Cryptography.

↳ encryption and related Cryptographic mechanisms (hashing, digital signing) safe gaurd customer data and its integrity and prevent unathorized acess to it

Cryptographic Terminology

Encryption ⇒ process of encoding data in a way that only authorize parties can acess.

→ Encryption provides Confidentiali

but not integrity.

→ Data can be encrypted
  - at rest
  - at use
  - in transit.

Sensitive business and personal data
shall be encrypted at all time,
everywhere.

Common types of encryption Algorithm
  - Symmetric
  - Public Key.
  - Hash Functions.
  - Digital Signatures.