Remote Maintenance for Classification Level German VS-NfD Using ECOS SecureBootStick SX

genua.

Flexible, User-Friendly Solution with Rendezvous Solution and genuscreen

The demand for secure remote maintenance solutions is increasing in companies with an obligation to maintain secrecy and in public administration. But growing cyber risks require precautions to safeguard data protection and security.

The remote maintenance solution from genua fulfills this requirement: In combination with the approved genuscreen VPN gateway and the ECOS SecureBootStick SX serving as a thin client, secure remote maintenance in restricted networks with non-approved end devices is possible.

For Public Authorities and Companies

Working more efficiently and flexibly – remote maintenance can make a significant contribution to this goal. Particularly when accessing target systems in classified networks, however, it is important to take cyber risks into consideration.

The rendezvous solution fulfills all BSI recommendations for secure remote maintenance and is also suitable for Zero Trust concepts. In combination with genuscreen and the ECOS SecureBootStick SX, it offers an extremely high level of protection. The solution ensures:

- Data communication encryption for classification level German VS-NfD
- Remote access at application level without network coupling
- Revision-optimized, complete access control
- Central administration of all components
- Simple integration and connection of the service provider with the ECOS SecureBootStick SX

Remote Maintenance
Customized adaptation to individual remote maintenance situations

The Rendezvous Solution for Restricted Networks

ECOS SecureBootStick SX
Boot stick with approval for classification level German VS-NfD for highly secure connection to the VPN remote peer.

Firewall & VPN Appliance genuscreen
VPN remote peer with approval for classification level German VS-NfD, via which the remote maintenance service provider accesses the rendezvous server in the restricted network.

Remote Maintenance Solution genubox
As a rendezvous server, genubox ensures full control of maintenance access. As a service box, it shields the target system from the rest of the network during access and allows live monitoring as well as revision-optimized documentation of all activities by the remote maintenance service provider.

ecos

## High Level of Security at an Attractive Price

Built into the ECOS SecureBootStick SX is the complete software for comprehensive, security-critical intelligence and user friendliness.

- Hardened ECOS Secure Linux operating system
- 100 % separation of maintenance-specific and other use of an end device
- Multi-factor authentication by means of smart card
- Integrated firewall
- Remote updates
- Data safe for storing documents
- BSI approval for classification level German VS-NfD and EU/NATO RESTRICTED

Central Management for Simple Integration

Even the most secure IT solution is not effective until it can be used easily and flexibly by organizations and users.

- With the ECOS SystemManagementAppliance and the Central Management Station genucenter from genua, all components of the solution can be administered centrally.
- Thanks to ECOS Easy Enrollment, a large number of access points can be rolled out within a very short time.
- Personal activation codes or smart cards are generated centrally.
- Drivers for all commercially available PCs as well as for x86-based Macs and tablets ensure maximum compatibility.
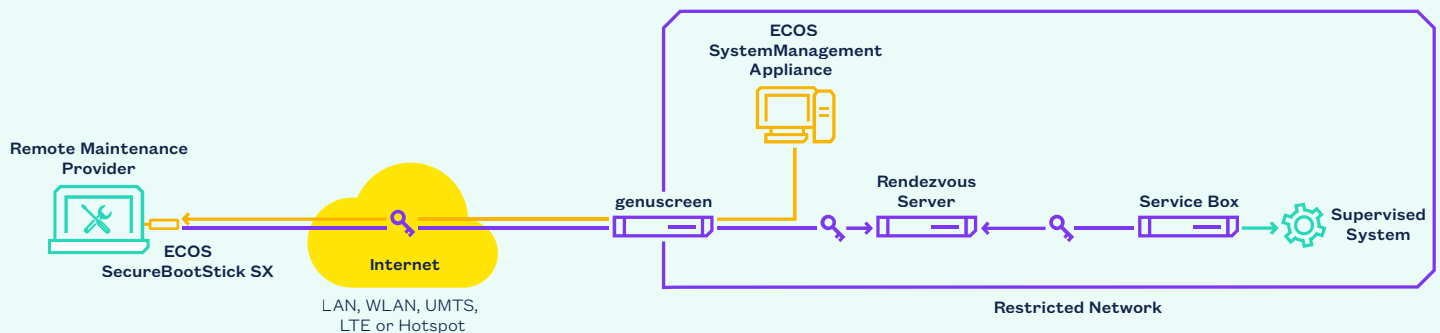
Highly secure rendezvous remote maintenance with ECOS SecureBootStick SX and genuscreen VPN gateway

About genua

As a German specialist for IT security, genua GmbH protects sensitive interfaces, networks and data of public authorities, companies and critical infrastructures. Certifications and approvals from the German Federal Office for Information Security (BSI) attest to the product quality. genua is a company of the Bundesdruckerei Group.

About ECOS

ECOS is a German, owner-managed company that specializes in the development of BSI-approved remote-access solutions for the mobile, highly secure access of data and applications as well as PKI and key management solutions for the protection of communication in the areas of IT, IoT and Industry 4.0.

Interested? We will be happy to personally provide you with information. Contact us:
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