Introduction

E-business implies the two aspects by way of electronic and the second is commercial activity. E-Business means transaction on networks such as internet which offers fast and effectively solution for realizing various kinds of businesses. In more general sense, we can say any business that uses computer. But today it is mostly done using World Wide Web, intranet, extranet or any combination of these. Businesses also have been engaging in a form of e-business known as electronic data interchange (EDI) for many years. EDI occurs when one business transmits computer readable data in standard format to another business. A good definition mentions the use of electronic data transmission to enhance a business process. IBM has defined Electronic business to be “the transformation of key business processes through the use of Internet technologies”. Today major corporations are rethinking their businesses in term of the internet and its new culture and capabilities.

Companies are using web to buy parts and supplies from other companies, to collaborate on sales promotion and to do joint research. For example the retail banking industries realized that relying exclusively on traditional price factors for competition was a questionable way to increase revenue and market share in the industry. This was due to the fact that two largest expenses incurred by banks are associated with the maintenance and overhead costs of branch networks and their associated human resources. Banks started relying on alternative strategies for differentiation, gaining competitive advantage and cost cutting. They changed to communicate and product delivery system by using internet.

The research is mainly concerned with the study in which, how we can make our electronic transaction more safely, protective and concern with research of security technology.
E-business need to provide safe services for participants. It is the main concern of electronic transactions. Safety regards to the risk security and trust associated by the participants in e-business. Requirement of development of trust, confidentiality of data and of privacy are key concern to e-business. Confidentiality is the extent to which businesses makes personal information available to other businesses and individuals. With any business, confidential information must remain secure and only be accessible to the intended recipient. This becomes even more difficult when dealing with e-business specifically. Protecting any electronic file or record from unauthorized access as well as ensuring safe transmission and data storage of such information. Computer and networks originally were built to ease the exchange of information.

What will information security be like in the 21st century? Networks are designed to sharing and distribution of data and information. Controlling access to these resources can become a problem because we need to balance the requirement for access to free information with the value of the content of that information.

Computer and networks originally were built to ease the exchange the information. Early information technology infrastructures were built around central computers or mainframe solutions while others were deployed around the personal computer. What some thought impossible became reality and today businesses are driven by the power of the personal computer with new possibilities for crime by stealing access to information and create disastrous effect on computers, networks or information. Keeping this fact in view the need for security arises to counter the security threats on business entities.