



"Impact of MIS in Government Departments"

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What is MIS ?

Management Information System is a computer based information system which is basically concerned with processing data into information which is then communicated to the various departments in an organization to support the operations, the management and the decision making function in the organization.

MIS Means?

MIS

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graph TD; A[MIS] --> B[Management]; A --> C[Information]; A --> D[System];
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Management

Information

System

Management

Management is the effective utilisation of human and material resources to achieve the enterprise objective

It is a process consisting of the five basic functions:

1. Planning
2. Organizing
3. Staffing
4. Directing
5. Controlling

Information

Information, in MIS, means the processed data that helps the management in planning, controlling and operations.

Data means unstructured raw facts, observations or unevaluated messages in isolation. Data involves facts and figures. Information on the other hand is like a finished product.

Data vs. Information



SM001	North	P001	475		Salesman Code	Zone	Item Code	Sales
SM002	East	P002	500		SM001	North	P001	475
					SM002	East	P002	500

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System

A system is an orderly grouping of interdependent components linked together according to a plan to achieve a specific objective.


Human body is a system composed of various parts, which are working together towards a common objective, that is to live

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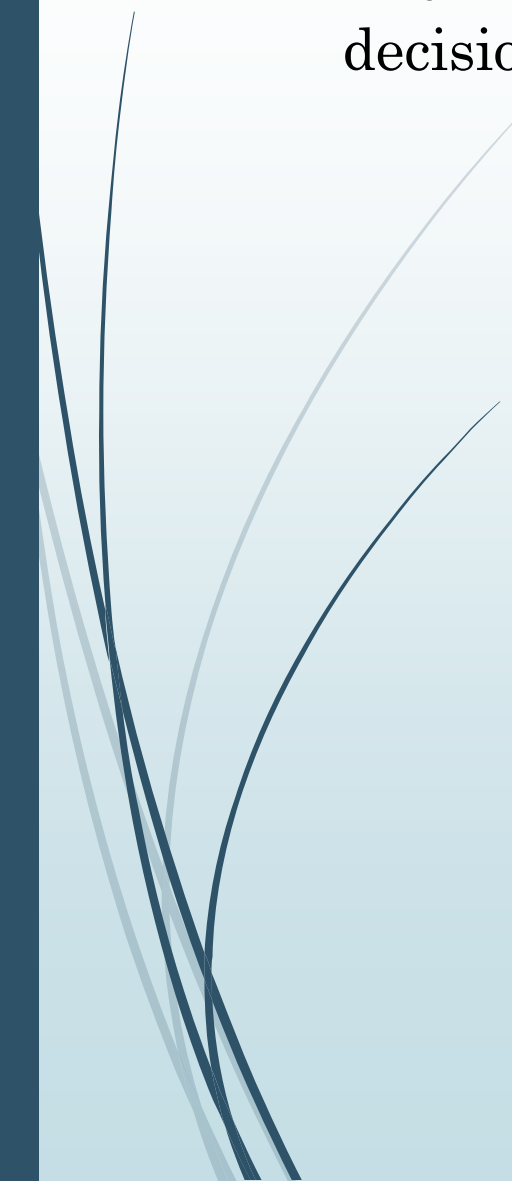
Information System

An information system is an organized combination of people, hardware, software, communications network, and data resources that collects, transforms, and disseminates in an organization.

Operations and Management Classifications of Information Systems.



Note how this conceptual overview emphasizes the main purposes of information systems that support business operations and managerial decision making.



Why MIS?

- Manager makes decisions all the time.
- There is an overload of information.
- All information is not useful.
- Any thing which helps manager improve his decision - making will obviously lead to better result.
- MIS is a system, where data is the input, which is processed to provide output in the form of information reports, summaries, etc . Which aid the manager's decision-making process.

Management Information System Useful in Companies?

Planning and Control: MIS improves the quality of plants by providing relevant information for decision – making. MIS serves as a link between managerial planning and control. It improves the ability of management to evaluate and improve performance.

MIS Minimizes Information Overload: MIS change the larger amount of data into summarized form and therefore, avoids the confusion which may arise when managers are flooded with detailed facts.

MIS Encourages Decentralization:

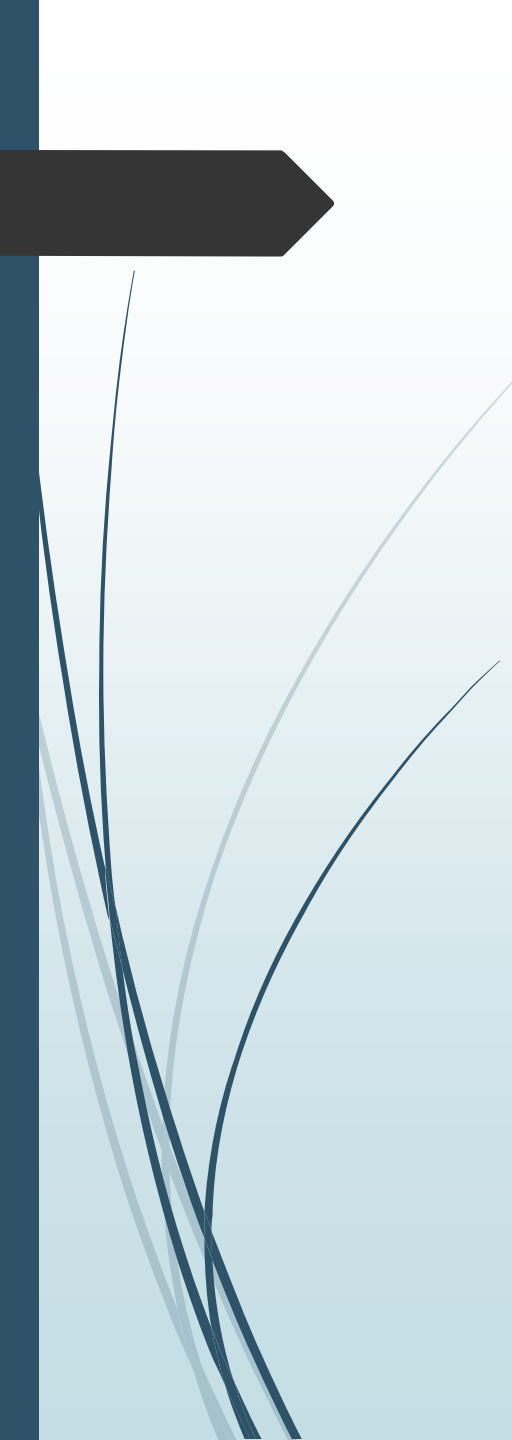
Decentralization of authority is possibly when there is a system for monitoring operations at lower levels. MIS is successfully used for measuring performance and making necessary change in the organizational plans and procedures.

Costs: Invest in a consultant to help define your core requirements that include information for strategic planning and project management. To be useful and successful, a management information system should focus on company products and services, customers, operating costs, marketing opportunities and the company's exposure to risk.

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Impact of the Management Information System

- With a good **MIS** support, the management of marketing , finance, production and personnel becomes more efficient.
- The MIS begins with the definition of a data entity and its attributes, respectively, designed for information generation in the organisation.
- The MIS calls for a systemisation of the business operations for an effective system design.
- This leads to streamlining of the operations which complicate the system design.

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- MIS improves the administration of the business by bringing a discipline in its operations as everybody is required to follow and use systems & procedures.
 - This process brings a high degree of professionalism in the business operations.
 - Since the goals and objectives of the **MIS** are the products of business goals & objectives, it helps indirectly to pull the entire organisation in one direction towards the corporate goals and objectives by providing the relevant information to the people in the organisation.



BENEFITS OF MIS

- Data can easily be accessed and analyzed without time consuming manipulation and processing.
- Decisions can be made more quickly and with confidence that the data are both time-relevant and accurate.
- Integrated information can be also kept in categories that are meaningful to profitable operation.
- Significant cost benefits, time savings, productivity gains and process re-engineering opportunities are associated with the use of data warehouse for information processing.



FUNCTIONAL INFORMATION SYSTEMS

- On the basis of specific functional areas, MIS can be categorized as follows:
 1. Marketing Management Information System
 2. Human Resource Information System
 3. Financial Management Information System
 4. Production and Inventory Management Information System