IT Applications in Management

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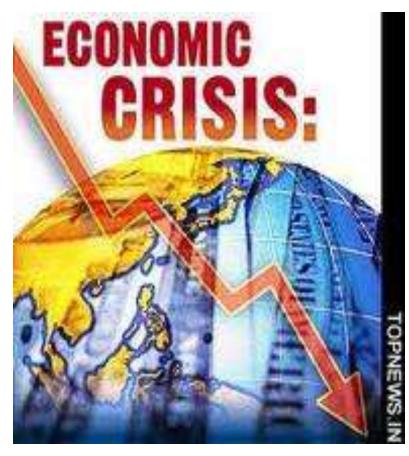
Doing Business in the Digital Economy

- Since the advent of computers and the Internet, the economies of the world have changed considerably.
- The amount of revenue has quadrupled in the last 5 years due to the impact of digital economy on global economy.
- Any economic event happening around the world immediately becomes part of global economy due to its digitization.

ransforming Business and Society

Global Sensitivity of the Digital Market

 Especially as a result of the Internet, the economy has become global and an economic event taking place anywhere in the world has effects on other places. (Example: 2008 – 2009 Global Crisis, 2010 Greece – EU Economic Crisis)



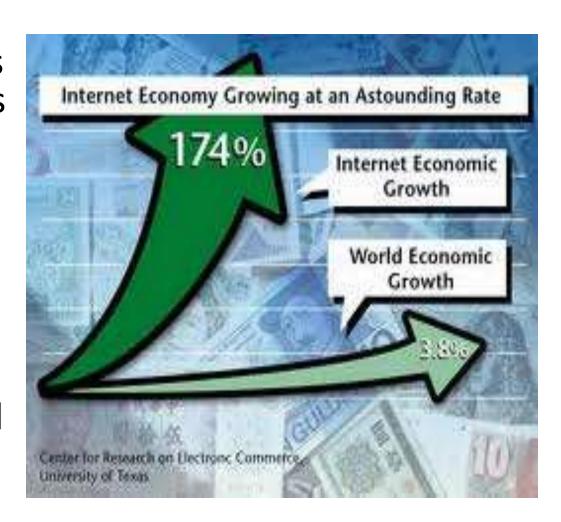
Doing Business in the Digital Economy

- Almost every business has turned to digital economy and many business have transformed themselves using complex IT systems and E-commerce.
- Every successful company has digitized their operations so that each step of the production, marketing, sales, delivery, logistics as well as return of products can be accurately recorded and predicted.



Internet Economy

- Nowadays, any company can sell its products or services on the Internet to anyone and to anywhere in the world.
- The amount of commercial transactions in the world has increased considerably due to computers and the Internet



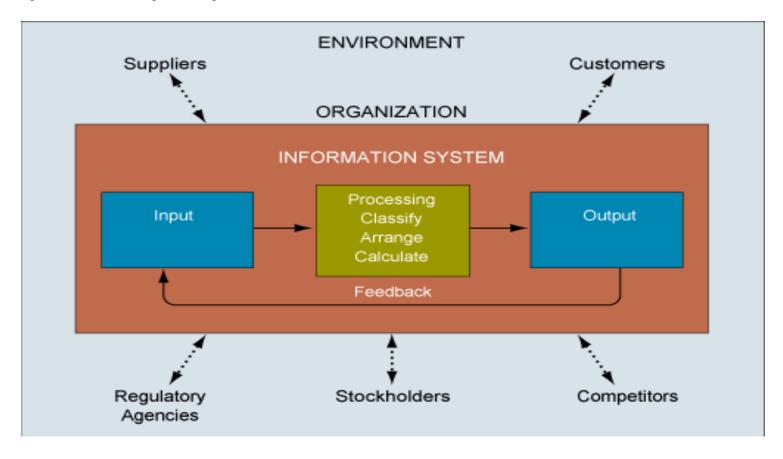
E-Commerce

- The number of online businesses have surpassed the number of offline businesses in 2009.
- Nowadays, it is impossible to think of a serious company that does not have any presence on the web.
- With the presence of the internet, anyone in the world can become your customer if you have the right product



Information Systems

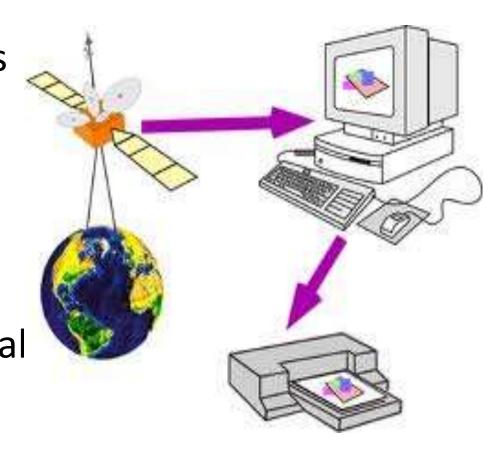
 Information System collects, processes, analyzes and disseminates information for a specific purpose.



Computerized Information Systems

 Computerized Information Systems uses computer technology and the Internet to facilitate information management.

 IT is the technological side of information management.



Computerized Information Systems

- You are able to store huge amounts of information in an easy access format
- Information can be shared worldwide easily
- High speed, high volume transactions are carried out with ease.
- All manual and semiautomatic business processes are fully automated and digitized.
- Huge amounts of Data can be saved in a digital form safely and with fast access
- Allows for automation of routine decision making and helps to facilitate complex decision making.

Information Technology (IT)

- IT is the net sum of all Information Technologies related events. These include:
 - Computerized Information
 Systems
 - Networks
 - Personal Computers
 - Mainframe Computers
 - Internet and its Applications
 - Hardware
 - Software
 - Procedures for Information Management



The Impact of IT on Businesses

- Tracking of the business facilities (production, demand, finances, availability of product etc) are done more easily with IT Management.
- Better and more intelligent data management takes place.
- Workforce is changed and becomes more automated
- Tasks and decision making processes are tracked and improved
- Corporate customizations take place

How is IT Integrated into Management?

- Integration of company financial systems to the world market and using computerized analysis to support financial decision making
- Training of company personnel online
- Creating customer databases, decision support systems
- Sales force and marketing automation
- Tracking of production and delivery
- Logistical inventory control

Disadvantages of Being Ignorant to IT in Management

- Being unable to keep up with accelerated rate of technological change that is shaping the world's economy
- Poor response time to criteria shaping the global economy.
- Being unable to adapt to changes.
- Being unaware of customer's decision on buying processes.
- Lower production efficiency
- Reduced efficiency and safety in records keeping