



INTEGRATION & INTERNET

cityLINE

Synchronous communication
without data loss.

With **cityLINE**, we offer a line network with bandwidths of up to 2.5 Gbit/s for synchronous voice and data transmission in real-time. **cityLINE** allows safe data transmission and great bandwidths thanks to SDH technology, so that no data packet is ever lost. Whether you want to connect telephone systems, base stations or your company sites, with **LINZ AG TELEKOM** you are always live-wired. We guarantee your bandwidth no matter how busy the lines.

The **cityLINE** advantages at a glance:

- safe data transmission in real-time
- guaranteed bandwidth from 2 Mbit/s up to 2.5 Gbit/s
- no latency in the data stream
- short switching times in case of line failure
- guaranteed availability according to the selected Service Level Agreement (SLA)
- future-proof fibre-optic technology



Anything is possible.
With **cityLINE** even more than that.

LINZ AG TELEKOM offers more than standard solutions. We aim for solutions tailored to our customers' needs.

cityLINE can be combined with the Internet access **cityWEB** as well as our housing solution **citySITE**, thereby offering you all the features of a perfect, customised solution.

Get information on Integration & Internet, Housing & Hosting, Telephone & Video as well as Security & Monitoring. What are you waiting for? www.linzag-telekom.at

LINZ AG
TELEKOM

Details

Technical data:

- switching times < 50 ms
- 99 % own infrastructure (optical fibre and copper)
- hardware: Siemens Surpass/SMA product family

Features

- flexible bundling of bitstreams of different rates of 2 to 155 Mbit/s possible
- limited latency and jitter for real-time applications such as voice, video or time-critical applications
- redundant transfer possible

Services

- 100 % guaranteed bandwidth
- point-to-point connections
- from 2 Mbit/s to 2.5 Gbit/s
- modem technologies: LWL, SHDSL, HDSL, RiFu

Service management

- central NOC 7 x 24 x 365
- central network management Siemens TNMS (Telecommunication Network Management System)
- central modem configuration and administration

Data rate (bandwidth)	Interface
2.048 kbit/s (E1), unstructured/structured	electrical G.703 / G.704, RJ-45 socket (120 Ω symmetrical)
2.048 kbit/s (E1), unstructured	electrical X.21 / V.11, D-Sub 15 socket (ISO4903)
34.368 kbit/s (E3), unstructured	electrical G.703, BNC socket (75 Ω coaxial)
155.520 kbit/s (STM-1), structured	electrical G.703 / G.707, BNC socket (75 Ω coaxial)
155.520 kbit/s (STM-1), structured	optical G.957 / G.707, FC/PC socket singlemode 9/125 (1310 nm)

- greater bandwidths upon request (STM-4 and STM-16)
- other socket models available upon request

Possible combinations

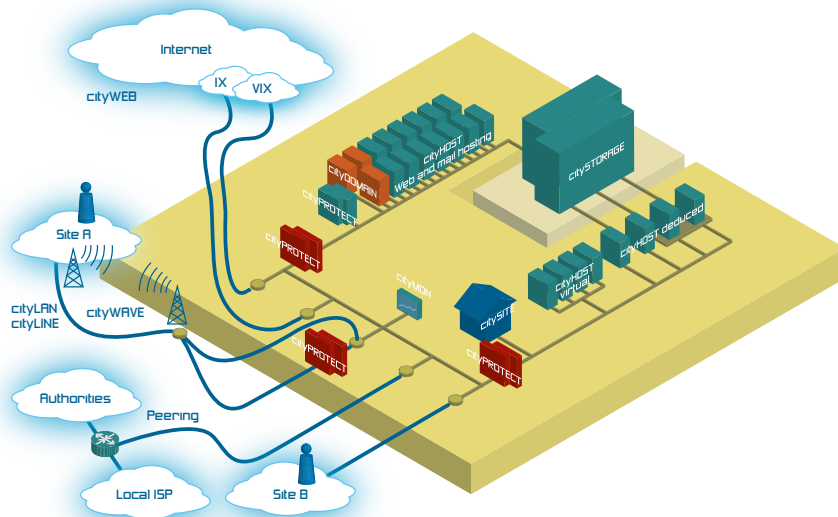
cityWEB (Internet access)

Your direct connection to the Internet

citySITE (housing)

Take your IT to a safe place.

Examples of use



Legend:

- cityLAN Integration using Ethernet technology
- cityLINE Connection using SDH technology
- cityWEB Internet access
- cityWAVE Radiocommunication
- PEERING Interconnecting Internet service providers
- citySITE Housing
- cityHOST Web, mail and server hosting
- cityPROTECT Firewall, antivirus, antispam and intrusion prevention systems
- citySTORAGE Backup and storage solutions
- cityMON Monitoring tool
- IX Interion (computing centre in Vienna)
- VIX Vienna Internet Exchange
- cityDOMAIN Domain service

LINZ AG TELEKOM certification according to ISO 27001, ISO 9001, ISO 45001

Get in touch for a face-to-face consultation.

LINZ STROM GAS WÄRME GMBH für Energiedienstleistungen und Telekommunikation
 4021 Linz, Wiener Straße 151, P.O.-Box 5009, Austria
 phone: +43 (0)732/3400-9455, fax: +43 (0)732/3400-9456, e-mail: wir-sind-hier@linzag.at

LINZ AG
TELEKOM