

# Types of Cryptographic Algorithms

# Definitions

## **One way algorithms**

Also known as message digests. No keys involved. Encryption cannot be reversed.

## **Symmetric Key algorithms**

The keys used for encryption and decryption are the same OR two-way mathematically related (can be derived from the other reliably)

## **Public Key algorithms**

Also known as asymmetric algorithms. The keys used for encryption and decryption are different but one-way mathematically related.