



Implementing an MPLS circuit

DATANET.CO.UK Case Study - ABSL Power Solutions

Company Background

ABSL Power Solutions provide leading edge portable power solutions to the world's most demanding sectors including defence, space and marine.

Providing such solutions to these sectors means continually developing new products in order to stay at the forefront of their industry.

ABSL researches, designs, develops and manufactures advanced Lithium-ion cells, intelligent battery packs and SMART chargers for use on the move.

A long time industry leader, their formidable reputation is based on the patented Lithium-ion materials technology that forms the core of their products and services.

Company Issue

ABSL Power Solutions has a workforce of over 140 employees, divided between three sites in Glengarnock, Abingdon and a head office in Thurso. Their locations are diverse but all sites need to be linked by high-speed, reliable, secure connections.

The existing WAN connections were no longer meeting the requirements of their growing business and ABSL were looking for an industry leading solution that would grow with them in the future.

All three sites needed to be able to connect to each other to exchange emails, share documents and make telephone calls using VoIP. These heavy demands meant that traditional DSLs were not enough and leased lines were not economical due to the huge distance between locations.

The Solution

Datanet was approached by ABSL to advise them on suitable connectivity options. As a large, multi-site company wishing to have a highly robust, secure and dedicated line for their sites, the ideal solution was an MPLS (Multi Protocol Label Switching) circuit.

MPLS is a leased line equivalent service that gives Quality of Service, a technology that allows packet prioritisation depending on type of packet and who they are sent by or to. It is ideal for businesses that require large amounts of bandwidth and fast upload and download speeds. MPLS also benefits from a Service Level Agreement which offers 24-hour support.

Innes Beaton, MIS Network & Systems Administrator comments "Datanet's MPLS offering was an attractive alternative to the leased line solutions we were offered by other providers. We were presented with a solution that both met our needs and turned out to be more cost effective than the leased line options.

He adds "The help and advice we received from Datanet was first class. Our demanding time scale was met and the new network speeds are noticeably faster."

"The solution we have provided ABSL is both robust and flexible." said Datanet MD Conleth McCallan, "The three sites have different size connections going up to the MPLS cloud that can change and grow as the business needs require."