RESEARCH ARTICLE

Business Model for the enterprise in the business of Information Security leveraging cutting edge technology practices

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Manuscript Info	Abstract
  *Corresponding Author **Ms. Ragita Ranjit**	A core aspect of business consists of infrastructure, offer, customer and finance. The types of business model include the following: utility, community, brokerage, advertising, merchant, affiliate, infomediary, subscription .In the entire stated business model with the development of Information Technology, technology holds its importance .All the model promotes Information Security as its greatest strength. With the involvement of third party in business of Information Security, technology used for protecting the data, information and security of the system has gained importance. So the article explains about creating a business model based on the best technology in different aspect of Information Security. The model helps to have business-to-security alignment. Information Security helps to build trust for using information technology. The model is built on the foundation of Information Security principles, standards and policies. There are many critical sections of Information Security success in terms of hacking, virus etc. The model is build considering the standard framework involving organization, people and technology .The paper explores the technology architecture of various technology used for information security.

INTRODUCTION

Business Model must be build considering the use of Information Technology in the modern world. Based on the current scenario the paper defines the business model considering the various technologies used to build the software which is used to protect the data or the information of the customer. The Information Security is important for the computer as a device; software used and in terms of privileges assigned to use the system. Cyber security introduces various control categories for security. Various technologies are used to build these control categories. The best technology and techniques add to the revenue element of the business model. The best technique once implemented will have long time benefit for the Information Security industry.

BUSINESS MODEL FOR INFORMATION SECURITY

To address the complexity of security, Business Model for Information Security was introduced.It promotes balance between protection and business.Business Model for the enterprise in the business of Information Security should be well balanced between technology, organization and people using the technology.
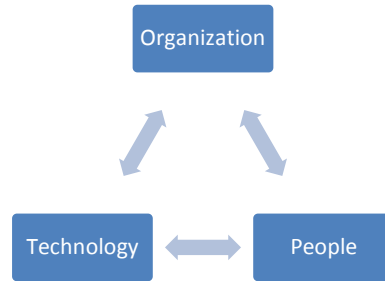
Fig. A.1, Business Model for Information Security

TECHNOLOGIES FOR INFORMATION SECURITY

Information Security is an important concern as the use of Internet has drastically increased .With this advancement misusing the information technology in the form of unauthorized access to systems, accessing sensitive information has increased.Technology is palying a vital role for Information Security in various aspects of communication and security.

The categories were the technology plays a vital role for controlling and maintaining Information Security are:

1. Access Control
2. System Integrity
3. Cryptography
4. Audit and monitoring
5. Configuration Management and Assurance

Material and Methods

The various upcoming technologies used based on the different categories are compared and the best technique is considered in terms of various criteria throughput, execution time, etc. The model is built based on this technology.

Result and Discussion

The comparative study of various technology used for Information Security is represented in terms of graph and tables. The business model for the Information Security is dependent upon technology. Good technology makes the business revenue strong and stable for a long time with only little updations.

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