genua.

genubox

IT security platform for plant manufacturers and remote maintenance providers

Remote Maintenance
Customized adaptation to individual remote maintenance situations

SecurITy
made
in
Germany

SecurITy
made
in
EU

genubox: Edge in Security for End Customers

You are already offering your customers remote maintenance services and thus help tremendously with monitoring and the seamless operation of various target systems, such as machinery, IT systems, server rooms or other maintenance objects. You have even developed and operate a proprietary service solution in order to optimally address your customers' individual requirements.

And of course you want to offer your customers state-of-the-art technology for the comprehensive protection of their IT and OT infrastructure. It is your job to continuously identify and eliminate emerging risks, such as malware deployed during remote access, as well as to protect data and communication in terms of availability, confidentiality, and integrity. Considering the pace of digitization, this is critical in order to achieve high customer satisfaction and to further expand your business relationships.

genubox is the perfect platform solution for these types of requirements. As a virtualized solution, industrial appliance or rack system, it reinforces a wide range of service applications with genua's security features.
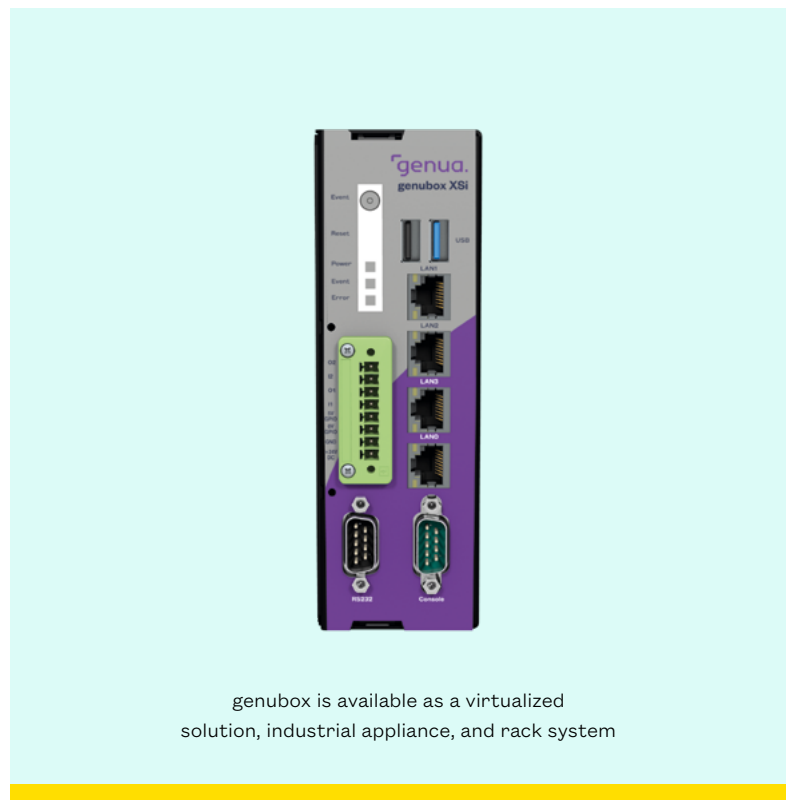
This increases operator and end-customer approval and generates additional revenues through the simple implementation or deployment of your service models.

genubox is available as a virtualized solution, industrial appliance, and rack system

All Advantages at a Glance

Comprehensive governance with complete control over all remote access processes

Flexible clustering of the target systems for different security levels

Application-specific, minimally invasive remote maintenance access without network coupling by using hardened SSH

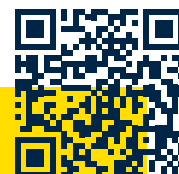Full control: operator approval, live view, video recording

Complies with BSI recommendation for secure remote maintenance in industry

VS-NfD-ready for use in classified networks

You can obtain more information and advice here:
www.genua.eu/genubox

Use in Many Different Environments

genubox is a sophisticated and highly advanced security system with a wide set of features, which can easily be adapted to the many different requirements of your customers, and which offers reliable IT security from the minute it is installed.

The security features include an interface to identity and access management systems, which enables flexible connection to central user and rights management. Keycloak, Microsoft Active Directory, Microsoft Entra ID (formerly Azure Active Directory), OKTA, and RADIUS are supported.

In addition, all service tasks can be recorded in an audit-optimized manner and security levels from "standard" to "high secure" and even up to the classification level German VS-NfD can be flexibly configured.

Overview of all Access Points

genubox establishes an encrypted connection for data transfer and uses its firewall function to restrict external access exclusively to the maintained system.

One of the benefits that this offers is comprehensive monitoring, enabling you to offer your customers transparent and clear documentation of all remote maintenance activities.

If critical events do take place in the customer's network and you are being suspected, you can easily demonstrate your access and avoid unwarranted recourse claims.
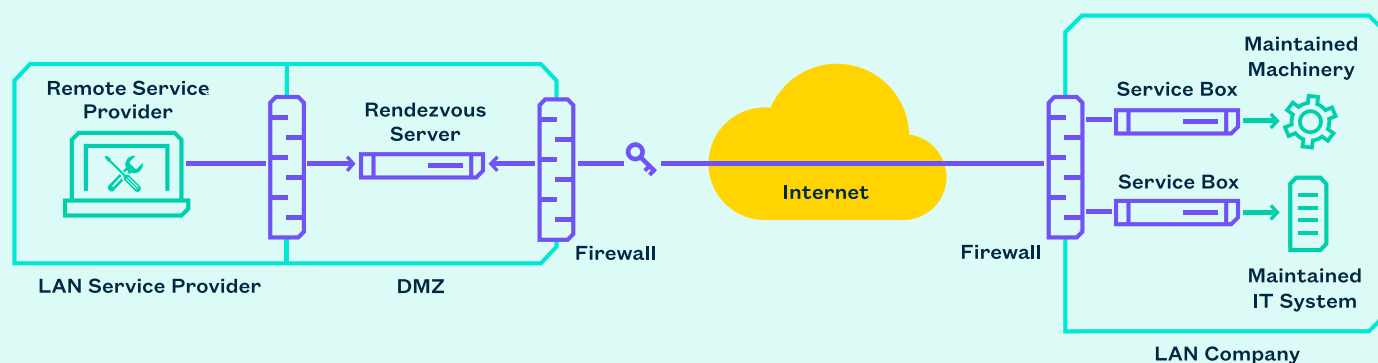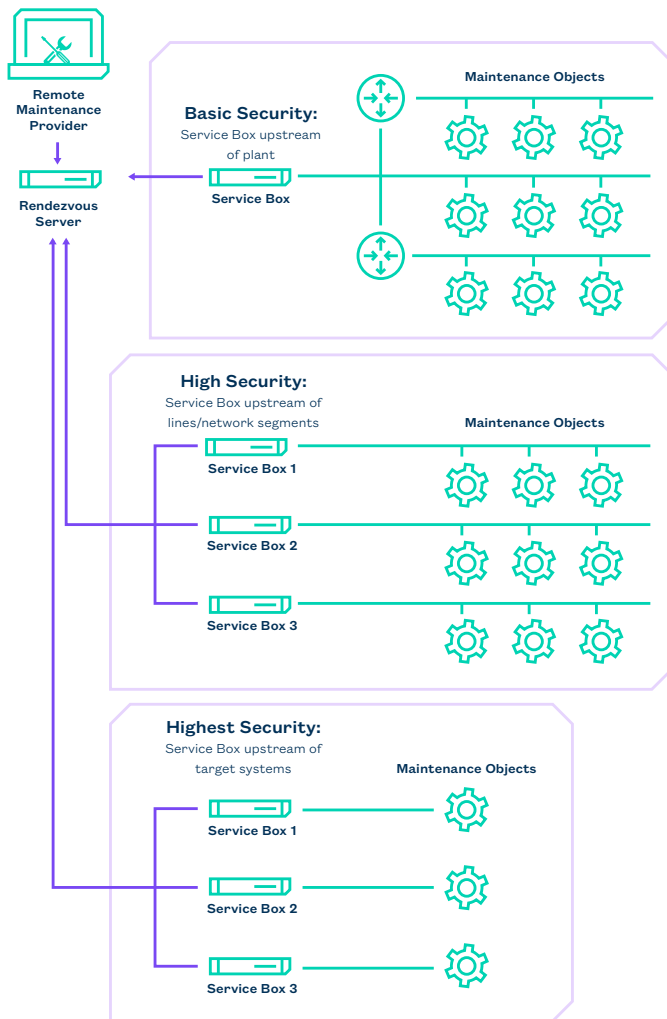
genubox as Rendezvous Server and Service Box in one solution

>> The easy-to-operate and highly secure remote main-
tenance solution enables worldwide service that
plays a pivotal role in our customers' satisfaction.

Josef Schneider, Service Director,
KASTO Maschinenbau GmbH & Co. KG

Flexible Integration Concept

Isolation level examples for target system integration

User-Friendly Operation

When you as the integrator need initial access to the operator's or customer's system, this configuration is possible in no time with genubox.

You can provide your responsible employee with a configuration file for the maintenance connection using a central management solution. As soon as the customer establishes the maintenance connection to the rendezvous server, your employee can easily access the supported target system via a standard web browser or a Windows app and carry out the maintenance work securely.

Simple Integration in Customer's Network

genubox is installed right where your customer's target systems are. And with the solution being a sophisticated, corporate-ready rights and role system for hundreds of remote maintenance providers worldwide, flexible adaptation to your respective security requirements is a matter of course.

Various product variants – on premises, in the cloud, with rack hardware or as a rugged industrial appliance – enable easy integration. Fast commissioning in maintenance cycles, security updates, central administration, and mass configuration ensure efficiency.

Reasons Why

- Experts for the IT security of companies and public organizations

- Offer of a comprehensive, modular IT security portfolio

- Quality without compromise for all products, services, and processes

genua – Excellence in Digital Security

genua develops innovative, reliable as well as market-shaping products and solutions. Whether in the public sector, for the operators of critical infrastructures, in industry or in the protection of classified information: we provide answers to the IT security challenges of today and of tomorrow.

Further information:
www.genua.eu/genubox