SPIFFY CONSULTANCY SERVICES

(a unit of SPIFFY MULTI SERVICES)

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INFORMATION SECURITY
MANAGEMENT SYSTEM

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WHAT IS INFORMATION ?

➢ **It is the fact provided or learned about something or someone.**

➢ **It is an asset essential to an organization's business and needs to be protected.**

➢ **This information may be in different forms such as printed, written, electronic storage, posts, email etc.,**

WHAT IS INFORMATION SECURITY ?

➢ **Information security helps in protection of information and also the information systems from unauthorized approach, revealing, dislocation, modification, studying, inspection, recording or destruction, cyber attacks, hacks data leak etc.,**

➢ **It is the process of protecting an organization's data from unauthorized access or changes to ensure its availability, confidentiality and integrity.**

WHY INFORMATION SECURITY IS NEEDED ?

➢ **Most of the organization's, their information systems and networks are facing wide range of security threats such as,**

➢ **Computer – assisted fraud**

➢ **Sabotage**

➢ **Vandalism**

➢ **Fire / Flood**

➢ **Hacking**

➢ **Denial of service attacks**

WHAT IS AN ISMS ?

➢ **Information Security Management System (ISMS) is a set of procedures and policies that consistently helps managing an organization's important data**

➢ **The goal of an ISMS is to reduce risk and assure business continuity**

➢ **An ISMS distinctly handles employee behavior and processes as well as data and technology**

WHO NEEDS ISMS ?

Every organization which values information Information needs to protect it. Example –

➢ **Banks**

➢ **Call Centers**

➢ **IT Companies**

➢ **Government bodies**

➢ **Manufacturing concerns**

➢ **Hospitals**

➢ **Insurance Companies**

BENEFITS OF ISMS ?

➢ **Ensure through discipline**

➢ **Risk Management**

➢ **Secure environment**

➢ **Minimize security violations**

➢ **Increase in trust, customer confidence and business opportunities**

OBJECTIVES OF ISMS ?

Conservation of

➢ **Confidentiality : It is used to ensure that the information is available only to the authorized users**

➢ **Integrity : It is used to safeguard the accuracy, information completion and its processing methods**

➢ **Availability : It is used to ensure that the information and its critical services are accessible to authorized users whenever needed**

THANK YOU