

# Pretty Good Privacy

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**Domain:** Computer Security

## Abstract

With the increasing surveillance efforts on the Internet by various governments, the demand/need for privacy has also escalated. PGP empowers people to take their privacy in their own hands. It provides security services for electronic communication and data storage using a combination of strong public-key and symmetric cryptography. These services include confidentiality, key management, authentication, and digital signatures.

## Concepts to be covered in seminar:

- Basics of cryptography
- Services provided by PGP
- How PGP works

## References

- [1] J. Callas et al. *OpenPGP Message Format*. RFC 4880. RFC Editor, Nov. 2007, pp. 1–90. URL: <http://www.rfc-editor.org/rfc/rfc4880.txt>.
- [2] Network Associates, Inc. *An Introduction to Cryptography*. 1999. URL: <ftp://ftp.pgpi.org/pub/pgp/6.5/docs/english/IntroToCrypto.pdf>.