Add even stronger security to protect your sensitive data

Security is one of the biggest challenges facing financial services organisations. Fallout from a security breach can be devastating – even low-level breaches are likely to affect brand reputation and customer confidence. That's why our network infrastructure is so secure – but BT Radianz Encryption provides another level of protection for your most sensitive 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.

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 or enabling and managing the routers for encryption, through to ensuring your connections are monitored 24x7 to ensure your data is protected in transit.

And you can be confident that BT Radianz can scale to handle large volumes of encrypted data – so you can exchange information with your counterparties using a secure, confidential channel, with an enhanced level of data security for applications that demand it.

The benefits of Radianz Encryption

- Multiple services over one connection
- The ability to carry encrypted and non-encrypted services over a single infrastructure
- There are multiple levels of resilience to choose from, depending on your availability, back-up and redundancy needs
- We supply and install the devices needed to provide the encryption and tunnelling functions. We'll do this on-site and get everything up and running for you
- Our technicians will monitor and manage your encryption service 24x7 from our operations centres around the world.

Supporting the world's largest secure networked financial community

From pre-trade, through trade and execution, to clearing and settlement, we're 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. We supply connectivity to more than 400 of the world's leading financial service providers – including brokers, exchanges, market data sources, analytics and clearing firms – and access to our vast portfolio, including Radianz Encryption.

Features

- Enables enhanced security to be applied to sensitive data by encrypting data in transit
- Fully-managed service that is easy to deploy and operate
- Option to have dedicated encryption gateways or router based encryption solutions
- Scalable configurations are available which support network topologies including:
  - Point to Point Encryption,
  - Hub and Spoke Encryption,
  - Encryption to Public Cloud providers.

The technical bit

- Encryption to ICSA IPSEC standards using AES 256 bit key length algorithms.
- Data Integrity to SHA256 – ensures the data remains unchanged during 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 & Active/Active topologies.
- Tunnel NAT grouping removes overlapping addressing.

Why choose us?

Our Global 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.

BT Radianz supports a connected global community of many thousands of financial customer locations around the world, providing connectivity between various locations for the world's leading financial service providers including brokers, exchanges, market data sources, analytics, clearing firms, and other financial services providers.

What could BT Radianz do for you? Visit bt.com/radianz

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