Security guaranteed

EthernetConnect 2.0
A network with added value

EthernetConnect 2.0 allows for greater flexibility in connecting the local area networks at your locations in Germany. By separating the access and the connection, company networks can be implemented on a requirement-oriented basis. **Digitization. Simply. Make it happen.**

A simple and efficient way to connect business locations

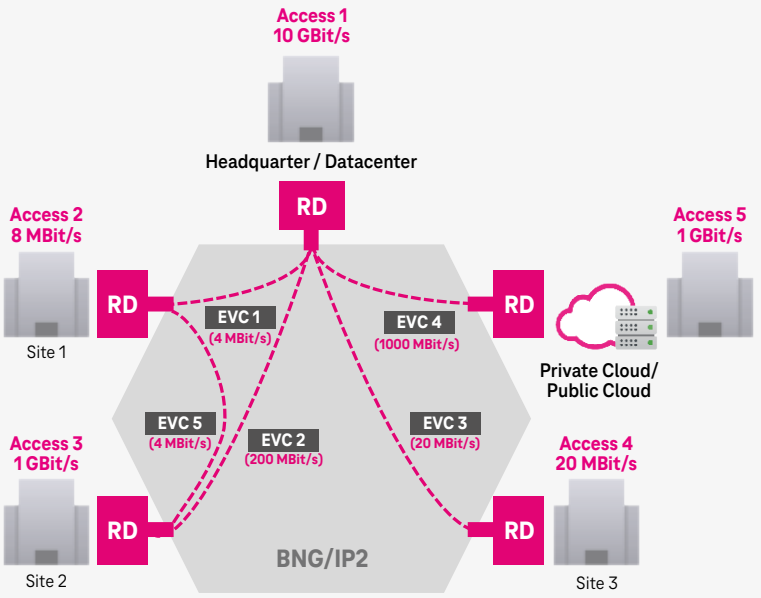
With EthernetConnect 2.0, you can connect logically separate networks at different locations in a flexible way to form one large network. Simple configuration, high standardisation and bandwidths heading into the gigabit range create a new dimension of digital networking. Each access provides up to four user network interfaces (UNI). Multiple configuration options for logical connections (Ethernet virtual connection/EVC) at one access save remote devices (RDs), energy and space. The EVCs can be selected with a choice of Classes of Service according to their individual requirements. IP management remains entirely in your hands. This means you retain full control, while also reducing the workload for your IT team.

Your benefits

- Fast implementation of your business requirements: high level of standardisation, simple configuration, no rental period commitment for EVCs
- Classes of Service for EVCs can be selected precisely to meet the requirements of applications, e.g. to prioritise speech
- Multiple connections switchable per access
- Fewer remote devices required – reducing energy consumption and space requirements at the sites

A network you can count on – EthernetConnect 2.0

A simple way to connect local area networks



EthernetConnect 2.0
Flexible bandwidths

- Access bandwidths: 2 MBit/s to 10 GBit/s
- EVC bandwidths: 1 MBit/s to 10 GBit/s
- EVCs: Depending on the type of access, it is possible to have between 10 and 200 EVCs per access
- Multipoint-to-multipoint communication is possible thanks to flexible, switchable connections
- EVCs do not have minimum rental terms and can be ordered, changed and terminated as needed
- Fault clearance: within 8 hours
- Add-on services:
  – Proactive fault management (1 GBit/s and 10 GBit/s)
  – Internal connection cable between Telekom's demarcation point (APL) and remote device

EPL or EVPL?
Flexibility is the key

EthernetConnect 2.0 is about providing individual networks which can be combined in a flexible way using an access and an EVC. EVCs can be connected as an Ethernet Private Line (EPL) or as an Ethernet Virtual Private Line (EVPL).

- EPL: port-based EVC between two user network interfaces (UNIs) – only one EPL can be connected per UNI
- EVPL: VLAN-based EVC – several EVPLs can be switched to one UNI

Classes of Service

- **Priority:** delay-critical traffic (e.g. video)
- **Premium:** small packets with very low runtime (e.g. voice traffic)
- **Critical:** low package losses, longer runtime (e.g. financial transactions)
- **Standard:** applications without special requirements, no guaranteed bandwidth (e.g. email)
- Additionally **6 mixed profiles for EVCs in the type of Ethernet Virtual Private Lines (EVPls)**

Contact

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