

# An added level of security to protect sensitive data

Security has become one of the biggest challenges facing financial services organisations. We know the fallout from a security breach can be devastating – and even low level breaches are likely to impact your brand reputation and customer confidence. That's why our network infrastructure is highly secure. And for added peace of mind we have an encryption service that can ensure the confidentiality of your most sensitive data.

BT Radianz Encryption can help you reduce risk and comply with regulatory data protection requirements without the hassle and cost of maintaining an in-house solution. Our data encryption service will protect your sensitive data from potential attacks and keep it confidential when in transit between you and your counterparties.

We'll take care of everything from installing encryption gateways on-site and managing all the gateway rules to monitoring your connections proactively 24x7, ensuring your data is protected in transit. And, as a scalable solution, BT Radianz Encryption can handle a large throughput of data.

For most data exchanged between counterparties, our built-in network security is more than enough. But in some situations a greater level of security is required. BT Radianz Encryption will enable you to exchange information with your counterparties using a secure, confidential channel to provide an enhanced level of data security for applications that demand it.

## **Our data encryption service:**

- protects your sensitive data from potential attacks and keeps it confidential when in transit between you and your counterparties
- enables enhanced security to be applied to your sensitive data by encrypting data in transit
- is fully managed and easy to set up and operate
- lets you take advantage of our advanced global threat monitoring capabilities and security specialists
- means we maintain all your configurations and firewall rules
- offers you scalable configurations which support alternative network topologies
- is available over our Radianz Cloud.

# Supporting the world's largest secure networked financial community

From pre-trade, through trade and execution, to clearing and settlement, we are at the forefront of providing innovative IT products and services specifically tailored to the financial services market.

BT Radianz Cloud supports a connected global community of many thousands of financial customer locations around the world, providing connectivity to over 400 of the world's leading financial service providers including brokers, exchanges, market data sources, analytics, clearing firms, and other financial services providers, and access to our vast portfolio, including BT Radianz Encryption.

## Features

### Multiple services over one connection

The ability to “mesh” services means that a single infrastructure can carry a mix of multiple encrypted services along with non-encrypted services.

### Choice of resilience

There are multiple levels of resilience to choose from, depending on your availability, back-up and redundancy needs.

### One-stop shop

We supply and install the devices you need to provide the encryption and tunnelling functions. We'll do this on-site and get everything up and running for you.

### Fully managed

Our technicians will monitor and manage your encryption service 24x7 from our operations centres around the world.

### The technical bit

- certified to IPSEC FIPS-140 level 2
- encryption to ICSA IPSEC standards using AES 256 bit key length algorithms
- data integrity to HMAC-MD5 – ensures the data remains encrypted in transit
- confidentiality – provided by means of IPSEC tunnelling and encryption
- end-to-end dynamic routing – local presentation of Static RIP, EBGp and IBGP protocols
- supports active/backup and active/active topologies
- tunnel NAT grouping removes overlapping addressing.

## Why choose us?

BT's Global Services division is a world leader in managed networked IT, providing services to thousands of customers with operations across the globe.

We have over 30 years' experience of providing network-centric, mission-critical data, voice and hosting services for the financial community and our solutions cover the entire the trade cycle and range of trading strategies.

## What could BT Radianz Encryption do for you?

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Offices worldwide.

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