



Hermes Service Portfolio: Point to Point Connection

Definition:

A physical dedicated clocked digital circuit from one place to another.

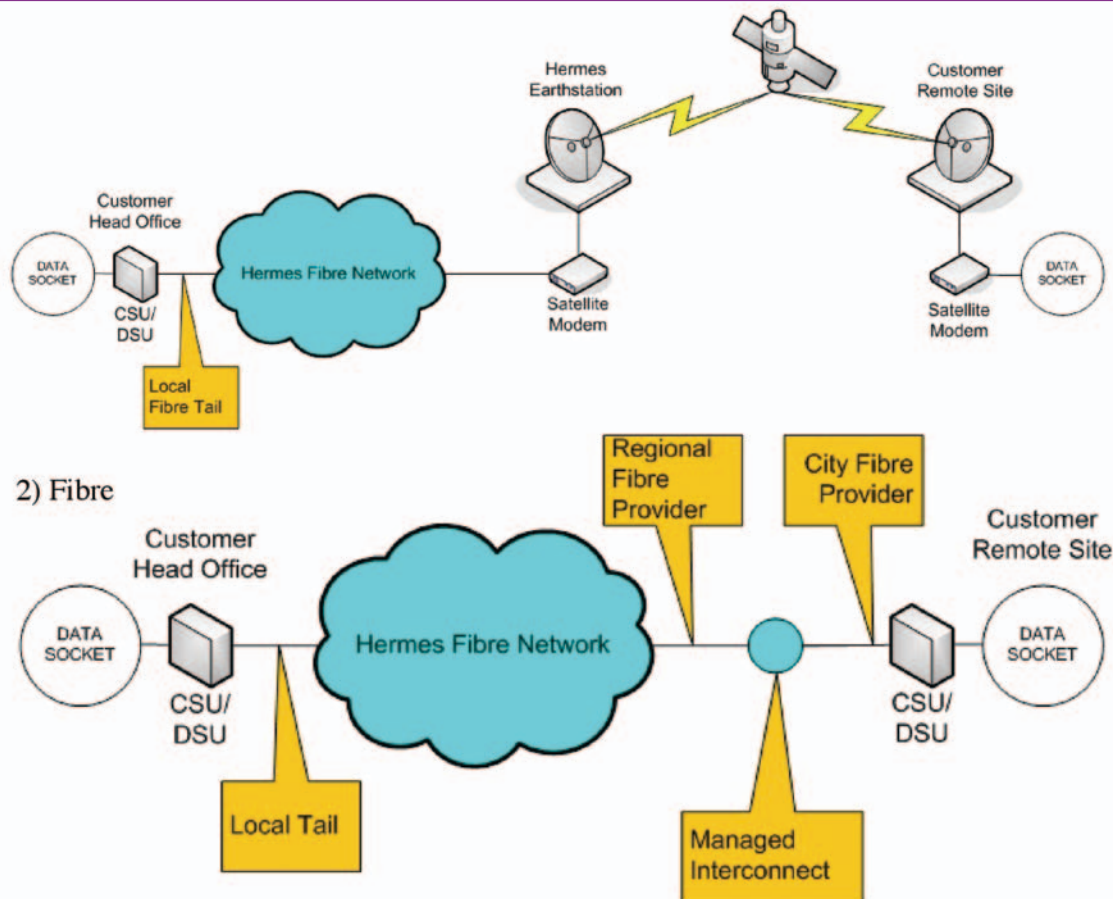
Provision:

Hermes integrates dedicated fibre, satellite and/or microwave links with its existing satellite and fibre networks to provide an end-to-end network.



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Typical Network Diagram:



Features:

• Speed/Bandwidth:

64Kbps-155Mbps

• Clocking:

Can be delivered from Hermes or utilise the customer clock (DCE)

• Interface:

The interface provided depends on location and bandwidth. Options include: G.703, RS530, V.35 and X.21.

• Router Configuration:

Hermes can if required configure router interfaces.

• Service Level Agreement:

Latency: One-way delay – depends on circuit design.

Errors: BER typically 10⁻⁹. No clock slip.

Availability: Normally 99.98% excluding scheduled maintenance and solar outages minutes/month.

• Compression:

Layer 2 data compression techniques are normally utilised to provide up to 30% increase in data transmission speed over uncompressed links.

• Management:

Parts of the leased line which are within Hermes network are managed, including satellite nodes. Local tails between the customer site and Hermes' nearest point-of-presence are unmanaged.

• Redundancy:

Circuits may or may not include redundancy for all or part of the way.

• Acceptance Testing:

Latency and 24-hour bit error rate tests.