A Revolution through Technology- One Step Ahead
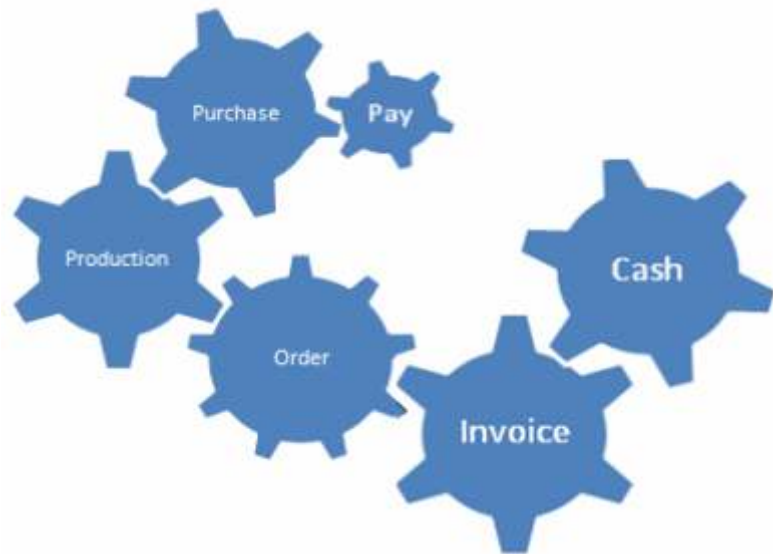
Agarwal, Ujjwal

ABSTRACT

Technology is playing an imperative role to the industrial growth worldwide. Success of technology in an industry can be measured in terms of utilization of resource, planning efficiency, time management and good information services. Many of the paper industries hesitate to adopt advance technologies at their process, but they shall always feel importance of technology. Hence an express response is necessary to accept a change towards this direction.

Introduction

Information technology (IT) is playing a crucial role in to the automation of process. It has transformed the whole world into a global village with a global economy, which is increasingly dependent on the creative management and distribution of information. Globalization of world economies has greatly enhanced the values of information to business organizations and has offered new business opportunities. Today, IT provides the communication and analytical power that organizations need for conducting trade and managing business at global level with much ease. To coordinate their worldwide network of suppliers, distributors and consumers, organizations have developed global information systems that can track orders, deliveries, and payments round the clock. This has been possible because of the development of IT in its present form. In the broadest sense, information technology refers to both the hardware and software that are used to store, retrieve, and manipulate information. At the lowest level you have the servers each with an operating system. Installed on these servers are things like database and web serving software. The servers are connected to each other and to users via a network infrastructure. And the users accessing these servers have their own hardware, operating systems, and software tools.

Background

In the year 2008 we had built a team for implementing IT system in our process with the prime objective to make YPL

Yash Paper Ltd.
Yash Nagar,
Dist. Faizabad - 224 135 (U.P.)

Effect of Web based order management and Marketing executive toolkit after implementation

Parameter	Observations	
	Previous	**Current**
Order placement time	High	Lesser
Internal order planning	Poor	Excellent
Define order priority	Confusing	Perfect
Delivery commitments	Not good	Strong
Information Sharing	Slow	Fast
Order Status		
Billing Status		
A/c Status		
Quality issues		
Standard Working Practice	Time consuming	Reduced 50% amount of time consumption.
Forecasting	Not Good	Excellent
Expenses on Postage and Phone calls	Very High	Lesser
Executive's awareness and availability	Low	Very High

as IT driven company. As a part of IT implementation YPL have done the following:

1) With the successful implementation of ERP system we realized a need for specialized web based customer and order management software and after a brief discussion with the customer we developed in house CRM solution which is integrated with current ERP system. It has option for placing new orders, checking order status, download soft copy of invoices, checking of accounts position and quality compliant management. It reduced waste of time to communicate with the company executives, and enables them to be live with the company at all times.

As part of web base utilities there was one other achievement i.e. online Marketing Executive toolkit, which provides freedom to our marketing executive to watch over the activities of their customers. It comprises their monthly tour plan, tour reporting, new customer introduction, customer activities alongwith the enablement to watch customer dispatch schedule, stock status, product properties and accounts balances of their customer.

1) Developed Reel tracking software which enabled us for tracking and controlling finished product right from Jumbo roll to material dispatch. This system helps to create standard label for finished goods and obtaining reel weight directly from weighing scale. It helps to create daily production notes automatically, as well as transferring records to ERP systems for updation of stock. The system also keeps records for

Print Lable with Bar Code

Effect of Reel Tracking Software after implementation:-

SL No.	Difficulties Faced	Troubleshooting
1.	There was no option to keep records of paper properties for each jumbo roll	Lab testing report of each jumbo roll is present in the system.
2.	It was difficult to identify parent Roll of individual Reels.	Each individual reels are mapped with their parent roll and can be easily tracked
3.	Reel weight to be entered manually. There was always a chance to entering wrong weight.	System is live connected to the weighing-scale and it fetches reel weight automatically at the time reel entry.
4.	No finished goods labels were generated. It was difficult to identify the product, once it was transferred to godown.	System is providing a unique bar code Label comprising all property details in it. Each reel is easily readable through Bar code scanner.
5.	Daily production note generation was too hazy and time delayed.	Automatic production note is generated.
6.	Needed separate manpower to update production and stock register.	No manual intervention is required. All the corresponding register are updated automatically.

quality details of Finished Goods and providing necessary information against quality complaint of the customer. Each individual Label is uniquely readable through Bar Lines. This system is also fully implemented in M/s Bhawani Papers Mills Limited, Raebarelli as well as in YPL.

1) While enjoying above services in the organization we have felt absence of a foolproof system for employee's information sharing within the company and we have developed a KIOSK to avoid work load and time misuse of HR personnels. This system includes HR Policies, Company news, Employee's Pay Slips, their attendance and leaves status, Loans and advances details on company intranet system.

2) Company needs to track visitor profiles and also have clear access control of guests. We have developed software which provides a clear card that enables all to see guest profile, host profile and area to be visited. This software also provides reports for checking of visitors and visit duration.

Conclusion

Today, we are all in agreement that the world is becoming increasingly dependent upon technology as is evidenced by the big role it is playing. The Internet has become a major shareholder. All developing nations can derive tremendous advantages from this technology for updating the knowledge of its researchers and scientists. The Indian software and services industry has significantly helped to boost the Indian economy. Industries expect to be able to store information more than was previously conceived. Industries expect to be able to manipulate the information it has for its own benefit, to increase understanding and discover new relationships. Industries expect to be able to distribute information quickly, efficiently and cheaply. The Government of India has been working gradually and successfully towards improving the IT policy climate in the country.