

Write a Short note on Encryption.

Encryption is the process of converting data to an unrecognizable or "encrypted" form. It is commonly used to protect sensitive information so that only authorized parties can view it. This includes files and storage devices, as well as data transferred over wireless networks and the Internet.

Encryption is also used to secure data sent over wireless networks and the Internet. For example, many Wi-Fi networks are secured using WEP, or the much stronger WPA encryption. You must enter a password (and sometimes a username) to connect to a secure Wi-Fi network, but once you are connected all the data sent between your device and the wireless router will be encrypted.



Or cyphertext is the result of encryption performed on plaintext using an algorithm, called a cipher. ciphertext is also known as encrypted or encoded information because it contains a form of the original plaintext that is unreadable by a human or computer without the proper cipher to decrypt it. The process of turning ciphertext into readable plaintext is the inverse of encryption, is decryption, to be confused with codetext is not because the latter is a result of a code, not a cipher.

What do you mean by Digital Signature

Digital Signature is

A digital signature is a mathematical technique used to validate the authenticity and integrity of a message, software or digital document. As the digital equivalent of a handwritten signature or stamped seal, a digital signature offers you more inherent security, and it is intended to solve the problem of tampering and impersonation in digital communications.