

## **CLOUD COMPUTING: A JOIN HAND TECHNIQUE FOR ACCOUNTING: (A CASE STUDY OF BHOPAL DIVISION INDUSTRIAL ESTATE)**

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### **ABSTRACT**

*Paper contains the fact about friendly acceptance towards cloud computing technique by traders, business personal and industrialist as well. Work had been carried out on the basis of questionnaire and personal interview by group of registered scholar. With the help of soft skills they collected information about use and utilization of cloud computing system. As a tangible product it can be purchased and installed by any business man on to their computer system. One can use such technology as a helping hand and pay for it proportionately. Small and medium size units and legal practice can go on computing clouds method no upgrading of computer system is needed. In Madhya Pradesh industrial units, it is found that only a few business centres have gone for this and their percentage is very less. Moreover to that it has been realized that knowledge and information both are to be spread among business holder and society as well.*

**KEYWORDS:** *Cloud Computing, Accounting System, Industrial Estate, Cloud Infrastructure.*

### **Introduction**

*“Cloud computing relies on sharing of resources to achieve coherence and economy of scale, similar to the utility”* Accounting and accounting system are very important in economic world. Though accounting system is the backbone of economic progress yet we are little less conscious for its strength and standardization we can only measure the strength with acceptability of an accounting system by different parts of the world as one. Secondly, system should be capable for facing all colours of music We are travelling a long so for as corrections and amendments of an accounting system and its security measures are concern. Computerized high tech world is providing cloud computing. Through which we can “see and do” our accounting process anywhere anytime. Cloud computing is a kind of outsourcing of computer programme using cloud computing, users are able to access software and applications from wherever they need, while it is being hosted by an outsider party – in “the cloud”. This means that they do not have to worry about things such as storage and power, they can simply enjoy the end result.

### **Objective of the Study**

- To study the concept of cloud computing
- To know the benefit of clouds computing for accounting system
- To evaluate the status of computer friendliness among the industrial area.
- To access the awareness in industrial area about cloud computing.

### **Period of Study**

The study is carried out on the basis of previous year 2016-17 (31st march 2017)

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### Hypothesis of Study

H<sub>01</sub> : There is a great need of computer awareness and hi-tech approaches in industrial area.

H<sub>02</sub> : Accounting is a traditional work so people don't adopt easily for accounting through cloud computing.

### Limitation of Study

Only representative units of industrial area of Bhopal division viz. Bhopal (Govindpura), Raisen (Mandideep), Pilukheri are taken for study.

### Methodology

For the study, statistical data has been collected with the help of questionnaire and personal interview with unit owner and accountant. Chart and graphs are also used. Considering every business as an artificial person, a business can purchase accounting software as a tangible product and install this on to their computer system with cloud based accounting software everyone is to purchase the right to use the software over internet via a subscription model SAAS (Software As A Service). It is most simple description, cloud computing is taking service (cloud service) and moving them outside an organization firewall on shared system. Application and service are accessed via the web instead of our hard drive. The services are delivered and used over the internet and are paid for by cloud customer (our business) typically on an "As needed, *Pay-Per-Use business model*." The cloud infrastructure maintained by the cloud provider. We are not required to do all that. Cloud computing is having services like financial portfolio, personalized information, data storage to power large and immersive online computer games.

### Cost Consideration Concept

Cloud computing normally uses network of a large groups of services, typically running low cost consumer PC technology with specialized connection to spread data processing chores across them. Their shared IT infrastructure contains large pools of system that are linked together. Cloud computing allows users and enterprise with various computing capabilities to store and Pitcher part order to make data accessing mechanism more efficient and reliable.

### Attaining Favorable Signs or Facilitation

Business houses willing to acquire cloud computing on to their system or making efforts to get cloud computing facility on to their system will definitely as under:

- **Pay in Proportion:** Best thing with cloud computing is that it provides a "pay as you go" approach to your software use. Unlike the traditional accounting packages on our desktop, the need to purchase licenses and hardware up-front is eliminated. Every next investment in software typically increases or decreases in proportion with its usage, so any cost can be aligned to the business value and the benefit it delivers.
- **No Extra Cost for Upgrading:** Cloud solution pricing includes automatic and ongoing releases typically two or three releases per year. As a result, the support and maintenance of traditional IT or any sort of enhancement is dramatically reduced and the capacity can be released or redirected for other needed activities.
- **Interface Requirement:** Business organization with multiple connected systems may need some interfaces between this system and the new cloud accounting and interfering with a cloud solution may be more involved than a traditional file transfer. Business owner must balance any anticipate cost savings with potential cost increase other areas. They should review their particular operating environment and constraints, specific business processes and the interfaces required.
- **Freedom of Accessing Data:** Cloud computing provides a wonderful benefit for accessing real time data anywhere and moreover to that any place. The real time information makes it possible for accountants to provide more accurate and timely advice and action task faster it provides better sourcing options for their accountants and book keepers.
- **Security Facilitation:** Business houses using cloud accounting software benefited more from the fast deployment of software patches and security upgrades part of the automatic upgrades. Leading vendors are well equipped to stay on top of security concerns.
- **Lead to Growth:** Cloud based solution, through the nature of their design, not only cater for growth of your practice in term of users but also for transaction volume growth and "Functionality Flexibility X.ero" offers alternative pricing packages to customer based on the amount of invoice and transactions processed on a monthly basis regardless of amount of users accessing the system. One can only pay for the function used.

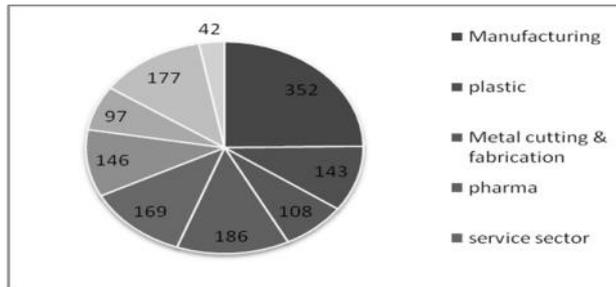
**Table 1: Total Nos. of Units in Industrial Area of Bhopal Division**

| Region/Area | No. of Industries |
|-------------|-------------------|
| Mandideep   | 1090              |
| Govindpura  | 267               |
| Pilukheri   | 63                |
| Total       | 1420              |

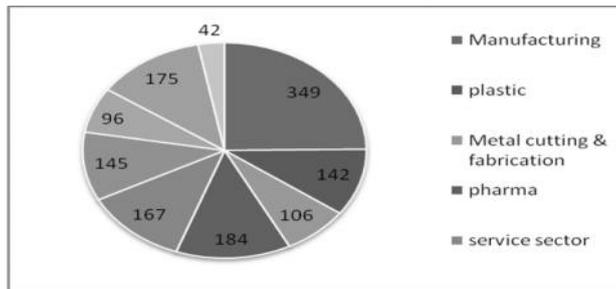
**Table 2: Segment of Industries in Industrial area of Bhopal Division**

| Segment                     | No. of Units | Units Using Computer | Planning For Cloud Computing |
|-----------------------------|--------------|----------------------|------------------------------|
| Manufacturing               | 352          | 349                  | 6                            |
| Plastic                     | 143          | 142                  | 2                            |
| Metal cutting & fabrication | 108          | 106                  | 2                            |
| Pharmaceuticals             | 186          | 184                  | 3                            |
| service sector              | 169          | 167                  | 3                            |
| Automobile                  | 146          | 145                  | 2                            |
| Edible Goods                | 97           | 96                   | 2                            |
| pigment                     | 177          | 175                  | 3                            |
| Other                       | 42           | 42                   | 1                            |
| Total                       | 1420         | 1406                 | 24                           |

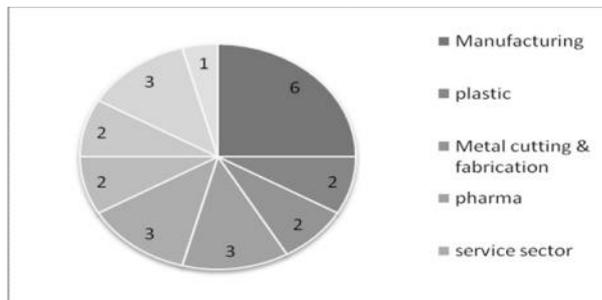
**Chart (A) Industrial division in Bhopal**



**Chart (B) Industrial Units Using Computer**



**Chart (C) Industries Planning for Cloud Computing**



### Conclusion

Taking into consideration the benefits of cloud computing we can say that this cloud can be opportunity for any organization to change and improve the way things are already done. We have selected industrial areas of Bhopal division of Madhya Pradesh for knowing the effect of using cloud computing units and their status of update time. There are 1460 industries in different industrial areas of Bhopal division. We realized the accounting in cloud is a relatively new phenomenon for them. Accounting is a field rather more conservative and one of the last subjected to modern information technology and other hi-tech issues. We visited the industrial area and could collect the fact that almost all working units were doing computer based accounting but so far as cloud computing is a subject to discuss, were rare colour for them.

### Cloud Computing: A Join Hand Technique for Accounting

(A case study of Bhopal division Industrial Estate)

#### Questionnaire

1. Name of the Unit:
2. Name of the Employee (Accounting section):
3. Classification of production units:
  - a. Manufacturing
  - b. Processing
  - c. Pigment based
  - d. Metal cutting & fabrication
  - e. Service industry
4. No. of Workers (in working units):
  - a. Educated:
  - b. Uneducated:
  - c. Computer friendly:
  - d. Hi-Tech:
5. Method of Accounting & Book-Keeping used:
6. Status of their satisfaction level for Hi-Tech system like cloud (if using):
  - a. Satisfactory/partly satisfactory
  - b. Not even known about
7. Total production per year:
8. How many clients are using cloud computing:
9. How long they are using:
10. Interested in keeping knowledge and information about cloud computing.

#### References

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