Secure and scalable remote access for production machines and systems with the SIRA Gateway

Secure remote maintenance access for machines and systems

As cyber threats increase and new regulatory requirements such as NIS2 emerge, companies are facing mounting pressure to enable efficient remote access without compromising the security of sensitive machinery and systems.
If they are inadequately or incorrectly configured, traditional VPN solutions can significantly increase the attack exposure.
The zero-trust solution comprising TeamViewer Tensor and Bechtle Gateway hardware is the perfect answer for today's OT infrastructures, offering secure remote access thanks to its 'least privilege by design' approach.

Technology that builds trust
The collaboration between Bechtle and TeamViewer offers security, availability, and ease of maintenance. It enables secure, scalable remote access to industrial systems quickly and easily by combining robust Edge Gateway hardware, a secure and hardened Linux OS, and pre-configured TeamViewer Agentless Access.

Your benefits with the SIRA Gateway with pre-configured TeamViewer Agentless Access

- Maximum security thanks to the leading-edge zero-trust solution
- Easily scalable to meet growing demands
- Quick availability for use without complex implementation
- Seamless remote access – any time and worldwide



SIRA Gateway

With pre-configured TeamViewer Agentless Access

TeamViewer Tensor

TeamViewer Tensor is an all-in-one platform for secure, flexible and integrable IT and OT remote access.

Zero-trust security
Built on a comprehensive zero-trust architecture, the platform protects every connection through end-to-end encryption, single sign-on (SSO), two-factor authentication (2FA), Conditional Access, role-based access control (RBAC), bring-your-own-certificate (BYOC), audit logging, cloud session recording and servers in Austria and Germany. Granular access control is ensured through Conditional Access rules, security policies, and attended and unattended access, providing maximum transparency and security.

Optimized for OT environments
Designed for complex OT infrastructures, TeamViewer Tensor for operational technology enables direct, controlled access to proprietary and closed OT endpoints via Agentless Access, eliminating the need for additional software installation. It provides native support for numerous protocols, including VNC, SSH, SMB*, RDP*, and HTTPS*, and combines this with remote report isolation to enable secure access to systems, including legacy systems. The solution is scalable from individual machines to global industrial facilities.

Compliance & certifications
SOC 2 & 3, ISO 27001, ISO 9001, BSI C5, CSA STAR, NIST SP 800-53, NIS2, TISAX, HIPAA, DCB 129, IEC 62443*

*available soon

SIRA Gateway A-251

Compact access gateway for secure zero-trust network access
Designed for 24/7 use

Operating systems and security
- Kontron OS (secure, hardened Linux-based operating system)
- TeamViewer Agentless Access pre-configured
- Secure Boot / HAB and encrypted OS partition
- Stateful Inspection Firewall
- All connections are encrypted; separation of operating systems and applications

Update & Fail-Safe Mechanism
- Redundant bootloader and OS partition
- Encrypted OTA or offline updates delta updates for low bandwidth transmission
- Automatic fallback process
- Signature verification of all updates (bootloader, operating system and applications)

Interfaces
Graphic connections: 1x DisplayPort;
USB: 2x USB 3.2 (Type A); 1x USB-C with USB and DP signals (DP Alt Mode);
Ethernet: 2x 2.5 GbE Intel® I226-V/IT;
Serial interfaces: 1x COM Port RS232;

Certificates
CE, UL 61010-1, CB, FCC, UKCA

Device features
Cooling: Without fan
Operating temperature: Standard: 0 °C to +60 °C (32 °F to 140 °F);
Extended: -40 °C to +60 °C (-40 °F to 140 °F)
Housing: Steel design; fixed by DIN RAIL
(also available as a rugged DIN RAIL)
Dimensions: (WxHxD): 137 x 50 x 95mm,
weight approx. 1.0kg

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