Fiber Channel
Set up a storage network

Are your data spread across two or more storage sites, geographically dispersed and connected via dark fibre to the Belnet network? Are you encountering problems in creating a high-performance storage network which is both fast and totally transparent? To ensure a better connection between your servers and storage systems, we are proposing the Fiber Channel service. If you have dark fiber connected to a Belnet Point of Presence (PoP), this service is the right solution for optimising your storage network, accessibility and data sharing.

Fiber Channel ensures optimal transfer quality

Previously it was common sense to implement SCSI (Small Computer System Interface), but the Fiber Channel techno-logy is faster, more reliable and less expensive. The Fiber Channel service is a high-speed connectivity service over op-tical fibre, linking your servers and storage systems, also known as SANs (Storage Area Networks), to each other. Once you are connected to the Belnet network by the Fiber Channel service, your data will be transferred using the DWDM protocol (Dense Wavelength Division Multiplexing). This system, used on the Belnet network, allows you to exchange a large amount of data over a long distance thanks to efficient wavelength division multiplexing. This technique involves passing several wavelength signals through a single optical fibre.

A high-speed solution for all your data

Thanks to the technical specifications that you define, we will decide with you what connectivity speed is best suited to your needs and to the architecture of your storage network. Thus, we offer you three different kinds of speed: 2 Gbit/s, 4 Gbit/s, 8 Gbit/s.

Implementation tailored to your needs

For the implementation of the Fiber Channel service, Belnet offers the solution that is most suited to your network. To guarantee you minimum data loss, the service can also be implemented redundantly. Thus, despite problems that may occur on one of your connections, Belnet assures you optimal pooling of your storage resources thanks to guaranteed fast recovery.

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Benefits at a glance

- **High speed:**
  Belnet guarantees you great flexibility by recommending a 'Fiber Channel' speed suited to your needs: 2 Gbit/s, 4 Gbit/s, 8 Gbit/s.
- **Easy data update:**
  The Fiber Channel service helps your users easily access files in the various datacenters.
- **Guaranteed backup and fast recovery:**
  The Fiber Channel service allows your storage system to synchronise continuously and be used as a mutual backup. Your transfer speed is thus increased.
- **Transparent technology:**
  In the high-quality and high-security environment of the Belnet network, you benefit from continuous monitoring and complete transparency.
- **Cost saving:**
  By linking your multiple geographically dispersed storage sites via the Fiber Channel service, you never leave the Belnet network and you enjoy its many advantages.

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Would you like to connect your servers and storage devices?

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