Optus E-Link

ABOUT OPTUS E-LINK

E-Link is Optus' new Ethernet over SDH (EoSDH) leased line networking solution giving carriers and ISPs an easy choice when requiring dedicated and flexible bandwidth options to suit the speed and quality necessary for their networks. E-Link is an ideal highly cost effective scalable access and backbone network solution for carriers building their own IP VPN networks.

E-Link utilises a SDH network more efficiently,minimising expenses for carrier interfaces and the equipment footprint for customers. Speed upgrades are easier and faster for subscribers and t here is no need for a field engineer to visit customer sites to increase bandwidth compared with SDH/PDH Access solutions.

FEATURES AND BENEFITS

E-Link allows wholesale customers to significantly enhance their service offerings to business clients. Key benefits include:

- More efficient networking: E-Link point-to-multipoint capability means subscribers' services and VLANs can be aggregated into a single GE interface at the carrier exchange or hub location. This reduces the need for deployment of more expensive high density access routers such as Provider Edge (PE) routers in the carrier's network.
- Service level guarantees: pre-selected dedicated bandwidth is guaranteed, meaning superior service quality is assured and backed by rebates.
- Flexible and competitive pricing: end-users have a choice of access speeds, ranging from 2 MB/sec to 1 GB/sec, which can be changed by the user at any time.
- Full duplex capability: ensures the selected allocation (e.g. 10 MB/sec) can be transmitted fully in both directions simultaneously.
- Redundancy: Optus' nationwide SDH backbone network uses high-throughput redundant core switches and several levels of redundancy, enabling traffic to be easily switched if one method fails.
- Full-time availability: Our SDH network is monitored 24/7 by Optus Customer Network Services ensuring optimal service availability. What's more, around-the-clock access to customer support from the Optus Business Service Assurance Support Team is available.

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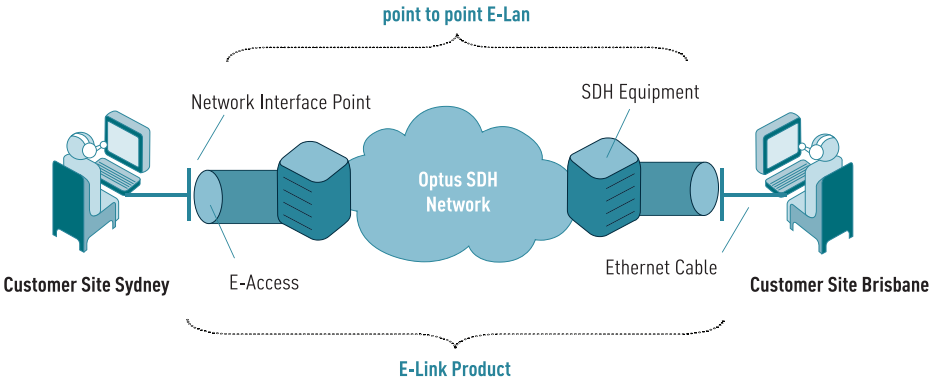
- Leased Line Service
- Point to point
- Point to multipoint
- Flexible
- High Speed
- Superior quality of service

- Future readiness: Ethernet is expected to become the access method of choice in the convergence era. Interfacing with other Optus products, including Spinnaker and IP VPN means installing E-Link can lead to further opportunities, such as expanding business to other sites.
- National coverage: CBD, metro, regional and inter-capital availability.

Potential users

- E-Link's high-quality dedicated bandwidth appeals to organisations deploying commercial Internet Protocol (IP) routers on the premises to run IP Telephony.
- An ideal highly cost effective access and backbone network solution for carriers building their own IP VPN networks, or large corporations and SMEs wanting to connect their offices nationally.

E-Link Network Diagram



Further Information

Optus E-Link is part of a range of integrated communication services provided by Optus Wholesale. For solutions for all your wholesale needs, contact your Optus Wholesale Account Manager or visit our website at **www.optus.com.au/wholesale.**

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