

Ethernet Connect – an adaptive, high performance data connectivity service for the UK and across the globe

Ethernet Connect is a flexible, high-performance layer two Ethernet Wide Area Network (WAN) service that connects sites across the UK and around the globe.

Ethernet Connect's strength lies in its ability to enable a wide range of business requirements across multiple sites, all delivered on various access types and sizes. It's the ideal data connectivity service for corporate and government organisations due to the scale of its network reach, as well as its inherent data centre

connectivity options – enabling the introduction of cloud-based services and AI applications into any network. The ability to offer flexible access speeds from 10GB down to SoGEA services means large and small sites can share real time applications, including data storage, card payments, and voice services.

How will it help me?

Ethernet Connect has been specifically designed for customers with various requirements, granting various capabilities including:

- **End-to-end control of business applications and services:** With Ethernet Connect, you can quickly deploy new business applications across your network with minimal downtime.
- **Freedom to innovate:** Provides an ideal innovation platform to build capabilities, including AI deployment, cloud services, and payment systems.
- **Data centre connectivity:** Including support of virtual machine environments split across sites.
- **Protected bandwidth:** Provided by Ethernet Connect E-Line, protecting your operations 24/7.
- **Evolving legacy:** Enables voice, data, video and internet traffic to be delivered on a single access point, reducing your network costs as well as ongoing charges.

Main features

There are two important elements to the Ethernet Connect portfolio: BT Ethernet Access and Ethernet Virtual Connections.

BT Ethernet Access

BT Ethernet provides the physical connectivity to BT's network and, depending on BT Ethernet Access, is available as: Ethernet over fibre (100 Mbps, one Gbps, and 10 Gbps) or Ethernet over SoGEA and FTTP technologies (40Mbps to 1000Mbps). The latter would make your connectivity solutions more cost effective to operate and maintain. Lastly, BT Ethernet access can offer Diverse and Diverse Plus resilience options for reliable application management and protection.

Ethernet Virtual Connections

Ethernet Virtual Connection (EVC) defines the connectivity between sites, allowing you to connect your sites as required. In addition, introducing new sites is easy and straightforward. Bandwidth speeds are available in small increments up to one Gbps and increments of one to 10Gbps. Multiple classes of service are for E-Line and E-LAN services.

Why BT?

Buying from BT not only means you're getting a world-class, next-generation service, it also means benefiting from over 25 years of investment in the design, building, and management of secure networks around the globe.

We're at the forefront of global network technology. By acting as a single supplier for all your IT needs, we offer flexible, consistent service levels and an exceptional customer experience.

Our capabilities are recognised across the industry – we're featured in the Leadership category of Gartner's Magic Quadrant for Global Network Providers based on Completeness of Vision and Ability to Execute.

Our team of professionals operate in more than 75 countries, and we have the world's largest qualified technical expertise resources with more than 4,000 Cisco-certified engineers.

How does it work?

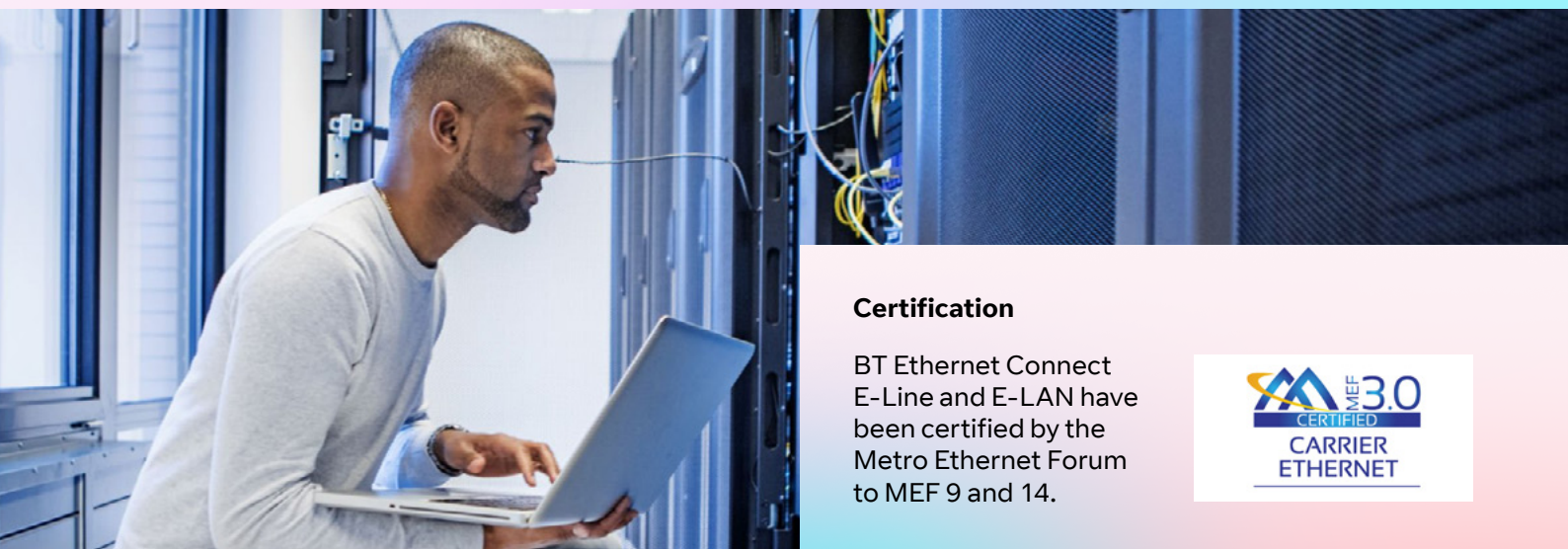
As a layer two service, whatever you provide on one end will be delivered to the other.

Classes of Service

Ethernet Connect offers multiple classes of service over a single EVC, ensuring you can prioritise your network applications to obtain the greatest commercial network flexibility for your business.

Frame size

Maximum frame size can be supported up to 9,000, the supported maximum frame size is subject to local access circuit technical capability.



Certification

BT Ethernet Connect E-Line and E-LAN have been certified by the Metro Ethernet Forum to MEF 9 and 14.



Get in touch with your BT account manager to learn more about BT Ethernet Connect services and how they can provide the connectivity your business needs.

[Learn more](#)

Offices worldwide

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