

Technical interface specification for access to telecommunication network of Briskly Telecom GmbH

Voice telephone service

Technical characteristics of the interfaces of the connected lines:

1. SIP interface – SIP v2 Session Initiation Protocol RFC 3261.

Connector type: RJ-45.

2. IP Trunk - direct VoIP connectivity, based on H.323 and SIP protocols

H.323 Trunk, following the ITU-T H.323v4 requirements

SIP v2 Trunk, following RFC 3261 requirements

Other features supported:

Asserted Identity within Trusted Networks (RFC 3325 – IETF)

Fax protocols: T.30/T.38 (RFC 3362 – IETF)

DTMF protocol: RFC 2833

Physical interface : 100BaseTX Ethernet for standard 802.3u

Supported codecs: G.711A, G.711U, G.729

Safety requirements to the interfaces and EMC compliance to the equipment

Certification and Requirements:

NEBS certification

- Telcordia SR-3580
- GR-1089-CORE, Issue 2
- GR-63-CORE, Issue 1
- Level 3 certification based on usage and critical nature of equipment
- All equipment Common Language Equipment Identifier (CLEI) coded
- Available in TIRKS database

Safety certifications

- UL 1950, third edition
- CSA 950, third edition
- EN 60950, with Amendments 1, 2, 3, and 4

- IEC 60950
- AS/NZS 3260
- TS 001

Electromagnetic Emissions and Immunity Compliance

- EN 55022B (CISPR22)
- EN 300386
- NZS/AS3548 Class A
- VCCI B
- FCC 47CR15 Class A

Briskly Telecom equipment is powered by the collocation center with the following specifications: 230VA, 2A. The electrical line is protected by UPS and electric generators.