

Security Awareness

Information security is the practice of protecting information, particularly in its electronic form, from unauthorised access, use, disclosure, disruption, modification or destruction.

“Security is the responsibility of everyone” is a widely used phrase in information technology these days, which reflects both the huge growth of information technology and the risks associated with it. Thus, the importance of Confidentiality, Integrity, and Authenticity (CIA) of information is now emphasized by both the public and private sectors.

Awareness of the threats that may jeopardise CIA is therefore paramount, as the European Network and Information Security Agency points out, ‘Awareness of the risks and available safeguards is the first line of defense for the security of information systems and networks.’

By 2020, there will be approximately 200 billion connected devices, which shows the size of the industry and its importance towards overall growth. Importantly, research suggests that almost 43% security breaches happen internally, hence the importance of security awareness. Users play a key role in the prevention of information security breaches targeting them and their organisations.

