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Picture passwords to help fight cybercrime





A recent survey revealed around 1 in 6 people use the same password for all their online accounts.

Each year identity theft affects more than 100,000 people in the UK and drains a massive 1.7 billion pounds from the economy. Security experts computer passwords to stay protected, but it can be hard to keep track without writing them down - hardly

Now experts from Newcastle University have discovered that new picture password software could

'Many people have lost money or sensitive personal information because their text password was cracked,' says Jeff Yan, a computer security expert at Newcastle

'Most of us have forgotten a PIN or a password at least once, which is why we tend to make them so easy to guess. However, the human mind has

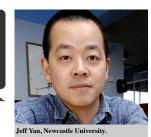




Image: Christophe Libert/Stockxchng

Jeff and his colleagues have tested their new picture password technique on 67 people. The system involves sketching a simple design on top of a background image. Computer software tracks how a person draws his or her doodle, rather than just looking at the end result.

technique's success - it helps people remember where to start drawing and

After creating their secret password images, the volunteers were asked to draw them again a week later. Jeff and his team found that 95% of people could re-create their doodle within three tries. The picture passwords were also over 1000 times more



Not artistic? Not a problem. 'Most people drew simple everyday objects such as cars, cups and houses,' says Jeff, who presented his findings this

Image: Newcastle University



Many laptops have a touch screen of some

Where could we use picture passwords?

Other experts are impressed by the potential of picture passwords. 'They remember than normal passwords, particularly for people with dyslexia or who can't read or write well,' consultant to the British Computer

'It's much harder to take a password off someone if it's a picture in their mind. You can look at

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