



# Difference between Information Technology & Information Security

## Information Technology Specialists

- IT personnel in house or external focuses on the operational side of the business, minimizing downtime, enhancing communication, facilitating information sharing and implementing technology making business processes more efficient
- IT personnel deal with IT planning, LAN/WAN design, hosted cloud services, and break fix issues
- IT is pretty much the vehicle that stores and transports data from one business unit to another and the IT personnel are there to make sure that process is not interrupted

## Information Security/ Cyber Security Specialists

- Information security professionals focus on protecting your business from internal and external threats keeping your company information secure
- Information security specialists are able to identify, understand and resolve configuration and security vulnerabilities before they are exploited by hackers or cyber criminals
- Information security specialists are responsible for securing an organization's communication, network, endpoints and employees.
- Common information security services include risk assessments, risk management, BC/DR, digital forensics, vulnerability assessments and IT audits
- Information security professionals have a deep understanding of security frameworks, regulatory bodies, local, state and federal digital privacy and breach notification laws
- Information security specialists have the ability to detect and respond quickly to potential data breaches

**Information security is growing more complex each and every year.** As networks grow and more devices go online, the threat landscape increases. IT risk is growing quickly and most organizations cannot keep up with the never ending and evolving new threats. The adversaries continue to change their tactics, techniques and procedures, develop new cyber weapons and share intelligence faster than organizations can modify their cyber defenses. More crime has shifted from the streets to the internet.

