

Private Circuits

GUERNSEY

Our point to point Private Circuits provide dedicated, always-on, fixed bandwidth connectivity between two points; allowing your business to transport data, internet or voice traffic.

Private Circuits are incredibly cost effective, particularly if you tend to exchange large volumes of data between your company's sites or a valued business partner.

You can choose the connection that best fits your business needs - Standard (SDH) or Ethernet. Both allow you to connect locally on Guernsey and off-island across the Channel Islands, UK or worldwide.

Key features

- Connect computers and information systems enabling data transfer for real time applications
- Link separate local area networks (LANs) to create large LANs or wide area networks (WANs)
- Replicate data off-site for disaster recovery purposes
- Connect securely to other companies, information providers or data networks
- Standardise communications across your organisation

Private Circuits

So Why Choose a Private Circuit

- No hidden costs, budgeting is easy as the service is based on a fixed price
- Dedicated bandwidth between the locations for secure connections
- Availability and repair times backed up by our service level guarantees
- Service is delivered over a resilient, carrier class, core network backed by local engineering support

Benefits

- You can choose the connection that best fits your business need - Standard (SDH) or Ethernet
- Flexibility, Ethernet provides simple and cost-effective upgrade paths for extra bandwidth
- No hidden costs so budgeting is easy as the service is based on a fixed price
- Dedicated & secure bandwidth between your chosen locations
- Availability and repair times backed by service level guarantees
- A resilient, carrier class, core network backed by local engineering support
- Create solutions with increased network resilience by using multiple private circuits

Connectivity options

Standard

Our Standard private circuits provide point-to-point connectivity at the following speeds:

- 2Mb
- 45Mb
- 155Mb

Ethernet

The most widely-installed type of Private Circuit, Ethernet is an industry standard communications protocol; with on island bandwidths available at the following speeds:

- 10Mb, (also to Alderney & Herm)
- 100Mb, 155Mb
- 1Gb, 2Gb, 4Gb and 10Gb

We also provide off-island bandwidth to the UK at:

- 10Mb
- 100Mb and pan Channel Island bandwidth at:
 - 2, 4, 6, 8 and 10/10Mb
 - 10, 20, 30, 40, 50 and 100/100Mb

Off island Ethernet is available via our Ethernet Connect solution; please see the separate fact sheet for more details.

Why choose Sure International for private circuits?

We have a proven track record in providing and developing Private Circuits and its core network design is based upon the following:

- Global reach, we can provide solutions both locally and to anywhere else in the world
- Lower TCO (total cost of ownership), our pricing will always be competitive and offer best value for money
- We comply with ITUT recommendations and other relevant standards to ensure quality and compatibility
- Our off island standard product uses connectivity based upon a Synchronous Digital Hierarchy (SDH) optical fibre ring with separated connections between offshore locations providing automatic service restoration and resilience (see our separate factsheet on Ethernet Connect).
- Locally based spares with trained engineers to ensure service continuity.

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Technical specification

| Service | Bandwidth | Termination ITU Standard |
|----------------|---|--|
| Standard (SDH) | 2Mb, 45Mb, 155Mb | G703, RJ45 X21, STM1 (electrical / optical) |
| Ethernet | 2, 4, 6, 8, 10/10Mb 10, 20, 30, 40, 50 and 100/100Mb 1Gb, 2Gb, 4Gb and 10Gb | RJ45 SC Multimode Multimode LC IEEE 802.1, 802.1Q 802.2, 802.3, 802.1d 802.3u, 802.3z X.3230-1994(FC-PM) |



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