

TIXstream® is the key enabler for ultra high speed data transmission in Wide Area Networks (WANs) accelerating a wide variety of global data intensive applications. TIXstream supersedes legacy transfer tools like FTP or SCP reducing transfer times from days to hours or hours to minutes.

TIXEL's optimized WAN transfer protocol guarantees secure and super fast data transfers at speeds of up to 1250 Megabytes per second (10 Gigabits per second) on standard Internet Protocol (IP) networks – especially on WAN connections with packet loss, jitter, and high latencies.

## Maximum transfer performance

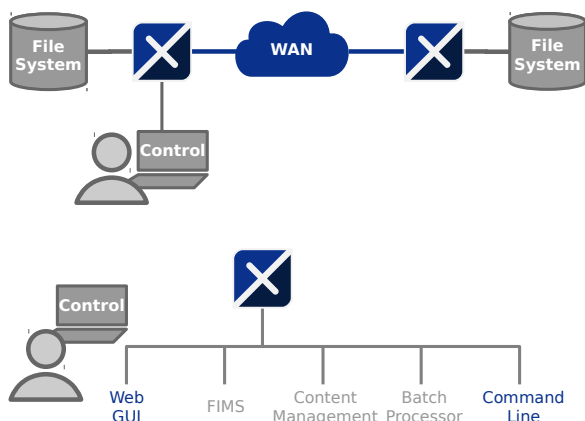
By controlling the entire end-to-end transfer chain TIXstream enables maximum transfer rates.

## Seamless integration

By providing a variety of interfaces, TIXstream file transfer seamlessly becomes part of your processes and workflows.

## Maximum network link utilization

Long haul high speed links are significant expense factors. Fully exploit their capacity for bulk data transfer.



TIXstream software can be deployed on any suitable machine that provides connections to the file system and the regular IP network.

TIXstream offers several seamless integration options for various applications. Transfers can easily be controlled either locally or remotely from any authorized client through one of the control interfaces.

Multiple options are also provided for configuration management of the TIXstream nodes.

Like FTP clients and servers, TIXstream reads and writes files. TIXstream efficiently accesses all sorts of file systems on Storage Area Networks (SANs), Direct Attached Storage (DAS), or Network Attached Storage (NAS).

By optimizing the entire end-to-end chain covering file system operations, processing, and network transfer maximum throughput is achieved. Therefore TIXstream can also speed up pure local file transfer scenarios.

For control and management a platform independent, easy-to-use web-based user interface is available as well as an industry standard SOAP interface for integration into a SOA landscape. TIXstream can also be controlled by command line (CLI) e. g. for use over SSH.

- Up to 1250 Megabytes/s (**10 Gigabits/s**) on 10 GE
- Drag-and-drop **watch folders** with TIXwatch
- Segment based **checkpoint management**
- **Rapid local copy** for heterogeneous storage
- Broad high performance **file system support**
- OneFS® **multi-path NFS** acceleration
- Platform independent **web-based user interface** for transfer management and administration
- Multiple integration options e. g. via **Web Services** and command line interface (**CLI**)
- Full speed **on-the-fly encryption**
- **Clustered** solution for links beyond 10 G