

ENCRYPTION **in a little more detail...**

What exactly is 'Encryption' in a nutshell?

The basic principal of data encryption is to convert selected information into a form that cannot be read or understood by an unauthorised person. The information can then be decrypted by authorised personnel when required, by means of a decryption key.

What are the different types of Encryption available and which one is right for my business?

Encryption of important business data, financial information, client information or customer/patient records can be facilitated by technology solutions in many different scenarios. This can depend on specific business requirements, industry standards and legislative compliance and can range from hard disk encryption of a laptop, desktop computer or removable storage media device, through to email transmissions, web usage, wireless communications and data stored in the cloud.

What issues might I face when implementing an encryption solution?

Whilst the encryption of data in principal is invaluable as an additional layer of security, the setup and management of a solution can provide the IT Department with many challenges. This can often be greeted with hostility from the users, who can view this extra layer of identification as a burden and as being counterproductive to their ability to work efficiently.

What happens if another employee needs legitimate access to that data in a customer sales presentation but doesn't hold the decryption key? What does a user need to do if they have forgotten the key and they are unable to access their laptop? The answer is that the user will attempt to find a way to bypass the restrictions or inevitably put in a call to the helpdesk thus adding to the IT operations workload and causing delays for the user.

How can Data Connect help me to meet these challenges?

Data Connect have an extensive portfolio of encryption solutions that will assist the IT Department with central management and distribution, create acceptable working practices for your employees and ensure industry compliance as well as the minimisation of business risk.

Our experienced consultants are available to work with you to develop a practical and compliant encryption strategy, with a technology solution that is affordable and flexible to adapt and scale to changing requirements.

I want to know more - what do I do next?

Call us today for an informal chat and we can talk you through the encryption options available and tell you more about how we can help.

T: 08707 560590 F: 08707 560589

info@dataconnect.co.uk www.dataconnect.co.uk

