

PRODUCT SOLUTIONS

Bridged Ethernet Services

ISLE OF MAN

Our Bridged Ethernet service is an alternative solution to traditional private circuits provided locally. It is built on Sure's core MPLS network and offers a wireless connectivity solution for delivering IP Feed, Ethernet Connect or Private Circuit services.

This option offers local businesses in the Isle of Man the potential for cost savings – as an alternative to having to pay lease costs of a traditional fibre private circuit – or alternatively is ideal for those businesses looking to mitigate risks through carrier or physical diversity.



Bridged Ethernet Services

Key benefits

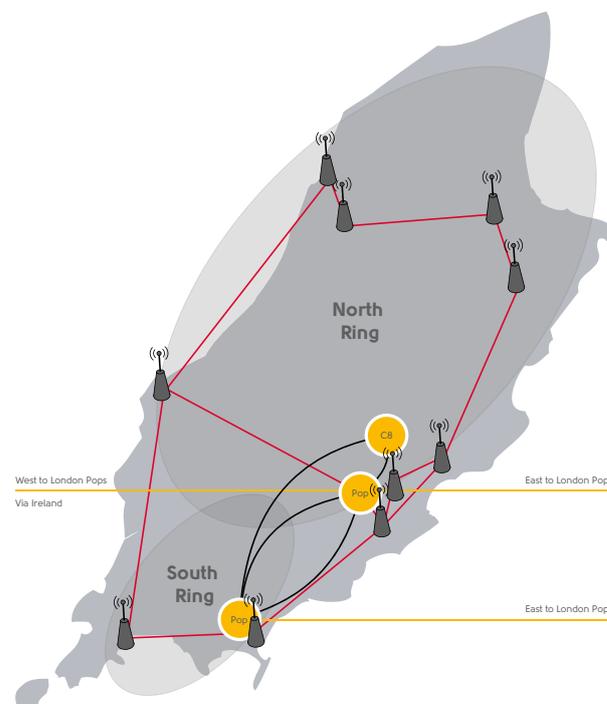
- Carrier diversity achieved by using two different local operators
- Physical diversity as Bridged Ethernet is a radio-based technology. This means it can be combined with traditional fibre circuits to the same site, offering additional resilience in the event of failure of the fibre circuit.
- Our prices are per site, making it beneficial for:
 - Multisite solutions
 - Bearer for IP Feed
 - Connection to racks in our Partner Data Centres
 - Connecting to IT service provider solutions
 - Tails for off-islands circuits with Sure
- Your bandwidth is controlled in our core network meaning:
 - We can offer you bandwidths not available on traditional fibre circuits such as 25/50/75Mb
 - Flexibility to increase bandwidth quickly and easily without a site visit or changing hardware, if additional capacity is needed
- Suitable for sites with limited access or no fibre duct. Only line of sight to a Sure mast is required and installation is fast as no digging is required
- Network-to-network interface is available for multiple connections to sites on our core network, reducing the requirement for carriers/ISPs to have multiple ports

Which services are available via Bridged Ethernet?

We can offer the following services via Bridged Ethernet's wireless technology

- **IP Feed**
 - Internet to customer premises
- **Ethernet Connect**
 - Dedicated Ethernet connectivity to off-island locations
- **Private Circuit**
 - Point to point link between two customer sites
 - Multi-point to point between multiple customer sites
 - Link to Data Centre from customer premises

How does it work?

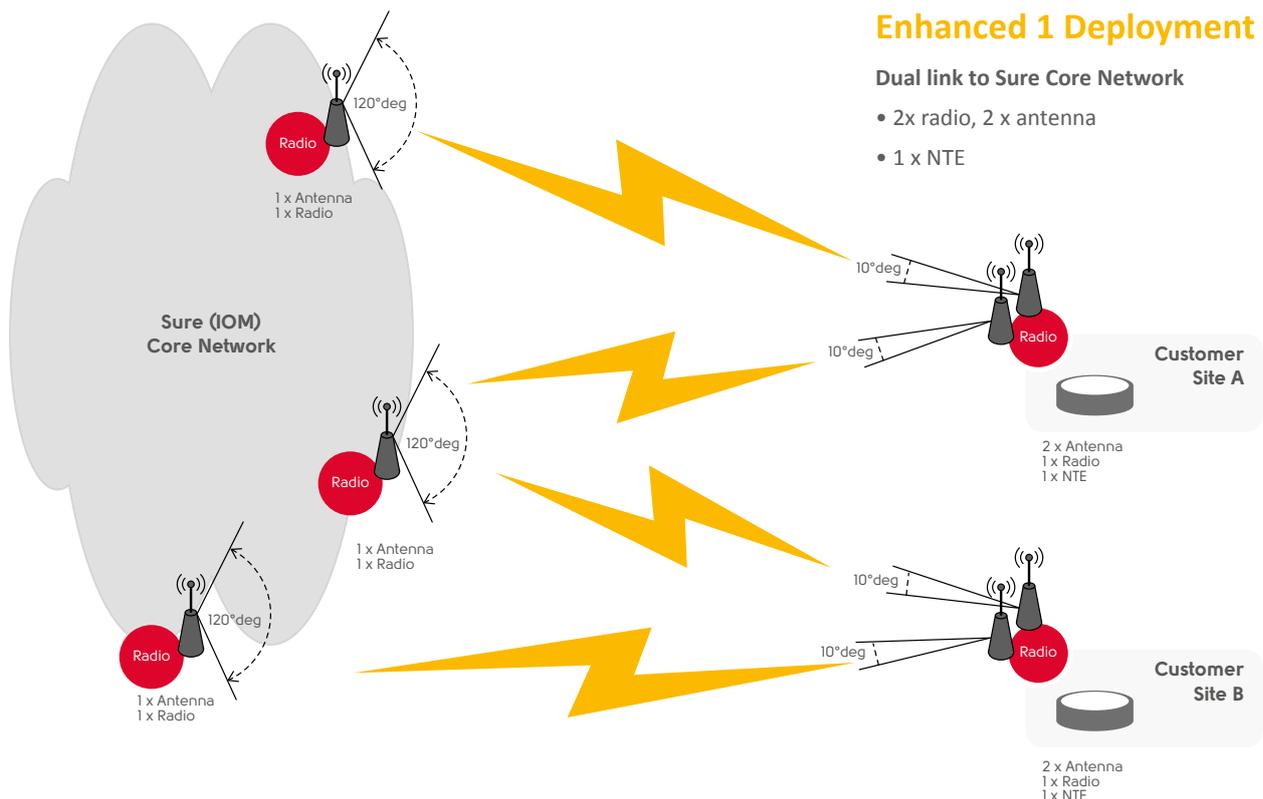
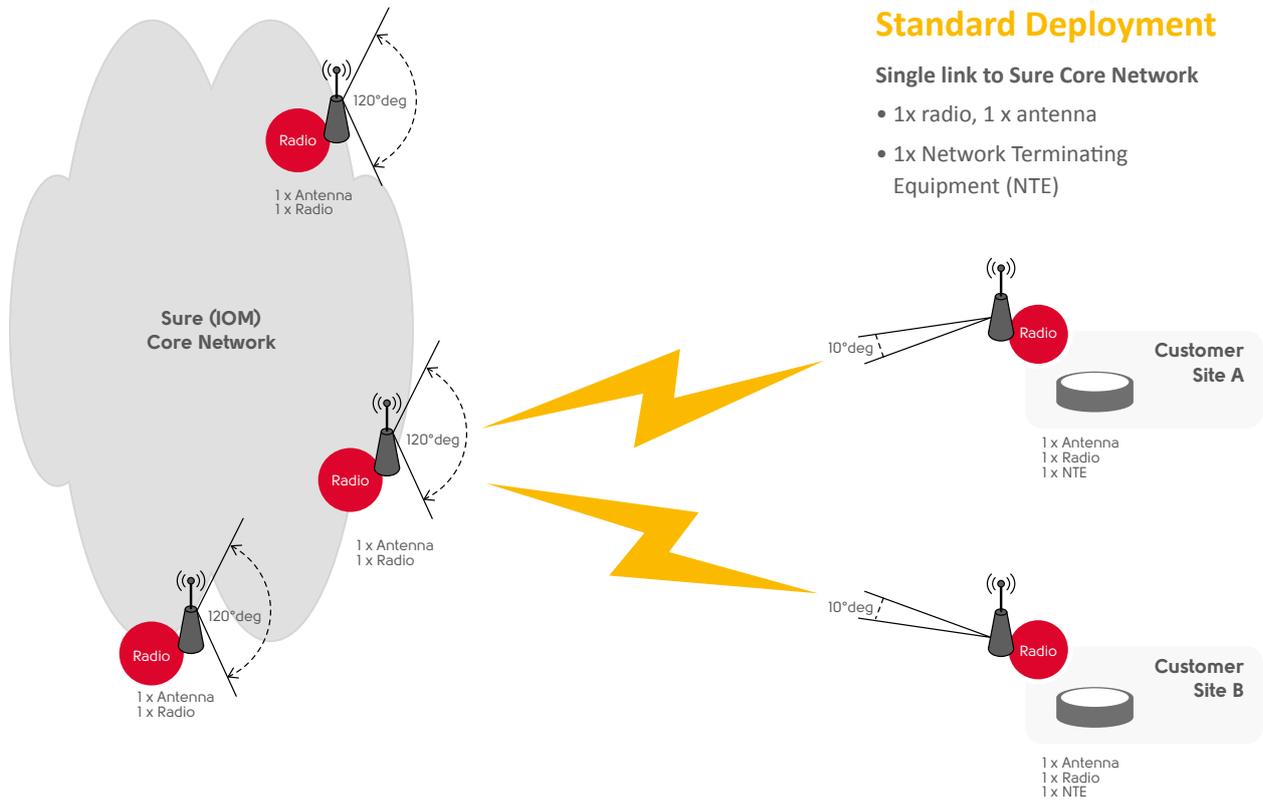


Sure's core MPLS Network comprises two interconnected and fully resilient rings covering the majority of the IOM

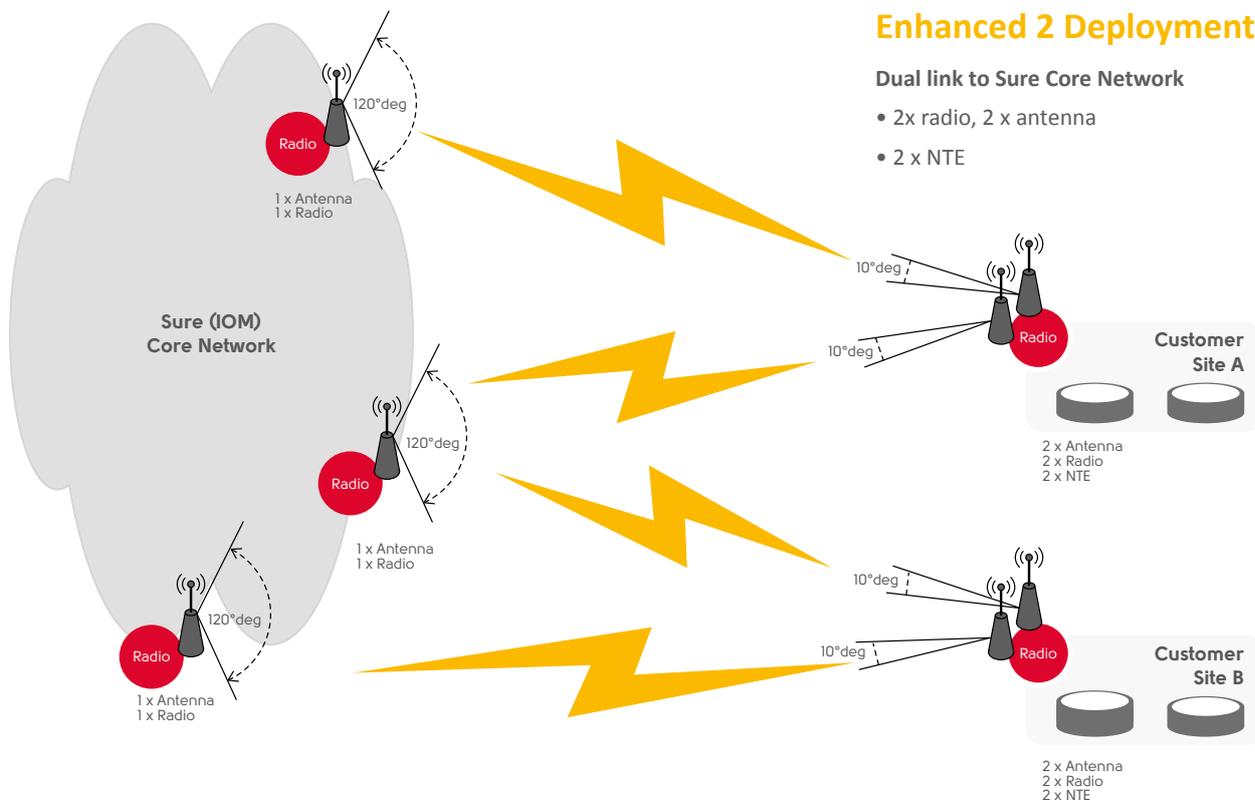
- North
- South

Bridged Ethernet Services

Each site is connected to the Core Network via line of sight Bridged Ethernet in three deployments
-standard, enhanced 1 or enhanced 2:



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Enhanced 2 Deployment

Dual link to Sure Core Network

- 2x radio, 2 x antenna
- 2 x NTE

Case study

Who: a local Isle of Man company needed a solution to improve upload capacity from their bonded ADSL.

What: having considered a copper line, fibre and a microwave solution, they chose the wireless solution offered by Sure, a new technology to the IOM to avoid having to pay lease costs of a fixed line.

How: when the kit was fitted, the link was tested between the main tower (Carnane) and the clients' building to make sure it was stable. A Sure network engineer was onsite to assist with programming their router/firewall to connect to Sure's gateway. The solution was then optimised to ensure reliability and remove latency.

Our client commented "Am I happy with the solution? Yes for upload/download, and also yes for the cost saving we have made when compared to the other alternatives available on the Isle of Man. The technology from my point of view is reliable, and I haven't seen any interference on the line (despite the lovely weather we have in the Isle of Man!). I also have the ability to flex the bandwidth upwards if I ever needed additional capacity in the IOM."

Next steps

Contact your account manager to discuss if this solution is right for your business, and to arrange for a no-obligation site survey.



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