

ECOS SecureOS

From legacy PCs to modern thin clients

Convert hardware instead of buying new

- Increased security
- Extended PC lifecycle
- Ecofriendly

IT Security Solutions

Made in Germany

ECOS SecureOS

Migrate from outdated fat clients to modern thin clients

Want to extend the lifespan of your PCs and save on your IT budget? Turn your legacy PCs into high-performant thin clients with ECOS SecureOS.

The requirements of new software and operating system versions on hardware are constantly increasing. PCs often need to be replaced after three to five years.

A better option is the conversion into a terminal server or virtual desktop infrastructure (VDI). Thanks to ECOS SecureOS, PCs can be repurposed into performant thin clients.

Smart functionality

With ECOS SecureOS, the existing operating system is replaced by a lean, particularly secure and performant ECOS Secure Linux operating system. All applications required for the access to a terminal server or virtual desktop infrastructure are already included.

Efficient rollout processes

The conversion of a workstation PC into a high-performance thin client is almost fully automated.

Maximum compatibility

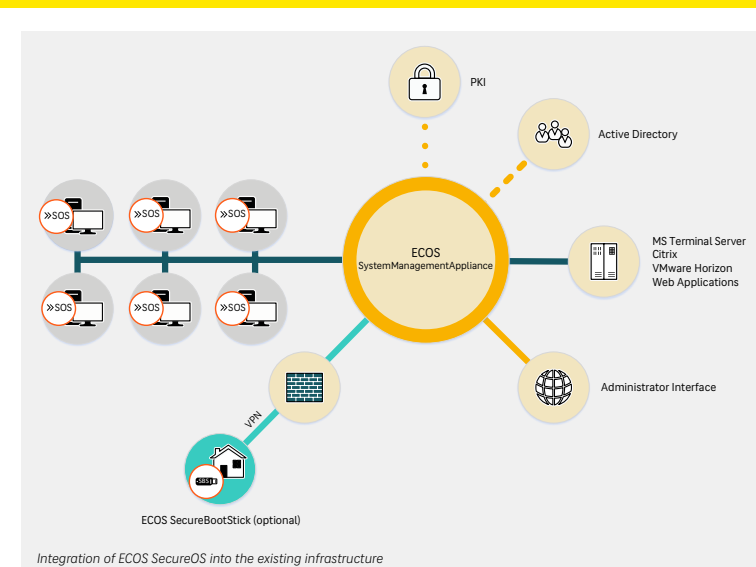
ECOS SecureOS includes drivers for all commonly used PCs, from Pentium III to the latest generation of devices. The ECOS solution is also compatible with devices that have UEFI Secure Boot enabled.

Safe from attacks and espionage

The ECOS SecureOS is based on the same technology as the ECOS SecureBootStick®, which has been tried and tested for years. It offers numerous security mechanisms to protect a PC against potential attacks and spying attempts.

As protection against manipulation and malware, firmware and applications are stored on a write-protected and encrypted partition. Besides, all components are digitally signed and validate each other in a chain of trust.

Extend the PC lifecycle and continue using old hardware



ECOS SecureOS

The lean SecureOS allows for a quick boot, enabling immediate use of the computer.

The smart thin client solution that won't break your IT budget

ECOS SecureOS

Simplify your administration, boost efficiency, and reduce the workload on your IT department.

ECOS SecureOS



Use PCs up to three times longer and save your budget

With ECOS SecureOS, companies achieve a significant reduction in their IT budget. Contributing factors are the up to 3-fold extension of the PC lifecycle, the savings on further endpoint security measures as well as the reduction of support efforts thanks to a lean operating system.

From the user perspective, the solution significantly increases productivity at work thanks to the fast booting and the background updates.

Green IT thought through to the end

The extended service life of a PC makes a much more effective contribution to the ecological use of global resources.

ECOS SystemManagementAppliance

Central management and administration of all end devices

The ECOS SystemManagementAppliance allows to administrate and update all end devices

Thus, it is possible to define, at the user, group, or role level, who is authorized to access which specific destination system, entitled to store data locally or print documents. Updates of the operating system and applications are rolled out via the System Management Appliance's local update server.

The System Management Appliance can be easily integrated into an existing infrastructure by coupling it with Active Directory for user and rights synchronization.

Additionally, the system includes a smart report editor which offers the possibility to create custom or use predefined evaluations.



safe and smart

ECOS SecureOS – Options

Mobile use and home office as an option

The installation of the ECOS SystemManagementAppliance and ECOS SecureOS can be expanded at any time to include the ECOS Secure-BootStick®.

Private PCs can thus be used at home or on the road in a potentially insecure environment and still meet the highest security requirements.

Features

- ◆ Installation via automated PXE boot process
- ◆ Hardened ECOS Secure Linux operating system
- ◆ Drivers for PCs w/ Intel Pentium III, AMD Athlon processors or higher
- ◆ UEFI Secure Boot support
- ◆ Multi-monitor support
- ◆ **Applications:**
RDP client, Citrix Receiver, VMware Horizon, VNC, TeamViewer, Firefox, with/without Java support
- ◆ **Supported destination systems:**
Microsoft Terminal Server (2000, 2008, 2008 R2, 2012, 2016, RDS, Remote Desktop Sharing), Citrix (XenApp, Xen Desktop), VMware Horizon (RDP, PCoIP, Blast) or web server
- ◆ Certificate-based IEEE802.1X authentication
- ◆ User profiles for access to different applications/servers
- ◆ Use of local resources after admin approval
- ◆ Write-protected partition for firmware and applications
- ◆ Digitally signed bootloader/s, firmware and applications
- ◆ Remote firmware update
- ◆ Software in German and English (pre-configurable)
- ◆ Central management
- ◆ Integrated DHCP and TFTP server for PXE installation

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