

Different types of manmade systems

Different types of manmade systems – objectives and functionality

There are different types of man-made systems that we can see in the real world. Some of them are as follows.

- Transportation systems (airlines, High ways, etc.)
- Manufacturing systems (Factories, Assembly lines, etc.)
- Communication systems (telephone systems, etc.)
- Finance systems (Accounting systems, Salary systems, etc.)

Different types of information systems

An information system is a collection of components which are working together to provide an information to relevant people. All the components in an information system are working according to a plan/ an objective which has its own organized procedure to achieve their target.

In an organization there are different types of individuals or groups who have different information needs to make different types of decisions. According to the management level their decisions are different and the requirement for an information is also different.

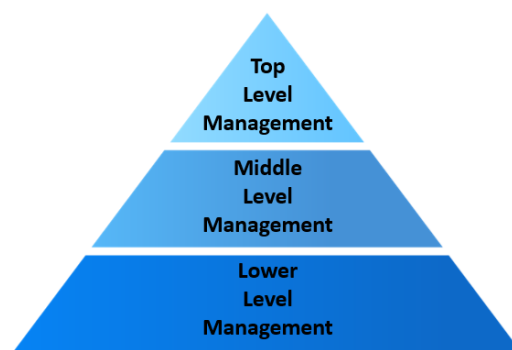


Figure 1- Different Levels of Management Levels

Based on their information needs, relevant levels of information must be provided through these information systems. Different levels of management can be identified as follows with their information needs.

Top level management (Strategic)	Middle level management (Tactical)	Lower level management (Operational)
<p>Responsible for long-term planning (plan for 3-5 years)</p> <p>devotes more time on planning and coordinating functions</p> <p>responsible for maintaining a contact with the outside world</p> <p>appoints the executive for middle level</p> <p>provides guidance and direction</p>	<p>responsible to the top management for the functioning of their department</p> <p>devote more time to organizational and directional functions</p> <p>make plans for the sub-units of the organization</p> <p>training of lower level management</p> <p>responsible for coordinating the activities within the division or department</p> <p>responsible for inspiring lower level managers towards better performance.</p>	<p>concerned with direction and controlling function of management</p> <p>responsible for the quality as well as quantity of production</p> <p>guide and instruct workers for day to day activities</p> <p>communicate workers problems, suggestions, to the higher level</p> <p>supervise & guide the subordinates</p> <p>providing training to the workers.</p> <p>arrange necessary materials, machines, tools etc. for getting the things done.</p>
<p>chief executive or managing director</p> <p>board of directors</p>	<p>departmental managers</p> <p>branch managers</p>	<p>supervisory / operative level of management</p> <p>foreman, section officers, superintendent</p>
Unstructured decisions	Semi-structured decisions	Structured decisions
Summarized information		More detailed information