

# Data Encryption Transformations

Entrepreneurs Should Know About



Advancements in cyber attacks amplify the need for data encryption to keep pace.

In order to protect organizational data, entrepreneurs should be aware of following encryption techniques:

## The Honey Encryption Method

01

The hackers are given the impression that they have successfully stolen the data while the data they have breached is actually fake.



## Data Loss Protection

02

The data is automatically encrypted while on rest or when being transmitted. So, even if hacker penetrates the network, it doesn't matter because data becomes useless when taken off net.



## Quantum-Resistant Encryption

03

Advances in 'Quantum Computing' will provide the required computing power to the hackers for cracking current encryption algorithms. So, be prepared with flexible environments to switch to quantum-resistant encryption.



## End-To-End Encryption (E2EE)

04

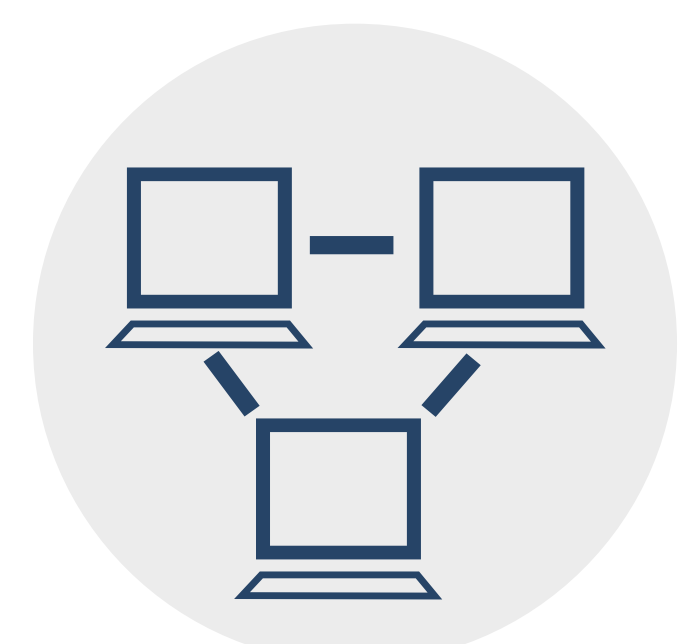
When data is stored on cloud, E2EE ensures that it is always encrypted and only end-users are in command of the decryption keys.



## Moving Target Defense (MTD)

05

It involves developing a decoy network to misguide the attackers at different layers of tech stack.



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