Introduction



- Omni-presence of Information Technology
- Digital Transformations
- Diversity of Technology Landscape
- IT-driven Business Activities
- IT One of the Backbone of the Modern Business
- Dependency on IT

Cybersecurity – A Need of Time

- Large Threat Landscape
- Criticality of Business Information
- Increasing Cyberattacks
- Business Disruption
- Becoming A Victim Is Becoming Easy
- Competitor Market
- Damage To Reputation





Threats To Your Business

- Vulnerable IT Infrastructure
- Insufficient Security Implementation
- Lack of Awareness Especially WFH & Remote Access
- Lack of Access Control
- Lack of IT Security Activities
- Lack of Authentication & Authorization
- The Nightmare of Spear-phishing



Cybersecurity – Why ?



- Vulnerabilities & Weaknesses
- Importance of Critical Data
- Everyone Is A Potential Target
- Benefits To Cyber Criminals
- Hacktivism & State-sponsored Attacks
- The Price Is Too High !



- Protecting Critical Data
- IT Infrastructure Security
- Device & Endpoint Protection
- Strengthening The Perimeter
- Firewall, Antivirus & Antimalware
- Cyber Awareness

Cybersecurity – How ?



- IT Infrastructure Security Assessment
- IT Audits
- Continuous Data Backups
- KYT & IT Inventory
- Incident Response
- Internal Awareness Exercises



- Firewall & Antivirus Is Not Sufficient Protection
- Not All "HTTPS" URLs Are Legitimate
- Security Controls Are Never 100% Adequate
- Passwords Can Be Cracked If Not Changed In 3 Months
- 90 % Of Malware Is Delivered Via Emails
- Small Businesses Have Almost Same Level Of Cyber Risks As Large Organizations
- Every Business & Individual Is A Potential Target

Cybersecurity Statistics



- Social Media Giants Facebook & LinkedIn Faced Data Breach
- Ransomware & APT Remain Top Risk Factors
- 6 Trillion Dollars Likely To Be Lost Due To Cyber Threats
- Vulnerabilities Continue To Be Found In Popular Software
- Over A Billion Data Records Stolen In First Quarter of 2021
- Covid19 Infrastructure
- WFH Trend Employees & Staff

How Is Your Cybersecurity Posture ?

- Are You Analysing Cyber Threats To Your Business?
- Are You Conducting Security Assessments?
- Are You Monitoring Your Devices, Software & Network?
- Are you Making Your Employees / Staff Aware?
- Are You Following Best Cybersecurity Practices?
- Are You Creating Secure Work Environment?
- Are You Changing Your Passwords Every Quarter?



Takeaways & Tips



- Hardware / Software Security Updates
- WiFi Security
- Password Policy
- Email Security
- Social Media Security
- Smartphone Security
- Corporate Website Security
- Financial Information Security