

Network convergence for efficient multiple use of voice, data and internet communication within a single network

Our Stripe 21 Data Services portfolio offers guaranteed solutions across any of the leading access network technologies available in any geographic area around the world. As a result, Stripe 21's Wide Area Networks are the leading choice for provisioning managed connectivity services to both national and international destinations.

Converging Voice, Data and Internet communications over a single multi-purpose network ensures more effective communication, making each technology element faster and ultimately providing cost savings. The use of multiple communication modes in a single network also offers convenience and flexibility which is not possible with separate infrastructures.

We offer combined Voice, Data and Internet services over various types of connections depending on local availability. We guarantee Quality of Service for all our VoIP applications. A single, managed connection to deliver all communication solutions reduces costs and increases speed and reliability whilst load-balancing ensures maximum resilience and performance.

Where higher upload speeds are required, we provide Voice, Data and Internet over Ethernet First Mile (EFM). This is a mid-range Ethernet service at either 10Mb/s or 20Mb/s delivered over standard BT copper lines, but able to support multiple VLANs at OSI Layer 2. This enables us to securely deliver multiple services independently of each other on a single physical connection. This provides much more efficient utilisation of bandwidth and therefore much lower costs. Where higher network speeds are required, customers will need a fibre optic connection into their premises, giving them fibre optic data transfers speeds of up to 1 Gigabit (GigE) per second.

For symmetric bandwidth requirements beyond the maximum 20Mb/s available on the managed EFM service, we can deliver the same services over a fibre optic connection. The entry level is 10Mb/s on a 100Mb/s bearer, through 100Mb/s and on to symmetric speeds of up to 1000Mb/s (GigE) if required.

Facts:

Stripe 21 are a leading choice for provisioning managed connectivity services to both national and international destinations.

Stripe 21 guarantee Quality of Service for all VoIP applications.

All our services are monitored on our NOCC 24/7/365 and our Service Level Agreement is unrivalled amongst our competitors.

Benefits:

Voice, Data and Internet over Broadband ADSL2+

- Load-balanced for resilience and performance
- Single managed connection to deliver all services
- Reduced costs
- Speed and reliability advantages

Voice, Data and Internet over Ethernet First Mile (EFM)

- Symmetric mid-range 10Mb/s or 20Mb/s ethernet service
- Uncontended 1:1 leased line - OSI layer 2 connection VLAN capable
- Guaranteed Quality of Service for VoIP applications
- Single managed connection to deliver all services
- Reduced costs
- Speed and reliability advantages

Voice, Data and Internet over Ethernet 10/100/1000Mbps

- Delivered over fibre optic connection
- Entry level 10Mb/s on 100Mb/s ethernet over fibre bearer
- Symmetric speeds up to 1Gigabit per second (GigE)