough
Leicestershire
LE12 5PY
UK

Tel. UK: 08705 004 300 - Fax: 08705 004 333
Tel. International: +44 8705 004 300 - Fax: +44 8705 004 333

Hardware/Software support:

Tel. UK: 08705 004 350 - Fax: 08705 004 353
Tel. International: +44 8705 004 350 - Fax: +44 8705 004 353
e-mail: support@omnibus.co.uk

All lines are open from 10 AM to 5 PM Monday to Friday.

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About Site Management

Before You Start

Before you use this guide, we recommend that you read the guide “Omnibus User Interface” to understand the basic principles associated with operating the Omnibus interface.

Site Management Overview

Site Management allows you to install or upgrade Omnibus application software to one or more engines on your OmniBus network.

You install Site Management on your Site PC. Once installed, you can leave it permanently running.

When you receive new Omnibus application software, you copy the zip file that contains the software to your Site PC. Site Management automatically detects the zip file and extracts the software it contains.

You can then log on to Site Management from any OUI workstation and install the new Omnibus application software from your Site PC to specific engines on your Omnibus network.

If an installation is unsuccessful, you can produce reports that might help to diagnose the problem. Alternatively, you can use these reports to give information to the Omnibus Support Desk, so that they can help you.

About This Guide

This guide is for System Administrators¹ of an OmniBus network. It describes the following tasks:

- How to install Site Management on your Site PC.
- How to install applications to engines on your Omnibus network.
- How to troubleshoot installations that fail.
- How to view information about an engine (such as the amount of free disk space) that will help you when you install applications on the engine.

¹ System Administrators have a special logon ID and access privileges to an Omnibus network. You can find details about setting up a System Administrator logon in the guide “Installing and Using Manager Service”.

Installing Site Management

Site Management arrives in the form of a zip file², that contains:

- A text file that describes the installation process.
- A text file that gives details of the changes between this version of the application and the previous version.
- A self-installing executable file that contains the Site Management software itself³.

To install (or upgrade) Site Management:

1. Copy the Site Management zip file² to the **Omnibus** folder on your Site PC.
2. Double-click the zip file to open it. There are three files (two text files and one executable file).
3. Double-click the executable file³.
4. Follow the on-screen prompts to complete the set-up. The installation process creates a shortcut to the application in your Start menu and on your desktop, as well as three new folders on your Site PC. These folders are called Omnibus Software, Omnibus Archive and Omnibus Failed.

The purpose of each folder is as follows:

- **Omnibus Software** – contains software that has been installed on your Omnibus network or software that is awaiting installation.
- **Omnibus Archive** – contains backup copies of application software zip files. After you install a new software application on your Omnibus network, Site Management moves the application zip file to this folder.
- **Omnibus Failed** – contains the zip files of applications for which the installation has failed.

² The installation zip file name has the form SiteManagement2xxxx.zip, where the xxxx portion of the name represents the version and build number of the application. For example, we would deliver version 2.20 build number 1 of Site Management in a zip file called SoftMan 22001.zip.

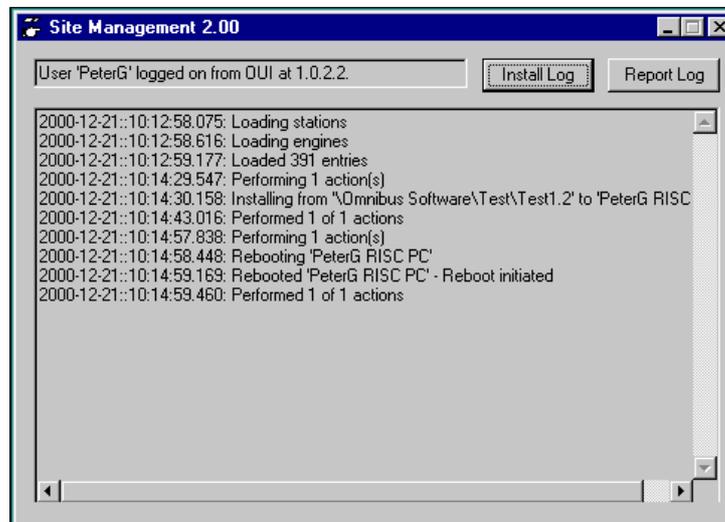
³ The installation executable file name will have the form Site Management2xxxx.exe, where the xxxx portion of the name represents the version and build number of the application. For example, we would deliver version 2.20 build number 1 of Site Management in an executable file called SoftMan 22001.exe.

Starting Site Management From Your Site PC

Once you've installed Site Management, you should start the application and leave it running on your Site PC. We recommend that you put the application in your Startup folder, so that Site Management starts up automatically when you switch on your Site PC.

To start Site Management:

On the Start Menu, point to **Programs**. Click the **Omnibus Software** option then choose **Site Management**. Alternatively, double-click the **Site Management** shortcut on your desktop. The system displays the Front Panel:



From the Front Panel:

- You can view details of the Site Management version you are running on your Site PC. To do this, right-click on the Title Bar and choose the option “About Site Management”.
- You can view diagnostic information about the progress of the current installation. Site Management saves this information in a log file.
- You can view the Install and Report logs. The Installation Log gives details about each operation in each installation carried out with Site Management. To view the log, click the **Install Log** button.

The Report Log contains the system administration reports produced by users for a particular engine. These reports show the following at the time the report was run: the current Winserv version running on the engine, the number of files and folders on the engine root directory (if applicable), the amount of free and used disk space and a list of the software installed on the engine.

To view the report log, click the **Report Log** button.

Installing or Upgrading Omnibus Application Software

Overview

Omnibus application software arrives in the form of a zip file. You should copy this zip file to your Site PC.

Site Management automatically detects the zip file and extracts the application software that it contains.⁴ Where applicable, it also adds the appropriate file extensions to the application software files (for example, Acorn file extensions).

Once this process is complete, you can use Site Management to install the application software from your Site PC to specific engines on your Omnibus network.

Installing Omnibus Application Software

To install application software on your Site PC:

Copy the application software zip file to the Omnibus Software folder on your Site PC.

Warning: Do not copy the zip file to any other folder, the installation will fail if you do.

Site Management detects the zip file and unzips and extracts the application software that it contains.

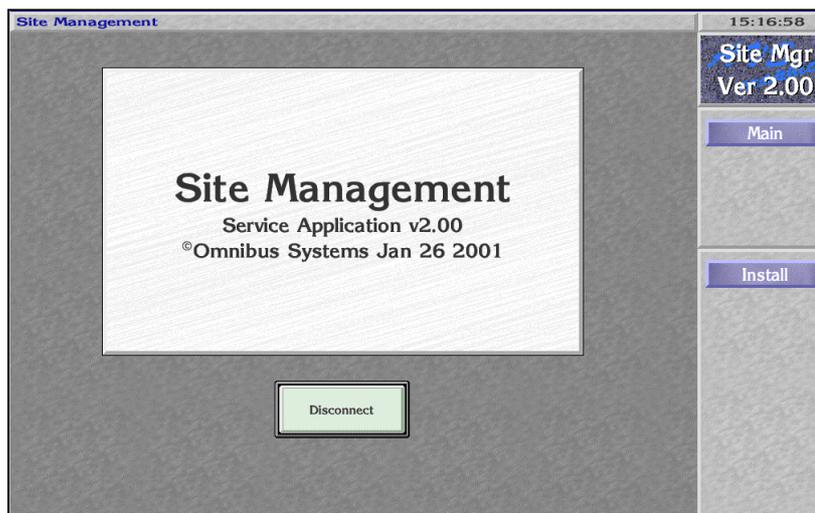
- If the process is successful, System Management moves the zip file that contains the previous version of the application software, to the Omnibus Archive folder.
- If the process fails, Site Management moves the zip file to the Omnibus Failed directory. To find out what has gone wrong, check the Front Panel on your Site PC to see if an error has occurred. When you've done this, contact the Omnibus Support Desk. They will provide advice on what to do next.

⁴ The application uses a modified version of InfoZIP's 'unzip' code. The modifications allow the application to:

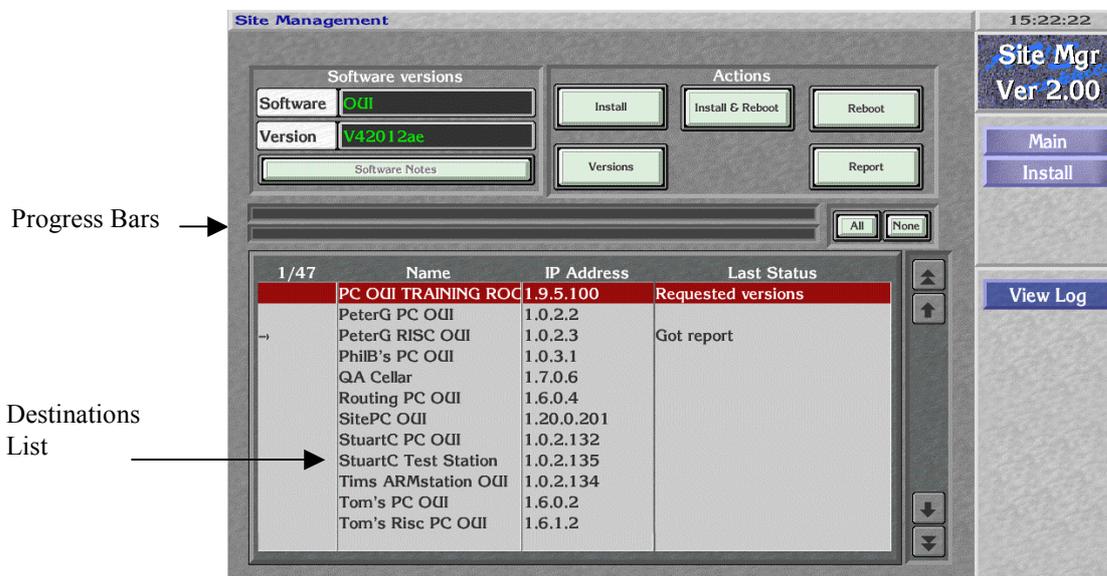
- a) unpack Spark FS 'zips' into a form that the Omnibus bespoke SMB server code can correctly transfer to RISC-OS clients.
- b) incorporate Omnibus NT-specific library routines that allow recursive creation of non-existent target directories. This does not affect the (de-)compression code in any way. Site Management incorporates compression code from the Info-ZIP group. There are no extra charges or costs due for the use of this code. The original compression sources are freely available from <http://www.cdrom.com/pub/infozip/> or <ftp://ftp.cdrom.com/pub/infozip/>.

To install applications on a network engine:

1. From your OUI workstation, log on to Site Management. To do this, click one of the blank buttons on the Task Bar. The system displays a list window.
2. From the list, choose Site Management. The Main Screen appears.



3. Click the **Install** button. The system displays the Install screen.



4. Click the **Software** button. The system displays a list of applications. Choose the application you want to install, then click the **Version** button to choose the application version to install. In the Destinations area, the system displays a list of engines that the software version could be installed on.

5. Click the **Software Notes** button to check if there is any information you should be aware of before you start. This button is only active if you have selected a software version and that software version has notes associated with it.
6. In the Destinations list, find an engine that you want to install the application on (if necessary, use the up and down arrows to scroll the list). Click once on the first column next to the engine name to select it (click again if you want to deselect it). Click on any of the other columns to see if the engine is available. If it is available, the system displays “OK” in the Last Status column. It may also display the last version number of the software installed on the engine. If the engine is not available, the system gives details of the reason why.

Repeat this step for each engine that you want to install the application on. If you want to upgrade all of the engines in the Destinations list, click the **All** button. To de-select the currently selected engines, click the **None** button. **Note:** The counter at the top left of the Destinations list shows how many engines you’ve selected.

7. The next step is to install the application software to the selected engines and then reboot these engines.
 - If you want Site Management to install the applications and then reboot the engines for you, click the **Install & Reboot** button.
 - If you want to install the application and reboot the engine(s) yourself, click the **Install** button. When the installation is complete, click the **Reboot** button.

The system will not re-boot the workstation you are currently using. You must do this manually.

Above the Destinations list, two progress bars show how far through the installation process you are. The top bar shows how far the full installation has progressed. The lower bar shows how far the installation has progressed on the engine that Site Management is currently installing software on.

To view a progress summary, click the **View Log** button.

If there is a problem with an installation, Site Management displays error messages in the “trace” window of the Front Panel, to help you to diagnose the problem. The system also places these error messages in the installation log. Site Management also displays the word “Failed” in the Destinations area, against an engine on which the installation has failed. In the case of such a failure, or if an engine fails to re-boot, you should contact the Omnibus Support Desk for advice on how to proceed.

Troubleshooting and System Administration

Site Management provides a number of features that will help you to diagnose installation problems and to efficiently administer the installation of applications on your Omnibus network.

You can:

- Find out what software versions are running on a network engine.
- View information about a particular network engine. For example, you can view how much free disk space there is on an engine before you install a new application.

For each engine you can view the following:

- The current Winserv version running on the engine (where applicable).
- The number of objects on the engine root directory (where applicable).
- The amount of free and used disk space.
- A list of the software installed on the engine.

Finding Out What Software Versions Are Installed

To find out what software versions are installed on an engine:

1. In the Destinations area, select the engines you want to view information for (click the **All** button to select all of the engines in the list).
2. Click the **Versions** button. The system displays a list of the application software versions currently running on the selected engines.

Viewing System Administration Information

With Site Management you can produce a report for an engine that gives details of the current Winserv version running on that engine, the number of files and folders on the engine root directory, the amount of free and used disk space and a list of the software installed.

To view system administration information for a particular engine:

1. In the Destinations area, select the engines you want to view information about (click the **All** button to select all of the engines in the list).
2. Click the **Report** button.
3. To view the reports, click the **View Log** button.
4. To view a history of all reports generated, click the **Report Log** button on the Front Panel screen on your Site PC.

Reference

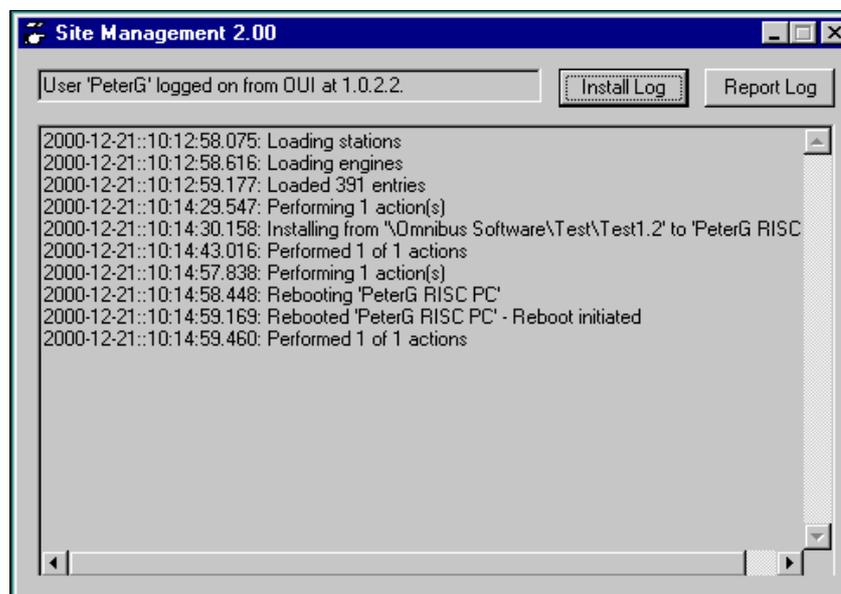
This Reference section:

- Describes each Site Management screen.
- Describes each field and button on each screen.

Front Panel Screen

From the Front Panel:

- You can view details of the Site Management version you are running on your Site PC. To do this, right-click on the Title Bar and choose the option “About Site Management”.
- You can view diagnostic information about the progress of the current application software installation.
- You can view the Install and Report logs. The Installation Log gives details about each operation in each installation carried out with Site Management. The Report log contains the system administration reports that users have produced for engines.

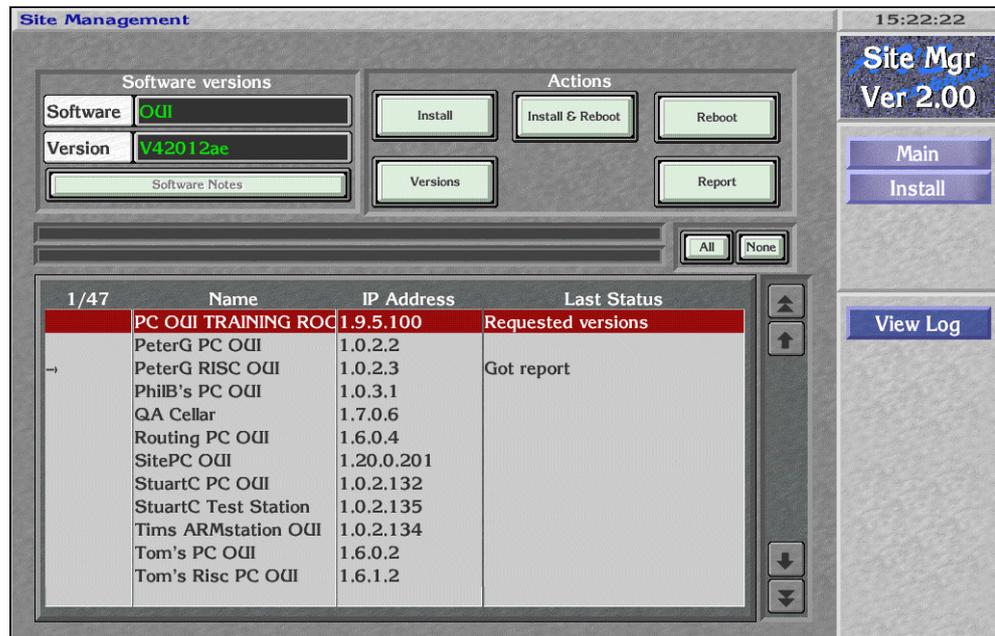


The Front Panel buttons are as follows:

- | | |
|--------------------|--|
| Install Log | View the details of each installation operation carried out with Site Management. |
| Report Log | <p>View the system administration reports that users have previously produced with Site Management. These reports show the following status information at the time the report was run:</p> <ul style="list-style-type: none">- The current Winserv version running on the engine (where applicable).- The number of files and folders on the engine root directory (where applicable).- The amount of free and used disk space.- A list of the software installed on the engine. |

Install Screen

You use this screen to install Omnibus software applications on Omnibus network engines.



The Install screen buttons and fields are as follows:

Software	Choose an application to install.
Version	Choose a software version to install.
Software Notes	View any notes associated with the currently selected application version.
Install	Start a software installation.
Versions	View details of the software versions currently running on the selected engines.
Install & Reboot	Install an application on an Omnibus network engine. The system automatically reboots the engine when the system completes the installation.
Reboot	Reboot an engine to complete an installation.
Report	Generate a system administration report for the selected engine(s) that gives details of the Winserv version running, the number of files and folders on the engine root directory, the amount of free and used disk space and the software installed on the engine.
All	Select all engines in the Destinations list.

None	Deselect all destinations in the Destinations list.
View Log	This Menu Bar option allows you to view information about the progress of the current operations.
Cancel	Cancel the current installation process. The system only displays this button when actions are in progress.
Progress	Displays the operation the application is currently performing. The system only displays this button when actions are in progress.

Appendix - Configuring Target Machines For Installation

Omnibus Supplied RISC-OS Engines and Workstations Running Winserv

Winserv is installed on Omnibus supplied RISC-OS based engines. This allows Site Management to access these machines.

You should register the engines and workstations by using the Manager Service application. We suggest that you use the platform settings shown below:

Workstations	Engines
Operator Workstation (RISC-OS).	Device Control Engine (RISC-OS). Service Application Engine (RISC-OS). Strong ARM Service Application Engine.

Intel-Based Windows Engines

For file downloads, configure a share with the title "hd0". Give write access to the account used to run Site Management. The share should point to the root directory of the primary hard drive, which should be "C:\".

For reboots and automatic running of installshields at log-on time, the account from which the Site Management software runs needs to have administrative rights on the target machine. You can achieve this in one of two ways:

- With a Windows NT Domain present, create a Domain User account and use that account to run Site Management. Ensure that you make the account part of each target machine's Administrator group.
- With no Windows NT Domain present, create identical accounts with identical passwords on every target machine.

For the automatic installation of software to be successful, the account that is used to log in and trigger the automatic installation must have the correct access rights to allow the installshield to add files and modify the registry on the target machine.

You should register the engines and workstations in the Manager Service application. We suggest that you use the platform settings given below:

Workstations	Engines
Operator Workstation (MS Windows)	Engine (MS Windows) Server (MS Windows) Video Disk Server (MS Windows)

Intel-Based Linux and VxWorks Engines

OEM manufacturers may support VxWorks and Linux installations that allow Site Management to perform reboots or automatic installation of software packages. You can use Site Management in conjunction with any SMB-based file server software (such as Samba), to distribute installation files and provide reports.

You should configure a share with the title “hd0” that gives write access to the account used to run the Site Management software. This share should point to the root directory of the primary hard drive, which should be mounted as “hd0” on Linux machines and “C:” on VxWorks machines.

Site Management installs software to a folder called “install” in this share. A script listing the files in this folder is supplied in the file “install\install.txt”. A file called “install\~reboot~” in this folder triggers reboots.

OEMs should register engines and workstations with these settings:

	Workstations	Engines
VxWorks ‘Platform’ entry	N/A	Engine (VxWorks)
Linux ‘Platform’ entry		Engine (Linux)