

ECOS SecureBootStick CL

Smart remote access to data and applications

safe and smart



Benefits

- Simple
- Flexible
- Secure

- No installation or configuration required
- All software is on the stick
- Protected & Encapsulated environment
- Strong 2-factor authentication
- Integrated firewall
- 100% separation of professional and private use
- Simple integration into IT infrastructure
- Fast rollout
- Central management
- Low investment costs

ECOS SecureBootStick CL

Simple and secure access to company networks

The ECOS SecureBootStick CL enables highly secure VPN access to Citrix Virtual Apps + Desktops, Microsoft Terminal Server (RDSH), VMware Horizon or web applications from a secure remote access environment.

Not only does it offer the security of a protected and encapsulated environment, it also serves as strong 2-factor authentication.

IT Security Solutions

Made in Germany

Performance characteristics

Applications

- ◆ RDP client, Citrix Workspace App (Citrix Receiver), VMware Horizon via RDP; PCoIP; BLAST, Firefox, Chromium, VNC viewer, VPN client for IPSec
- ◆ Citrix HDX RealTime Media Engine to optimize audio and video transmission for Skype for Business and Microsoft Teams
- ◆ Microsoft RemoteFX for optimizing audio quality for RDP

Supported destination systems

- ◆ Microsoft RDSH, WTS 2000 and later, RDS, RD sharing, Citrix Virtual Apps and Desktops, VMware Horizon or Web Server
- ◆ Client for genuine remote maintenance

VPN

- ◆ Connection to common gateway via IPsec, OpenVPN or https
- ◆ Other VPN clients: Cisco AnyConnect, Juniper, F5 (additional licenses may be required)

Administration

- ◆ Access profiles for different applications/server on user, group or role level
- ◆ Use of local resources after release (external USB storage devices, local printers)
- ◆ Authorization assignment for external devices tied to the manufacturer ID or the device's serial number
- ◆ Remote update of all applications and firmware

Compatibility

- ◆ Drivers for all common 64-bit PCs, Macs and tablets with x86 architecture
- ◆ UEFI Secure Boot support
- ◆ Keyboard drivers for more than 90 languages and countries
- ◆ Multi-monitor support
- ◆ Connection by LAN, WLAN, UMTS, LTE incl. browser for login to hotspot
- ◆ Dictaphones from Grundig and Philips (incl. foot pedals)
- ◆ Signing pads from signotec
- ◆ Software in German and English (pre-configurable)

Additional Features

- ◆ Forwarding of external USB and LAN devices, for example to connect an IP phone
- ◆ Automatic reconnect in case of disconnection or connection change

Multi-factor authentication

- ◆ Software certificate, linked to the hardware ID of the stick
- ◆ Password entry on screen

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Performance characteristics

Security

- ◆ Signed partitions for boot loader and kernel
- ◆ Encryption of all security-relevant partitions via software
- ◆ Signed read-only partition for firmware and applications
- ◆ Writeable partition for storage of user parameters
- ◆ Hardened ECOS Secure Linux operating system
- ◆ Digitally signed bootloader, firmware and applications with chain of trust verification
- ◆ Integrated firewall as protection against attacks within the same network and blocking of ping request
- ◆ Encryption of RAM content except for the executable program code
- ◆ VM start detection prevents use in virtual environment
- ◆ Fingerprinting of guest computer incl. peripherals
- ◆ Instant logout on stick disconnection
- ◆ Secured updating process for firmware and applications with verification of integrity and correct update server

Connection, dimensions and scope of delivery

- ◆ USB-A - 12 x 22 x 4 mm, 3g
- ◆ ECOS SecureBootStick CL and carrying strap