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Data Encryption

What is Data Encryption?

Encryption helps protect data you send, receive and store on any device. It scrambles readable text so it can only be read by the person who has the secret code, or decryption key. Providing data security for sensitive information.

Preventing Data Hackers from stealing your information.

Data Hackers

- *Steal your private data*
- *Use encryption against you*
- *Sell your sensitive information*

Vast amounts of personal information are managed online and stored in the cloud or on servers with an ongoing connection to the web. Personal data is everywhere.

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Why does encryption matter?

Data Encryption is very important. Here are three reasons why:

- Internet privacy concerns are real - Protect your online privacy.
- Hacking is a big business - Data breaches happen everyday.
- Regulations demand it - Certain industries require protection.

How do they work?

Encryption is the process of taking plain text, like a text message or email, and scrambling it into an unreadable format — called "cipher text." This helps protect the confidentiality of digital data either stored on computer systems or transmitted through a network like the internet.

Both the sender and the recipient have to use a "secret" encryption key — Algorithms that scramble and unscramble data back to a readable format.

ARE YOU CYBER SAFE?

Test your defences by booking your free Cyber Security assessment today.

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Book now:
s2-computers.co.uk/assessment

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