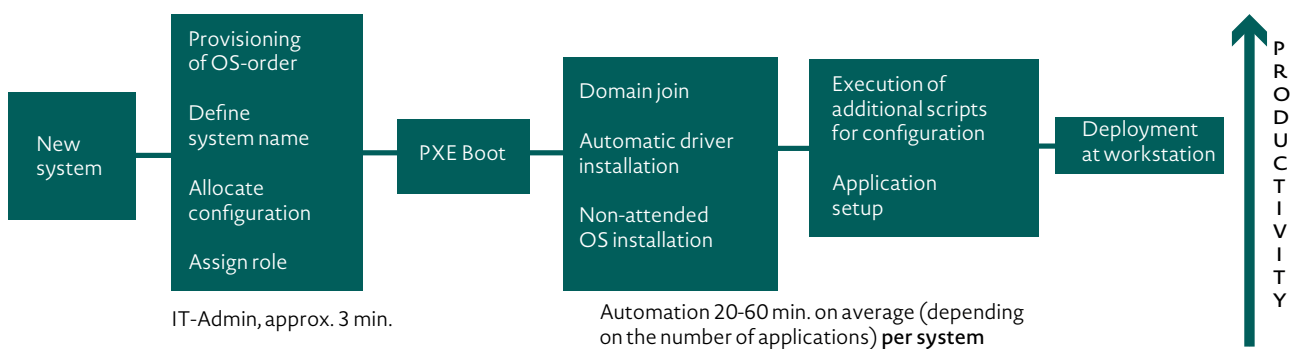




OS Deployment

OS deployment is understood to mean the automatic installation of an operating system, either on systems or in virtual environments. With our Deskcenter Management Suite solution, the installation can be carried out unsupervised. Central administration enables all settings required for this.

The aim of OS deployment is to automatically perform the initial installation and configuration of a large number of systems with minimum effort. That means complete automation of this process, i.e. either to a great extent or completely without user interaction.



Increasing productivity by saving time

Functionality with many benefits:

- » Recording assets
- » Time saving/efficiency through the automatic installation of the operating system
- » Higher quality and an almost-zero error rate thanks to autonomous installation and fewer manual interventions
- » Automatic integration of systems into the active directory
- » Automated configuration with required settings during the installation process
- » Cost saving through standardization of the environments
- » Increased security through downstream patching of the operating system
- » All functions are GUI based, without XML source code edits (unattend.xml)
- » Dynamic driver management through automatic hardware detection



- ✓ Faster restoration of systems following incidents
- ✓ Complete automation of the operating system installation
- ✓ Lower costs owing to fewer manual adjustments
- ✓ A better strategy thanks to plannability and standardization
- ✓ A fast and standardized method for operating system change, feature updates or hardware exchange

Use cases

New computers for a department

A department is to be fully equipped with new PCs. Since the requirements for hardware and software are the same, a standardized model was provided for all.

Less effort is required with Deskcenter OS deployment because installation is automated. The existing configurations are applied to the individual systems:

- » Operating system installation (PXE Boot)
- » suitable driver installation
- » Domain join
- » Basic configuration such as necessary features, partitioning of the hard disks and name scheme
- » Software deployment using concrete user roles and user requirements

The administrative load is significantly reduced because a maximum degree of automation is achieved. It is also ensured that all computers were installed and configured in exactly the same way. This achieves maximum standardization, which leads to a cost reduction should support be required.

Clients in home offices

An employee working from home complains about outdated hardware. They are granted a new computer, resulting in the administrator receiving the task to replace it. After the new computer has been acquired, it is sent directly to the employee's home. However, there is no operating system installation.

Therefore, the employee receives a USB boot stick from the company, including a quick-start guide. It is easy to connect the USB stick and start up the new computer. This then connects to the Deskcenter system. From there, the operating system is downloaded encrypted from the DMZ (demilitarized zone) and the operating system is then installed completely automatically:

- » Operating system and driver installation
- » Domain join
- » basic configuration (Partitioning, Features) and software deployment

The notion of a standardized OS platform and its configuration can even be resolutely pursued and implemented in home offices and remote workplaces. Then, the application software can be provisioned immediately and the new computer recorded in asset management.

