

# Twitter toughens encryption to stop online snooping

SAN FRANCISCO, USA: - Twitter has announced it has toughened the encryption of traffic to thwart online snooping at the globally popular one-to-many messaging service.



Twitter is improving its online security to prevent snooping. Image: Stuart Miles [Free Digital Photos](#)

Twitter followed in the footsteps of Google and Facebook, adding a layer of security called Perfect Forward Secrecy to protect data that users would like kept secret.

"On top of the usual confidentiality and integrity properties of HTTPS, Forward Secrecy adds a new property," Twitter explained in a blog post.

"If an adversary is currently recording all Twitter users' encrypted traffic and they later crack or steal Twitter's private keys they should not be able to use those keys to decrypt the recorded traffic," it said.

The non-profit Electronic Frontier Foundation is among online rights champions who advocate kind of added protection or personal Internet traffic, according to San Francisco-based Twitter.

"We are writing this not just to discuss an interesting piece of technology, but to present what we believe should be the new normal for web service owners," Twitter said in its announcement.

"A year and a half ago, Twitter was first network served completely over HTTPS," the company added. "Since then, it has become clearer and clearer how important that step was for protecting our users' privacy."

US Internet companies, whose businesses are based on maintaining the trust of users, have been encouraged to strengthen privacy protection in the wake of disclosures of broad scale cyber spying by the National Security Agency.

Former NSA contractor Edward Snowden revealed US surveillance on a global scale, straining Washington's ties with key allies and putting pressure on Internet firms to show people that their online privacy is being guarded.

Among the disclosures were that the NSA uses tools for decoding data and saves encrypted information so that it can be unscrambled in the future.

Source: AFP via I-Net Bridge