



**EMPIRUM CUSTOMERS
ENJOY THE FOLLOWING BENEFITS:**

UNATTENDED ROUTINE

*Boot via PXE, CD/DVD, Empirum partition.
Administrators do not have to install
software on-site.*

AUTOMATIC HARDWARE DETECTION

*Network, graphics, sound and other drivers
are loaded automatically.*

**FULLY AUTOMATED
OPERATING SYSTEM INSTALLATION**

*Update hundreds of clients with the push
of a button.*

END OF LIFE MANAGEMENT

*Local hard disks can be deleted completely;
option to delete them from the ADS or NDS.*

**EMPIRUM OS INSTALLER
AUTOMATIC DISTRIBUTION OF OPERATING SYSTEMS**

Challenges for administrators in case of enterprise-wide operating system migrations are often endless. The Empirum OS Installer is a unique tool to automate enterprise-wide operating system distribution. Empirum allows users to distribute and migrate Windows as well as Linux operating systems to clients and servers.

The Empirum OS Installer helps to reduce expenses of a migration project by an average of 58%*. It is particularly helpful and indispensable for planning and implementing Microsoft Vista installations projects. The Empirum technology reduces interruptions for users while increasing the efficiency of IT and standardizing the system landscape. Empirum installs operating systems dynamically and does not use inflexible images – not even under Linux.

The OS Installer includes a comprehensive driver collection and offers the possibility to update these drivers online. The drivers are completely integrated and tested and can be used immediately. During an installation, Empirum recognizes automatically, which drivers are required for the operating system and the hardware, and so it is not necessary to copy all drivers to the local hard disk. If a certain driver is not available, it can be integrated very easily with a wizard. Even without knowledge of the target hardware, users can install PCs very easily.

* Source: Business Case

OVERVIEW OF TECHNICAL FUNCTIONS

Controlled distribution and installation of operating systems to protect the production environment and ensure the quality of service.

Efficient administration within large-scale environments with many locations through configuration roles.

Reproducible installations to optimize restore times.

Targeted and scheduled Wake-On-Lan and PXE procedures without on-site assignments.

Support of fully automated installation for all professional Windows operating systems as well as 32-bit and 64-bit versions of SuSE Linux Enterprise and RedHat Enterprise Linux for a machine-oriented setup of workstations and servers.

Automatic set-up of the appropriate operating system configuration, based on the individual device information and general specifications by assigning any number of computer objects (PC, server, cashdesk, etc.) to a role.

Correct hardware drivers are installed automatically; when activating an installation, the Empirum administrator does not need to know whether it is a PC, a server or a notebook – the required hardware drivers have already been integrated in a template.

Empirum Spy Disks allow for the automated scan of hardware information to ensure easy driver integration.

Installation specifications for various operating systems can be easily created, based on original dialogs.

Support for various languages and MUI (multilingual user interface).

An integrated driver database enables users to perform online updates of the local database with the matrix42 FTP server or another source (driver CD is provided) and the integration of in-house hardware drivers.



Empirum OS Installer automatically recognizes the underlying hardware and installs the appropriate operating system.

END OF LIFE MANAGEMENT

THIRD-PARTY ACCESS TO SENSITIVE DATA

This is a major risk to be addressed by IT managers. Besides unauthorized access to internal networks, the restoration of data based on retired media is one of the main sources of information for hackers, since it is rather easy to restore information from deleted disks, even if they have been overwritten several times!

UNRECOVERABLE REMOVAL OF DATA

End of Life Management is a state-of-the-art means to remove all data from a hard disk without the risk of recovery, as has been confirmed by a leading global data recovery company.

INTERNATIONALLY ACCEPTED STANDARDS

Empirum provides several algorithms to delete data from media, based on internationally accepted standards, such as the regulations and instructions of the German "Bundesanstalt für Sicherheit in der Informationstechnik" (BSI), the US Department of Defense (DoD), or the security expert Peter Gutmann from the Computer Science Center of the University of Auckland.