



df.gateway 2.0

Gateway to TETRA networks

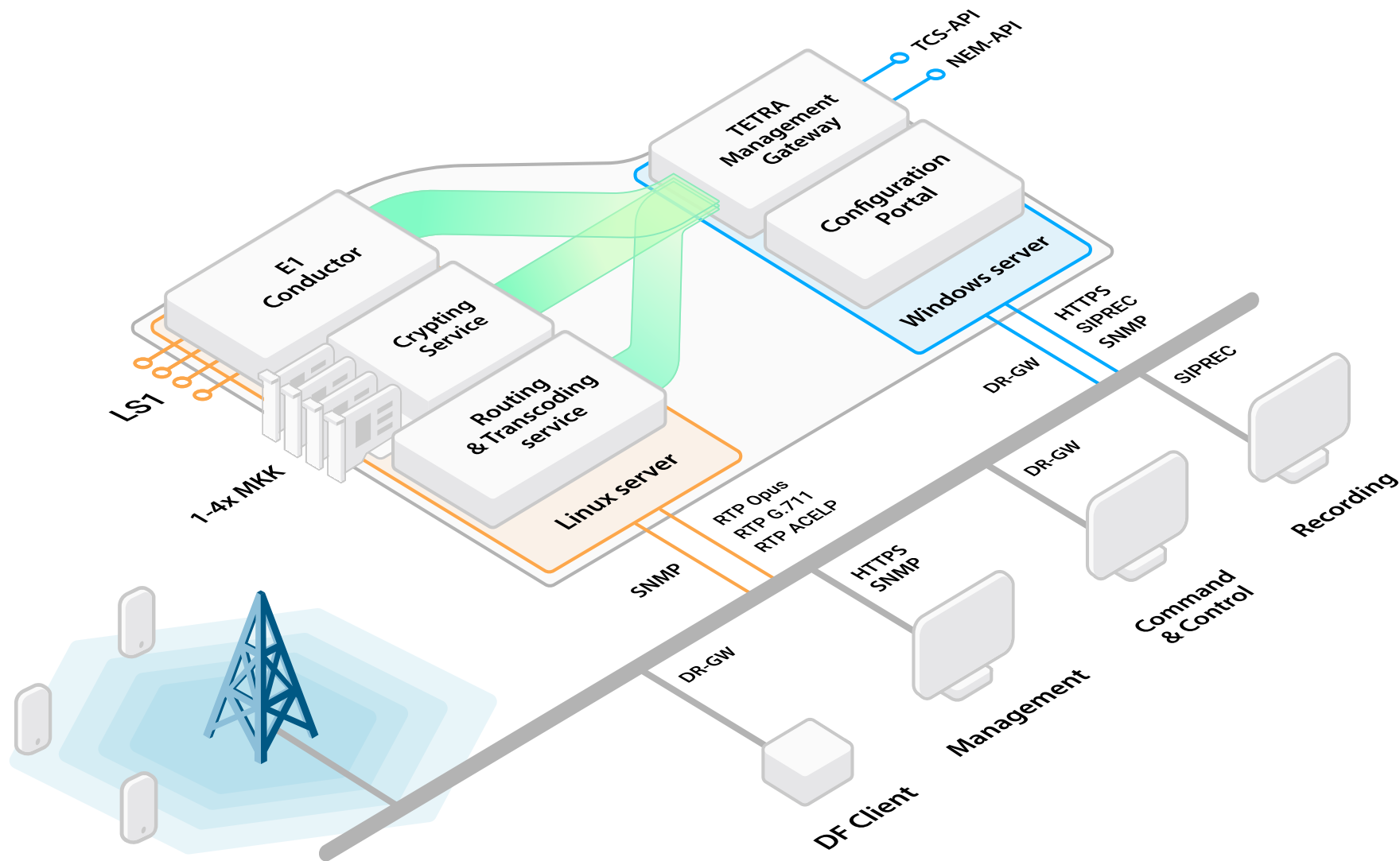
- ✓ Reliable and widely used in BOS and industrial environments
- ✓ Flexible. Scalable. Resilient. Built to run anywhere – on servers, VMs, or in containers
- ✓ End-to-End encryption powered by a built-in MKK crypto cards
- ✓ DF-Stecker interface (PMeV)
- ✓ Ready for broadband and 5G integration
- ✓ Certified according to BOS-IOP 2023-10, delivering full LM-END compliance
- ✓ Seamless recording integration using the SIPREC protocol
- ✓ SNMP interface for easy integration with IT monitoring platforms

Trusted as a reliable and **BDBOS certified gateway** into TETRA networks, our solution is widely adopted across BOS and industrial sectors for its proven performance and robust dependability.

The DF-Stecker interface (PMeV) delivers seamless, standardized connectivity, ensuring **effortless interoperability** with a wide range of control systems and secure, mission-critical communication solutions. Secure communication is ensured with end-to-end encryption powered by **built-in MKK crypto cards**. Built for modern IT – fast, scalable, and resilient, fully **optimized for virtualized environments**. Features an intuitive web-based interface for easy configuration and integrates effortlessly with recording and monitoring systems via SIPREC and SNMP interfaces.

With support for ACELP, G.711, and Opus codecs, the system ensures clear, reliable voice communication and **effortless integration with broadband MCX services** – including next-generation 5G networks – for seamless communication across all platforms.





System requirements	audio.gateway	control.gateway
Operating system	SLES 15 SP5	Windows Server 2025
Processor	3.2 GHz, 8 threads	3.2 GHz, 8 threads
Memory	8 GB	8 GB
Storage	200 GB	200 GB
Hosting platform	Bare Metal Servers (Linux & Windows) Virtualized Environments (VMware v7 & v8, Proxmox) Hybrid/Nested Virtualization (Windows KVM under SLES)	

TETRA interfaces	
Control	TCS (LS2)
User management	NEM-API (Tactilon)
Audio	E1 (LS1), DXT Audio IP (LS1 IP), TVG (Airbus), LS1' (E1 over IP, TSI or HIS)

Standards compliance	
DF-Stecker version	v1.0, v1.1, v1.2
Audio codec	ACELP, G.711, Opus
BOS-IOP 2023-10	✔ LST - ALR - SEN ✔ LST - DUR - EMP ✔ LST - DUR - SEN ✔ LST - EZK - SEN ✔ LST - GRK - PAR ✔ LST - GRK - SEN ✔ LST - GRK - ANK ✔ LST - NRD - EMP ✔ LST - HIL - EMP ✔ LST - DAT ✔ LST - SDS - MS-ISDN ✔ LST - SDS - TETRA ✔ LST - STA ✔ LST - NEM - TCS - API ✔ LST - NEM - NEM - API ✔ LST - NMR ✔ LST - TEL ✔ LST - LIP ✔ LST - MFLS

