openreach

Fact sheet

Street Access 100Mb

Street Access delivers bandwidth from a local exchange to terminating units (NTE) located in remote street furniture (e.g. lampposts or street cabinets). Once in place you can connect low powered radio transmitters to the NTE and provide wireless networks in urban areas, public information points such as cinema listings and parking information, connectivity at popular events and remote telemetry such as traffic congestion monitoring.

Street Access enables you to offer an array of outdoor, feature-rich services that are commonly available at home and in the office.

Product benefits

Bandwidth to outdoor environments

Delivers reliable 100Mbps bandwidth to street furniture using recognised Ethernet standards.

Robust and weather resistant

The remote ruggedised NTE is tough enough to withstand a wide range of temperature and weather conditions.

Compact design for flexible use

Small enough to fit within common street furniture (street cabinets or lampposts located in the street).

Supports future development

The simple powered NTE interface could inspire and serve a range of services for small communities.

Delivers connectivity 'on the go'

Supports wireless internet access requirements by enabling wireless network coverage in urban areas and offers robust wireless connectivity at popular events (e.g. sports & music festivals etc).

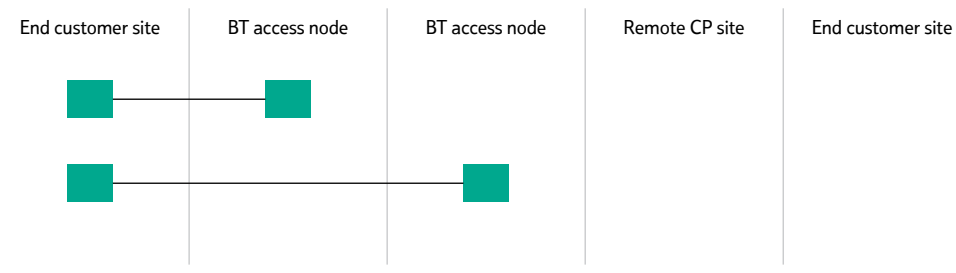
Fast fault fix

A five hour fix target for NTE or fibre faults helps to keep applications in service.

Nationwide coverage

Available to locations across the UK (subject to survey and demand).

Connection capabilities



Available bandwidths

100Mbps

Product features

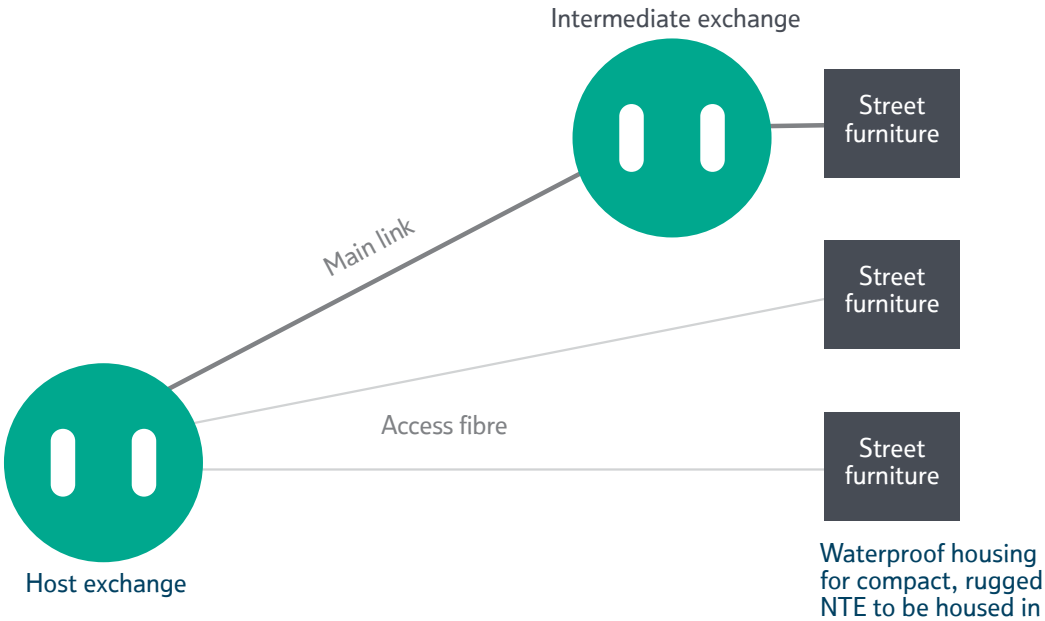
- Dedicated symmetrical bandwidth – always on with no bandwidth usage limits.
- 100Mbps Fast Ethernet interface 100BaseT (IEEE 802.3) for simple connection of CP equipment.
- Remote telemetry for monitoring
- Direct optical-fibre link from the NTE in the street to a dedicated termination point in a BT exchange.
- 24 volt DC Powered NTE in street furniture.
- Secure connectors at remote NTE for power and data.
- Each Street Access circuit is presented as an RJ45 Ethernet connection at the Media Chassis in the host BT local exchange.
- Up to 20 Street Access circuits terminated in rack mounted chassis in CP's BT Locate or NetLocate facility in the host BT local exchange.
- 3 Unit (3U), 19 inch chassis. Typical installation: 10 Units (10U) to cover fibre management, air flow and label requirements.
- Billed separately from other Ethernet products but covered by a single Connectivity Services contract.

Circuit reach

- Maximum main link radial distance: 10km
- Maximum route fibre distance: 20km

How it works

The diagram shows a typical Street Access network. The Host exchange contains the chassis and optical flexibility rack, media converter cards and all internal fibre cables.



For more information on Street Access visit **www.openreach.co.uk** or contact your business development manager.

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