



#### What is Data?

The representation of facts that come from some type of measurement process.

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What is Measurement?

The act of quantifying the performance dimensions of products, services, processes, and another business activities.

Measures and Indicators
Refers to the Numerical
Information that results from
measurement.

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Information

Derived from the analysis of data.

# The Strategic Value of Information

- 1. To lead the entire organization in a particular organization.
- 2. To manage resources
- 3. To operate the process that make the organization work and continuously improve.

#### The Leading Practices

- 1. They develop a comprehensive set of performance indicators that reflects internal and external customer requirements and the key factors that drive the organization.
- 2. They use comparative information and data to improve overall performance and competitive position.
  - 3. They continually refine information sources and their uses within the organization.
    - 4. They review organizational performance.

#### The Leading Practices

- 5. They involve everyone in measurement activities and ensure that performance information is widely visible throughout the organization.
- 6.They ensure that data and information are accurate, reliable, timely, secure, and confidential as appropriate.
- 7. They ensure that hardware and software systems are reliable and user-friendly and that data and information are accessible to all who need it them.
- 8. They systematically manage organizational knowledge and identify and share best practices.



#### The Scope of Performance Management

The Balanced Scorecard

Quarterly Performance Audit

- Financial Perspective
   The ultimate result that the business provides to its shareholders.
- Internal Perspective
   The performance of the key internal processes that drives the business.
- Customer Perspective
   Customers needs and satisfaction
- Innovation and Learning Perspective Basis of a future success.

#### **Analyzing and Using Performance Data**

#### **Analysis**

Refers to an examination of facts and data to provide a basis for effective decisions.

#### Interlinking

Term that describes t quantitative modeling of cause-and-effect relationship between external and internal measures, such as the relationship of customer satisfaction measures to internal process measures.

#### Data Mining

The process of searching large database to find hidden patterns in data, using analytical approaches and technologies such as cluster analysis, neural networks and fuzzy logic.