

ICT AND E-COMMERCE: AN OPPORTUNITY TO BOOST UP TRADES IN DEVELOPING COUNTRIES

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Abstract

Information and Communication technology (ICT) stimulates innovations and e-commerce is the outcome of ICT innovations. Innovations result in smarter applications, faster processing, enhanced data storage system and wide information distribution. Innovations make trade run more proficiently and increase usefulness, enhance quality and boost efficiency. A country can attain more advancement in electronic commerce through escalating the scope of ICT infrastructure and improving the regulatory framework. It is necessary for a country to be ready for more up-and-coming challenges. Scenario of promotion and development of trade by the use of ICT and e-commerce will become privileged as the products are stored in stocks and are shown on the different type of web sites and other ones are created on it. The focal point of this article is to evaluate how innovations in Information and Communication technology (ICT) can impact on unflagging application of e-commerce in trade in developing countries. A trade can be benefitted by using innovations in Information and Communication technologies like reduction in cost, increments in efficiency, better decision-making and improve stability in the marketplace in the competitive environment.

Keywords: Information and Communication Technology (ICT), Innovation, E-commerce, Trade

1. Introduction

Information and Communication technology (ICT) propels innovations and innovations are the right way to success of any trade. Appearance of innovation in trade has the same importance that wheel had on the transport and industrial revolution. While all the innovations in travel and multimedia improved intelligence and all these were mainly automatic forms of learning. Now, global brain and the computer applications have switched on vigorous learning and in return found how expeditious people learn all the new things. It is not wrong to say that (ICT) Information and Communication Technology and e-commerce are interlinked terms because we are well known that the e-commerce industry is extremely dependent on Information and Communication Technology for its all the operations and amplifications. It includes the usage of PC; which again includes hardware, software and all the networks which are used to store, arrange and communicate, all the information. The concept of electronic commerce has been sprouting since a number of years and it is contributing to the economic growth of many developed and developing economies. The potential for the development of e-commerce in the all the developing countries like India is very high. The progression of e-commerce is dependent on the advancement in ICT infrastructure. The Internet diffusion and the smartphone market have proved to be a good mechanism for growth of e-commerce industry and as a result to boost up trades in developing countries.

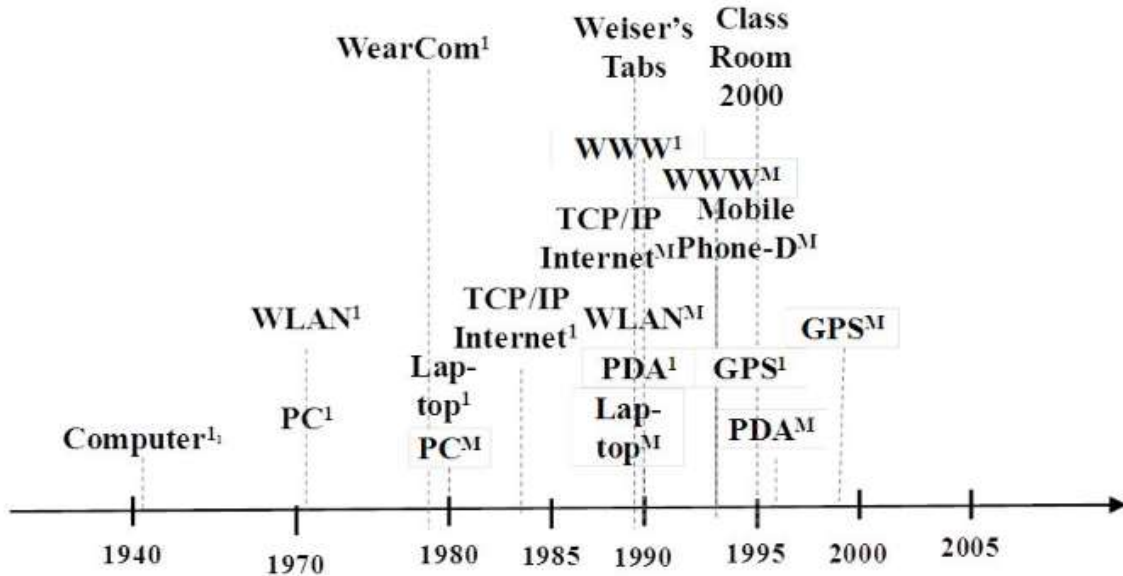
1.1 ICT (Information and Communication Technology) and E-Commerce

The main focus of the article is only to explore, how ICT existence can impact of all the industrious applications on e-commerce. So this is most important to understand concept and usage of e-commerce and its impotence with ICT. E-commerce: **doing business by using the Internet.**



ICT and e-commerce are not separable. ICT has given the birth to e-commerce. Existence of e-commerce is only by the advancements in ICT. Both jointly can boost up trades in developing countries.

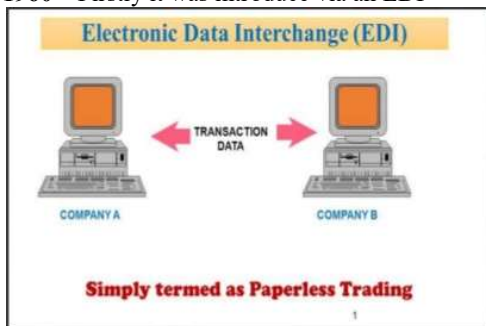
1.1.1. History of ICT



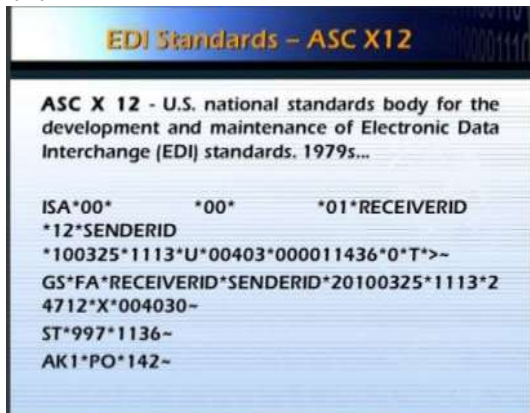
On 6th of August 1991 the World Wide Web (www), came in existence to the world. Nobody knew about it. By the invention of Tim Berners-Lee's the world get a new appearance. At the end of the decade the Internet became well-liked. And Innovations result in smarter applications, faster processing, enhanced data storage system and wider information distribution.

1.1.2. History of E-Commerce

1960 – Firstly it was introduced via an EDI



1979 – American National Standards Institute developed: ASC X 12



1990 – The rise of the Amazon and E-bay revolutionized the e-commerce industry



2. ICT & E-commerce: an opportunity to boost up trades in Developing countries

The whole story and approaching to ICT can flourish e-commerce. Every achievement of ICT has a non-stop effect on the development of all of the e-commerce industry. Moreover, ICT approach can impact on productive purpose of e-commerce in areas like banking. And also some other areas like transportation and logistics which again interlinked with ICT.

To boost up trade via e-commerce it is more important to create an environment that is successive path to the fast innovations of Information and Communication Technology sector. “Those countries that have increased the capacity of their ICT infrastructures have benefited more from e-commerce” (Ilkin, 2003). So, a country can attain more development in e-commerce by doing continuous development in ICT infrastructure and improving the regulatory structure by implementing the laws.

Also “those countries that are mostly witnessing the growth in e-commerce are either producers of Information Technology or have enough expertise in this field. In either case, their success has come along with implementing market-oriented reforms advocated by international organizations that hold tasks in variety of areas” (Ilkin, 2003). The aim of WTO is to upset that type of environment which make a market to be competitive by endorse laws on trade related issues, without imposing restrictions. So, it is important for a country to get ready for this type of emerging issues.

Both are interlinked because there will be a great investment in the ICT sector as the size of e-commerce increases. As a result, the ICT sector will grow more rapidly. “Prospects of promoting and developing trade by e-commerce and use of ICT will become higher as more products in stocks are displayed on the web sites and new ones generated on it” (Ilkin, 2003).

3. Conclusion

Innovations result in smarter applications, faster processing, enhanced data storage system and wide information distribution. Innovations make trade run more proficiently and increase usefulness, enhance quality and boost efficiency. E-Commerce is doing business by the use of internet. A trade can be benefitted by using innovations in Information and Communication technologies like reduction in cost, increments in efficiency, better decision-making and improve stability in the marketplace in the competitive environment. So by the use of ICT and E-commerce a country can boost up its trade. Whatsoever the size of the enterprise, by using innovations it can get the benefits of increased efficiency, better decision making and increase competitiveness.

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