



Cyber-Threats High Technology

Cases

- Fraudulent certificates lead to bankruptcies and a national security breach
- Leading software company loses face – along with customer data and source code
- Vengeful hackers force a leading online platform to shut down for more than a month

Who? State Actors, Hacktivists, Insiders, Competitors

What? Research and development data, Personal Identifiable Information, Backdoor in critical products

Business Impact

- Loss of intellectual property and customer information
- Reduce a company's competitive advantage
- Great financial losses
- Reputation damage

Cyber-Threats Online media

Cases

- Email addresses stolen from an email service provider
- News website is the launch pad for a banking malware outbreak
- Readers redirected to fake news

Who? Cyber-criminals, Hacktivists, Script Kiddies

What? Trusted Information Resources, News website, Online Content

Business Impact

- Reputational damage
- Spread propaganda
- Manipulate public opinion

Cyber-Threats Telecommunications

Cases

- State-sponsored hackers launch privacy attack
- False claims do real damage to a major ISP
- Thief steals a laptop containing personal information of customers

Who? Script Kiddies, Cyber-criminals, State Actors

What? Customer Data, Intellectual Property, Communications Data

Business Impact

- Damage company's reputations
- Undermined customer trust
- Loss of confidential information of organization

Cyber-Threats E-Commerce & Online payments

Cases

- Lost customer data leads to lost trust
- Hacktivists strike back with a vengeance
- Thieves use stolen data to create their own credit cards

Who? Cyber-criminals, Hacktivists, Script Kiddies

What? Customer Data, Money, Card payment information

Business Impact

- Loss of trust, money and services
- Identity theft of customers
- Non-Compliance issues

Cyber-Threats Insurance

Cases

- Hackers steal personal data about customers - and potential customers
- Even small breaches can have a meaningful impact and require corrective action
- Targeted insurer accused of doing too little too late

Who? Cyber-criminals, Fraudulent Acts

What? Customer Data, Social security numbers, Creditcard information

Business Impact

- Tangible costs related to legal fees, fines, lawsuits, fraud monitoring costs
- Intangible costs such as customers' trust
- Customer compensation

Cyber-Threats Manufacturing

Cases

- Malware snares employee log-in credentials
- Worm grabs control of industrial plants
- Executive pilfers intellectual property from a competitor

Who? State Actors, Hacktivists, Competitors

What? Market Advantage, Intellectual Property, Industrial Control Systems

Business Impact

- Reputational damage
- Loss of a competitive advantage and production

Cyber-Threats Retail

Cases

- Weak wireless security provides an open door to attack
- Inside job goes undetected for years
- Hackers steal card data on millions of customers

Who? Cyber-criminals, Insiders, Contractors

What? Cardholder Data, Personal Data, Intellectual Property

Business Impact

- Damage company's brand
- Cut inside sales
- Fines and settlement costs