



Ecommerce 

What does the term ecommerce mean?




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Ecommerce 

Ecommerce stands for 'electronic commerce'


It means to buy or sell goods and/or services online




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With your partner, think of at least five different things which are sold online




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Shopping - Today 

- Books - Amazon
- Music – downloads
- Food/groceries – Tesco
- Clothes – Next, River Island
- Holidays
- Auctions – ebay
- Tickets for shows, concerts, trains
- Subscriptions to websites


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Ecommerce 


Why might a customer be concerned about using their credit card to buy something online?



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Customers might be worried that someone could intercept and steal their credit card details while they are being sent across the internet.



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To ensure that credit card details can be transmitted safely, online shops use encryption techniques.




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Web browsers are able to encrypt your purchase details using an encryption method called

Secure Socket Layer or SSL.



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SSL gets switched on when you visit a 'secure server' that has an address that starts with HTTPS:// (note the 'S').

<https://www.riverisland.co.uk>

You also know this is switched on when a small padlock appears in the bottom right of the browser.



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- Encryption works by scrambling the original message with a very large digital number (key).
- This is done using advanced mathematics.
- Commercial-level encryption uses 128 bit key that is very, very hard to crack.
- The computer receiving the message knows the digital key and so is able to work out the original message.

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