

# In-flight protection for your sensitive data

## Colt In-Flight Encryption

### Benefits at a glance

- Protect all sensitive business data transmitted over the network
- Keep your security at maximum strength – while allowing your mobile workers to access important files via dial-in, the Internet, Wi-Fi or Mobile 3G
- Avoid the risk of eavesdropping, manipulation and other threats
- Enjoy secure and reliable connectivity – without harming performance, latency or bandwidth
- Maintain customer confidence and ensure regulatory compliance
- Free up resources for your core business while Colt's experts provide the support you need
- Enjoy peace of mind from a provider that is ISO/IEC 27001 certified and follows ITIL best practice.

To maximise agility and performance, today's enterprises need easy and immediate access to important data, wherever it resides across their business.

Sensitive files are accessed and transferred from one company site to another. Mobile workers also need the easy access to the company network, applications and data.

However, every time sensitive data is transmitted from one location to another, it is at risk. Eavesdropping and other attacks are growing in sophistication, and those enterprises targeted can remain totally unaware of what is happening.

### Advanced protection

With Colt, all your data can be exchanged securely. You can maintain performance, customer confidence and ensure regulatory compliance, thanks to our In-Flight Encryption.

### Site-to-site encryption

Colt offers a card-based, plug-and-play solution for In-Flight Encryption across your fibre optic infrastructure. Available as a managed service, this approach affords greater flexibility, combining strong security with easy operation and administration. A monthly fee is combined with your bandwidth charge. Colt provides support and Service Level Agreements (SLAs), while you monitor your security and retain total control of your encryption keys via a network dashboard.

Our encryption is military-grade, using algorithms with a key length of 256 bits that re-generate every few minutes. Performance and latency problems are avoided, while available bandwidth can be utilised at levels greater than 99.9 %.

### Enabling Workforce Mobility

Our In-Flight Encryption works just as effectively, whichever method your remote workers choose to access your network:

- All Internet-borne data is encrypted: you choose between IPsec or SSL encryption.
- Authentication is required to access the service. The authentication phase for Wi-Fi is encrypted by using SSL. Additional, strong password encryption is used for the majority of Wi-Fi and dial-in venues.
- Authentication is required to access your network through an IPsec or SSL encrypted tunnel.
- Access to Colt's end-user administration web-portal is encrypted by using SSL (https).

### Why Colt?

In-Flight Encryption is an important part of Colt's holistic approach to security. Our Security Services can create a total framework to protect your enterprise. We provide full lifecycle management, so you can keep pace with technology, stay ahead of the latest threats and reduce your total cost of ownership.

We own the largest managed terrestrial network across Europe, with 25,000 km of fibre, connecting more than 100 cities. We also have significant IT infrastructure and services, with 19 data centres and world-class expertise in creating integrated IT managed services and networking solutions.

### Discuss or simply find out more

To arrange a consultation, discuss what Colt can help you achieve, or to simply find out more, please contact your local Colt Account Manager or visit [www.colt.net](http://www.colt.net)