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MgmtTrp

The MgmtTrp (in German Management-Trupp) is the central control and monitoring unit for the MobKommSysBw core network in operational areas. The container offers integrated workstations for up to three administrators or remote workstations accessible via VPN.

The unit enables central monitoring of the entire system network, including the detection, logging, reporting and resolution of any errors that occur. It incorporates configuration, release, and change management for all active components and sensors, along with their provisioning as integrated functions.

Additionally, the MgmtTrp supports VoIP and video call management, first-level support (including patch management), as well as segmentation, firewalling, and intrusion prevention systems (IPS).

Monitoring & control unit

- ✕ fully remotely monitorable
- ✕ extensively field-tested
- ✕ automated installation
- ✕ air-conditioning system
- ✕ virtualized, network-related services
- ✕ NATO FMN PCN Spiral 3 and 4 validated (AV&V)



MobKommSysBw



MobKommSysBw is the IP-based, widespread, high-performance, secure and highly available core network in the operational areas of the German Federal Armed Forces and provides an IP transport service in accordance with the IT-SysBW Mission reference architecture.



Features & protocols

WAN | LAN | VoIP | IPv4/v6 | SLA/KPI | AAA | RADIUS | 802.1x | Video | AutOr | SNMPv3 | NTP | NETCONF | RESTCONF | YANG

Components & interfaces

- 2x virtualization server
- 2x 24 (+8 SFP) port switch
- 1 x storage
- 2x dainBox RM
- 2x USV 3KVA

External interfaces:
8x HMA 2-lense single mode
8x RJ45



Operating conditions

Temperature range	Transport and storage: -33°C to + 71°C Operation: -32°C to +49°C Operating temperature of the IT components: +5°C to +40°C
Climate zones	A1, B3, C1
UPS autonomy time	min. 30 minutes



Technical data

Container type	FMB-II
Dimensions	Width 2113 mm, Height 4230 mm, Depth 2050 mm
Weight	3.3 t
Power consumption	max. 32 A
Power connection	400 V CEE
Standard reference	CE DGUV V3 (accident prevention regulation, electrical installations and equipment)

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