Reliable connectivity is now a business-critical function for all organisations, and the way this connectivity is used has transformed communications and efficiency - E-mail, remote working, mobile users, VoIP (Voice over IP) are all technologies taken for granted on a daily basis.

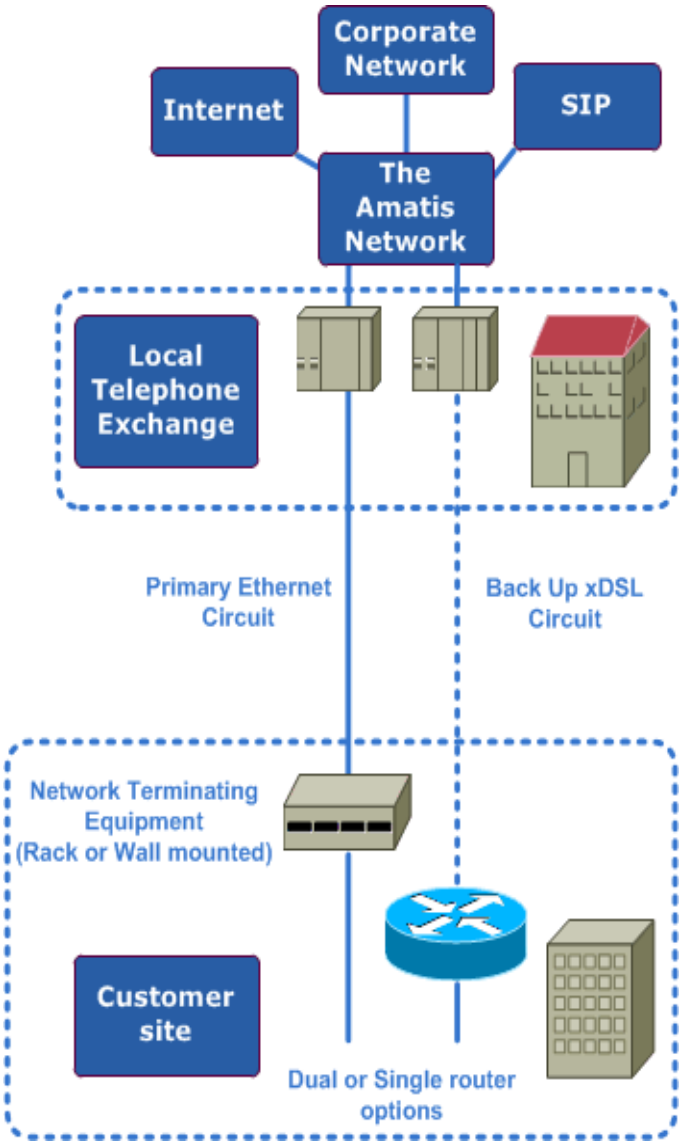
However, even the most reliable circuits can occasionally develop faults and this can have a severe impact on an organisation's ability to deliver service to its customers. To mitigate the impact of a connectivity failure, many organisations are now putting cost-effective secondary links in place to ensure business continuity.

Back up circuits are not new to the market but recent advances in technology mean that these links are now more cost-effective than ever. Another historical issue was that, in the event of failure of the primary circuit, the limited bandwidth available meant performance was completely unacceptable. This is no longer the case in many instances.

At amatis we understand and recognise that these types of faults or the incorrect back up can impact businesses, so we have designed a high speed cost-effective solution to solve this problem.

With any of our Ethernet or EFM circuits we now include the option of the following back-up solutions

- **FTTC Backup***
  (Up to 78Mbs download / 19Mbs upload)
- **ADSL Backup (M)***
  (Up to 16Mbs download / 2.5Mbs upload)



*subject to availability. Bandwidth achieved will vary depending on distance and quality of copper being used – PSTN not included

How do amatis Backup circuits work?

The backup circuit would be configured in parallel to the Primary amatis EFM or Ethernet circuit, both the circuits would then share the same IP addressing. In the event of line failure the secondary line will take over the traffic within a few seconds.

This solution will increase uptime and resilience for organisations which run business critical services over IP

Benefits at a glance:

- Automatic fail over between different technologies
- Automatic fail back when the primary circuit is brought back into service
- Cost-effective
- High speed bandwidth
- Diversely routed at the local exchange. amatis Ethernet and EFM services terminate at the local exchange into one set of termination equipment whereas FTTC and ADSL services terminate into different equipment. From these termination devices the data is then routed over separate networks and handed back to the amatis Core Network over resilient interconnects. This diversity adds additional high availability and uptime to the end customer
- Same IP addresses on both circuits
- The primary circuit and secondary circuit can either be terminated into a single router or two routers to provide even more redundancy