Generic Ethernet Access (GEA)
Business-Grade Connectivity

amatis

GEA represents the latest evolution of Ethernet connectivity technology. It combines true business-grade Ethernet connectivity with presentation at the customer site using FTTC technology, resulting in cost-effective symmetric bandwidth.

amatis' GEA is perfect for home workers and for smaller branch offices on a WAN (Wide Area Network) because, unlike ADSL technologies, it is able to support end-to-end QoS (Quality of Service) with guaranteed speeds. As organisations increasingly combine voice onto their networks and the exponential growth of video use within companies continues, ADSL cannot deliver these throughput and quality guarantees.

amatis' GEA is delivered at a fixed and guaranteed upload and download speed of up to 20Mb/s, making it suitable for converged communications networks. It is also extremely cost-effective as a back-up connection for higher-bandwidth primary connectivity as it supports all the same features.[1]

GEA is not yet available everywhere, although there is an on-going roll out program throughout the UK.

GEA is enabled on an existing PSTN line in a similar fashion to ADSL. Unlike ASDL, however, speed is only distance-dependent from the local cabinet. The GEA service is not provided over the general ADSL network but uses a separate, business-only Ethernet delivery. This means there is no contention on the service so customers will always get the performance they are paying for.

The amatis GEA service is backed up by an 8 hour service restoration SLA meaning that, in the unlikely event of an issue, customers can be sure their connectivity will be restored quickly.

Another key benefit of the amatis GEA service is that provisioning lead times, compared to other Ethernet access technologies, are significantly shorter at 15 working days.

The service is delivered as a managed end-to-end solution using amatis Managed Hardware and is not available as wires-only.

The amatis difference

As a business-only service provider, amatis understands how important dependable connectivity solutions are to customers. amatis Networks GEA services feature:

- Symmetric bandwidth, uncontended and guaranteed
- Full support for end-to-end QoS on MPLS networks
- 8 hour service restoration SLA on a 24x7 basis
- Static IPv4 and IPv6 addresses as standard for securely connecting into corporate networks
- 15 working day lead time
- Location-independent fixed pricing

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