



Hermes Service Portfolio: Ethernet

Definition:

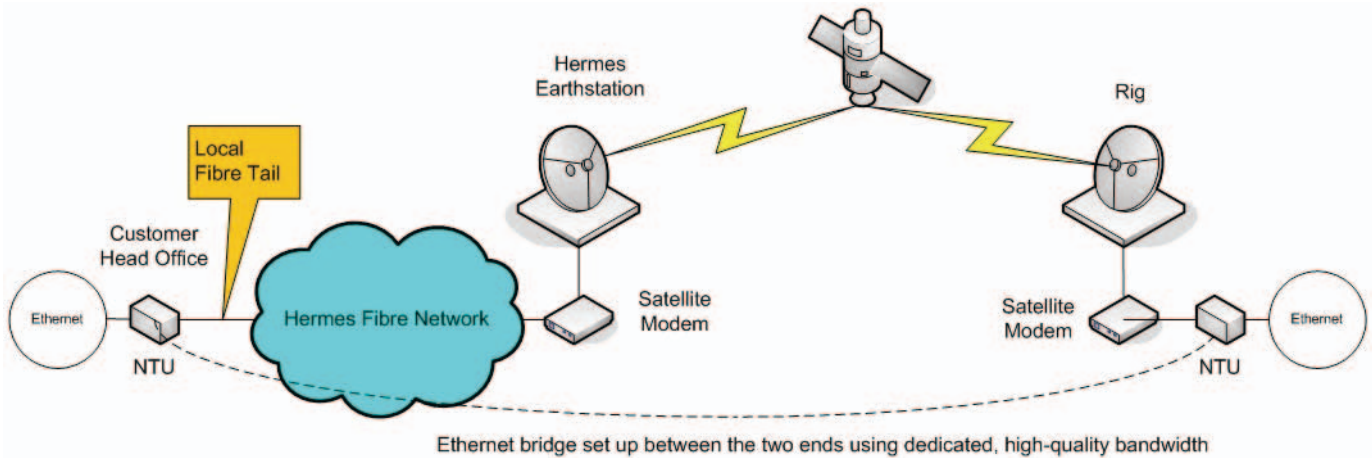
A point-to-point ethernet bridge connecting two sites across dedicated fixed bandwidth.

Provision:

Hermes provides dedicated bandwidth between the two customer sites using fibre, satellite or a combination of the two. At each site Hermes provides a managed network termination device which presents an ethernet port. The two ethernet ports are configured to act as a bridge. Service attributes are configurable as required.

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Typical Network Diagram:



Features:

• Speed/Bandwidth:

Ethernet can be provided at any speed, however typical bandwidths are around 2Mbps – 10Mbps. Exact bandwidth is subject to circuit design and in particular fibre last mile capacity.

• Interface:

RJ45 bridge.

• VLAN:

VLAN support available if required.

• Service Level Agreement:

Latency: One way frame delay - subject to physical design.

Errors: Frame loss under 0.001% within network.

Jitter: Negligible within network.

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

• Management:

All links are fully managed.

• Redundancy:

Can be provided including automatic failover via secondary link or VPN over internet

• Acceptance Testing:

Tested to RFC2544 end-to-end including throughput and SLA parameters. Customer protocol-based tests also run at layer 3+ to ensure that service settings are correct.

