



**EMPIRUM CUSTOMERS  
ENJOY THE FOLLOWING BENEFITS:**

**INTEGRATED PATCH MANAGEMENT**

*Automated patch downloads for PCs and servers, Microsoft Office and other applications and selective tests, prior to the general approval.*

**EMPIRUM AGENT**

*Irrespective of the actual bandwidth available, Empirum ensures that all applications are transmitted and installed.*

**WEB-BASED SOFTWARE DISTRIBUTION**

*To also connect smaller and remote locations.*

**INSTALLATION OF APPLICATIONS**

*Empirum installs applications fast and without the need to log out the respective user prior to the installation process. Alternatively, the user is informed about the duration of the installation and the installation progress prior or during the installation.*

**PACKAGING/INSTALLATION TECHNOLOGY**

*Packages are created with wizards; modifications are accomplished via a graphical editor. A specific tool is provided for full MSI support.*

**AUDIT OF MANAGEMENT ACTIVITIES**

*Differentiated tracking of management activities, such as software rollouts with Empirum.*

**EMPIRUM SOFTWARE MANAGEMENT  
ADMINISTRATION OF COMPLEX STRUCTURES**

Enterprise-wide software distribution and standardization are indispensable means to minimize costs related to client and server administration. Empirum Software Management does more than just ensure that common software distribution tasks are performed in the best possible way. Empirum Software Management includes all functions related to the packaging, distribution and installation of applications, patches, service packs, printer drivers and all other system customizations.

The easy handling of distributed locations and the differentiated assignment of administration rights are basic requirements for the efficient administration of complex structures. Empirum's consistent role philosophy allows users to administer even largest environments with low manual efforts and enforce standards accordingly. Roles define the target status of the devices and users regarding software and configuration settings. This information can be inherited to allow for the easy mapping of even complex structures. Empirum automatically implements the specified target definitions, which can be reproduced anytime. New PCs or users must only be assigned their respective roles, and Empirum manages the rest.

The Empirum role model enforces the "desired state", a target status that cannot be changed by users, which also ensures compliance with IT policies.

## OVERVIEW OF TECHNICAL FUNCTIONS

**Roaming applications or roaming user concepts** may also be implemented via the role model, which ensures the computer- and/or user-specific distribution of software.

**Distribution criteria and dependencies** can be defined freely for each distribution package. For instance, the following restrictions can be specified easily for Office 2007: Office 2007 will only be installed on PCs that run on the Windows XP or Windows Vista operating system, have a minimum RAM of 512 MB and have installed IE 7.0, but not Staroffice.

**The dependency check** allows for the proactive and timely detection of unfulfilled dependencies; the administrator is informed accordingly and can check the causes prior to a rollout.

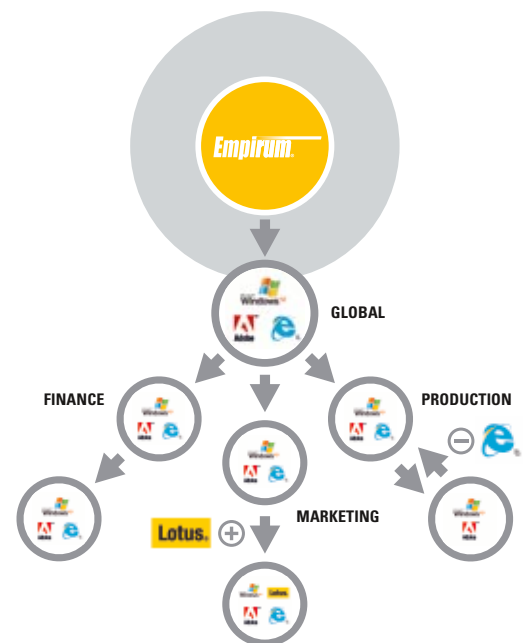
**Pull and push distribution** options are supported; they can be scheduled and combined with WOL (Wake-On-Lan) to allow the administrator to specify the ideal time and date for a distribution process.

**The automated LDAP and Active Directory (AD) interface** also allows users to maintain and update Empirum roles in an AD or eDirectory, even on Linux clients. The redundant maintenance of network objects such as users, computers and properties is avoided.

**The Empirum Automation Interface** allows for the external control of the software distribution processes via command line call or automation interface. For instance, a helpdesk application may use Empirum to reinstall a defective application on a user's PC after a support call.

**Full ITIL integration** into the configuration and release management process, from DSL (Definitive Software Library) administration and release unit creation to the filing of and compliance with a release policy.

**Software distribution to handhelds** cannot only be done via the docking station, but may also be performed wireless via WLAN or UMTS, making it significantly easier to administrate mobile devices.



*Distribution of a global software definition via the role model*

### EMPIRUM PATCH MANAGEMENT

*Completely integrated solution for automatic patch validation, distribution and installation, leveraging the latest generation of the Microsoft WSUS version 3. Patch Management can be automated completely – the testing and approval process is defined once and then handled automatically by Empirum Patch Management.*