

BT Ethernet Services

LAN/SAN Extension Services

Ethernet

Our unique Ethernet Services portfolio will help you link Local Area Networks (LAN) and Storage Area Networks (SAN) from site to site transparently and reliably. This is a proven and cost effective solution for pan-enterprise communications and applications. Services are protocol transparent, distance independent and are offered with speeds of up to 2 Gigabits per second (2Gbps).

Service description

BT's LAN Extension Service provides high speed dedicated links running between your dispersed sites, connecting together LANs at speeds of up to 1,000Mbps with Ethernet, Fast Ethernet and Gigabit Ethernet interfaces.

Similarly BT's SAN Extension Service is a high speed connection for SAN components, supporting SAN protocols such as ESCON, Fibre Channel and FICON. It offers links at speeds up to 2 Gigabits per second.

Both services work on an install charge and a monthly flat-rate charge.

Key benefits

- **Cost effective**
Flat rate charging ensures all costs are entirely predictable. Cost effectiveness is further enhanced by the fact you need no extra or special equipment to use these connectivity services and that applications can be shared over any distance.
- **Seamless functionality**
To users across your linked sites your information and communications technology will function as on a single network: you can share applications seamlessly regardless of location, with data and functionality delivered on any PC just as though it was coming from a local server.
- **Distance independent**
You can link LANs and SANs within or between Germany, Netherlands, Spain, Belgium, Ireland, Nordics, and UK. Other European countries, Eastern Europe, USA and Asia Pacific can be connected on an ad-hoc project basis.

- **Flexible**
The portfolio is protocol transparent, and the services are inherently scalable, with a large variety of service speeds, so you can increase bandwidth easily if your traffic needs change: bandwidth will always match your internal network capabilities.
- **Secure and reliable**
Fixed fibre or SDH links deliver assured security, with no sharing or overbooking, so bandwidth availability is guaranteed. Indeed quality of service, with availability of up to 99.999%, is state of the art and a business continuity back-up option offers a further dimension in resilience.
- **Fully supported**
We offer round the clock network management by proactive monitoring and maintenance, maximising reliability even further.

Benefits at a glance

- **Greater cost effectiveness**
- **No additional equipment required for protocol conversion**
- **Transparent functionality to users**
- **Wide geographic availability**
- **Inherent scalability with a large variety of service speeds**
- **High levels of security**
- **Reliability of service**
- **Full management support**



Key features

- **Transparent Ethernet connectivity**
With LAN/SAN Extension Services, BT offers a Layer 2 Ethernet connectivity service – metro, national and international.
- **High speeds**
LAN Extension Services work at up to 1Gbps and SAN Extension Services work up to 2Gbps, so are suitable for high volume traffic.
- **Inclusive package**
We supply all network terminal equipment: you just plug in your LANs and SANs.
- **Assured performance**
Our service level agreement and guarantee give you assured service availability, and effective fault management.
- **Distance independent**
You can connect sites across the world regardless of the distance between them.

Features at a glance

- Transparent Ethernet connectivity
- High speed
- All-inclusive package
- Assured performance
- Distance independent

Specifications

Service options

Service speeds and interfaces

BT LAN Extension Service ET 2 – a 2Mbps connection with Ethernet interfaces between two sites
BT LAN Extension Service ET 10 – a 10Mbps connection with Ethernet interfaces between two sites
BT LAN Extension Service FE 34 – a 34Mbps connection with Fast Ethernet interfaces between two sites
BT LAN Extension Service FE 50 – a 50Mbps connection with Fast Ethernet interfaces between two sites
BT LAN Extension Service FE 100 – a 100Mbps connection with Fast Ethernet interfaces between two sites
BT LAN Extension Service GBE 150 – a 150Mbps connection with Gigabit Ethernet interfaces between two sites
BT LAN Extension Service GBE 300 – a 300Mbps connection with Gigabit Ethernet interfaces between two sites
BT LAN Extension Service GBE 600 – a 600Mbps connection with Gigabit Ethernet interfaces between two sites
BT LAN Extension Service GBE 1000 – a 1,000Mbps connection with Gigabit Ethernet interfaces between two sites

BT SAN Extension Service ESCON 200 (SAN ESCON 200) – a ESCON connection between two sites
BT SAN Extension Service FICON 1000 (SAN FICON 1000) – a FICON connection between two sites
BT SAN Extension Service FC1000 (SAN FC 1000) – a 1 Gigabit Fibre Channel connection between two sites
BT SAN Extension Service FC2000 (SAN FC 2000) – a 2 Gigabit Fibre Channel connection between two sites

Intermediate or higher speeds are available on request.

Customer service

Customer service and assistance 24x7x365 through our Customer Service Centres.

Billing

Monthly flat rate billing.

Why BT?

Only BT can offer these high speed, point to point LAN/SAN Extension Services for metro, national and international connectivity.

We are one of the largest and most successful communications businesses in the world. We operate a single global network architecture with coverage in over 60 countries. In particular we have domestic coverage in-depth in seven European countries.

We work to carrier grade standards of security and resilience, so performance is assured, as is the continuing integrity of your network. All our services are supported by a unified set of processes and management options.

We're here to help create complete business communications.

Freephone 00 800 8000 2000
www.bt.com



Offices worldwide

The telecommunications services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to British Telecommunications plc's respective standard conditions of contract. Nothing in this publication forms any part of any contract. © British Telecommunications plc 2004. Registered office: 81 Newgate Street, London EC1A 7AJ. Registered in England No. 1800000. Designed by Unigraph Ltd D22009.

PHME 46242/06/04.

Printed on paper which meets international environmental standards.