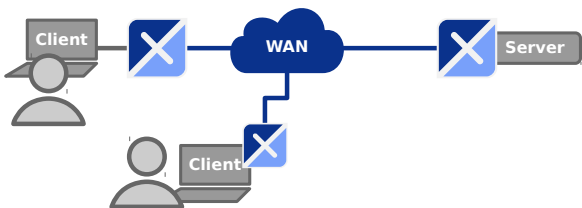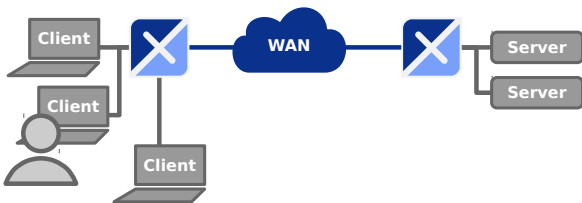# TIXway

SIMPLY ACCELERATE FTP

TIXEL

TIXway brings the power of TIXEL's Wide Area Network (WAN) transfer acceleration to standard file transfer (FTP based) applications with minimum integration effort: no new end-point software, no extra devices, no modifications of processes or workflows are required.

TIXway provides significant acceleration by replacing TCP/FTP on the critical long haul path and using TIXEL's WAN optimized transfer protocol instead – efficiently compensating impact of packet loss, jitter, and high latencies. This guaranties reliable data transfers at fastest speeds on standard IP networks.

Accelerate FTP transfers	Minimize integration effort	Add security
Maximize data rates for long haul FTP transfers – up to the speed you experience in a local network.	No need to exchange or modify your existing tools and workflows – FTP servers and clients remain.	Encrypt FTP transfers on the WAN path – on-the-fly at full speed, with strong AES encryption.

TIXway enables transparent acceleration of existing FTP-based workflows with ultimate ease of integration.

TIXway complements FTP software applications – there is no need to install extra software on the FTP endpoints. TIXway gateway nodes can serve several FTP clients as well as multiple FTP servers on the server side.

Entirely implemented as software, TIXway may as well run on the same machine as the FTP client, e. g. a laptop computer. The same applies to the FTP server – simply install a TIXway server side gateway on the same node.

Of course you can add TIXway to multiple branch offices in order to speed-up file transfer between them.

A TIXway client-side-gateway (CSG) is set up close to the FTP client(s) and a server-side-gateway (SSG) is installed close to the FTP server(s). You may also deploy TIXway on the FTP end-points itself. There is no need to disrupt the current WAN link nor to modify routing.

FTP over TCP is used only for the local connections between FTP client and CGS as well as between SSG and FTP server. The critical long haul connection is boosted by TIXEL's WAN protocol.

CSG and SSG are configured to set up the entire connection chain upon FTP client request. An FTP client simply connects to the CSG instead of the actual FTP server. Data and credentials are passed fully transparently without additional intermediate storage.

- **Accelerates FTP** based workflows by locally terminating FTP and optimizing the long haul path
- **Minimum user impact** – unmodified workflows, minimum integration and deployment effort
- **Flexible deployment** for single user, workgroup, and enterprise environments
- Linux/Mac OS **software** – CSG XE also for Windows
- **Compatible** with standard FTP clients and servers
- Full speed **on-thy-fly WAN encryption**
- One TIXway for **multiple FTP clients/servers**
- Multiple **parallel FTP sessions**