

STIKI

SEKOLAH TINGGI INFORMATIKA & KOMPUTER INDONESIA

INFORMATION SYSTEMS ANALYSIS & DESIGN

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**Review:
Information System**



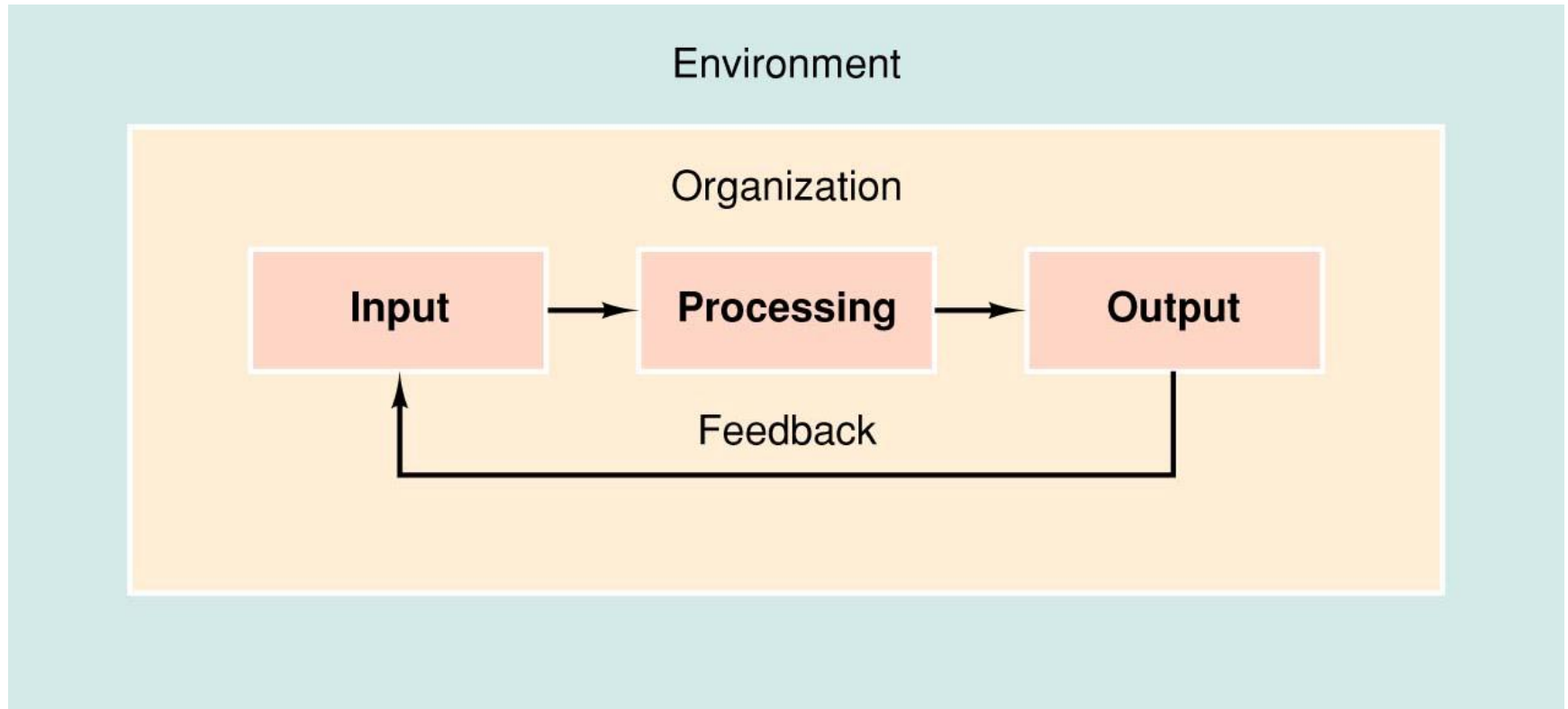
References

Whitten, J.L., Bentley, L.D. (2011), Chapter 1, *Systems Analysis and Design Methods* (p. 6-41, 7th ed.), McGraw Hill Irwin.



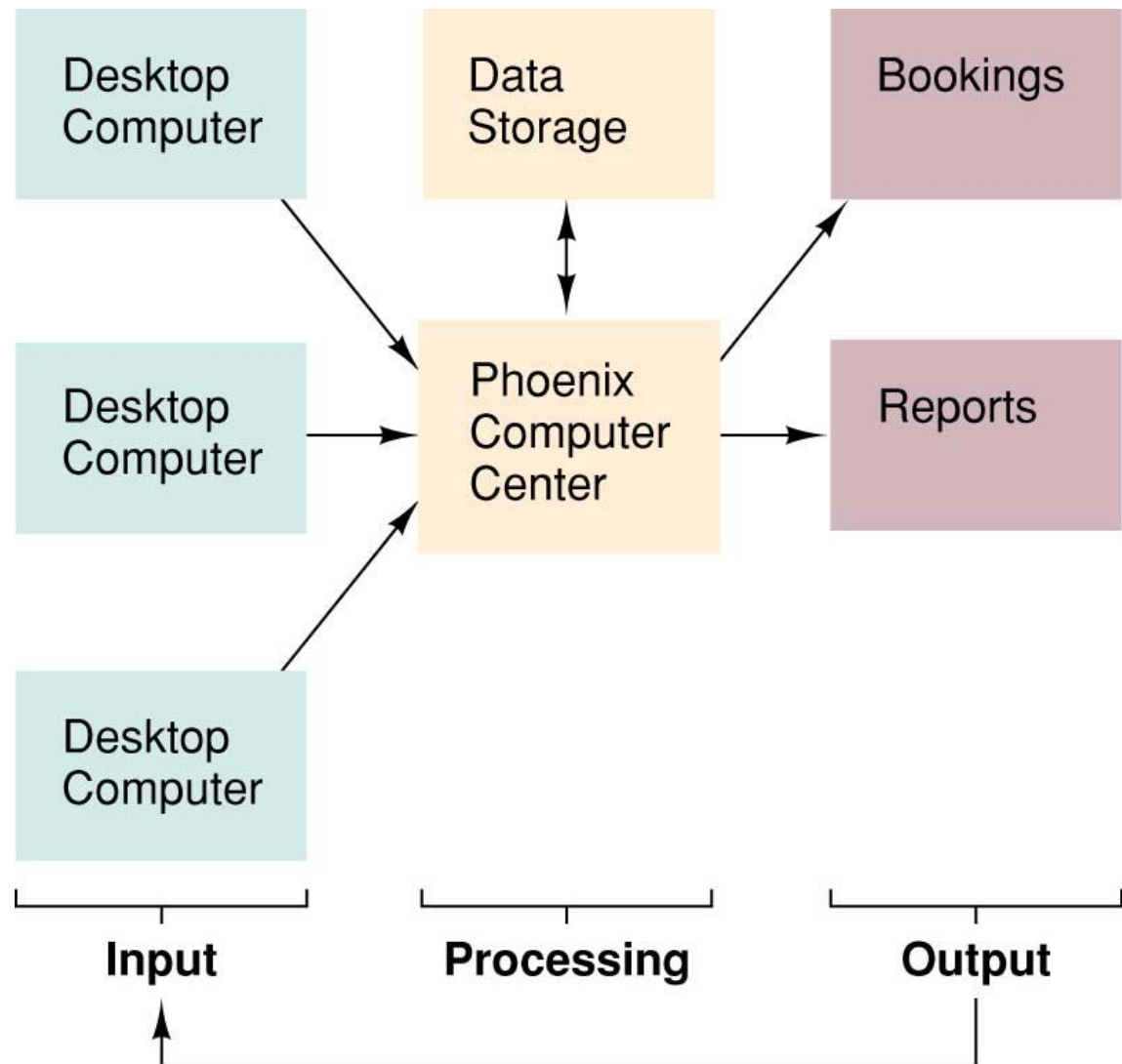
What is IS?

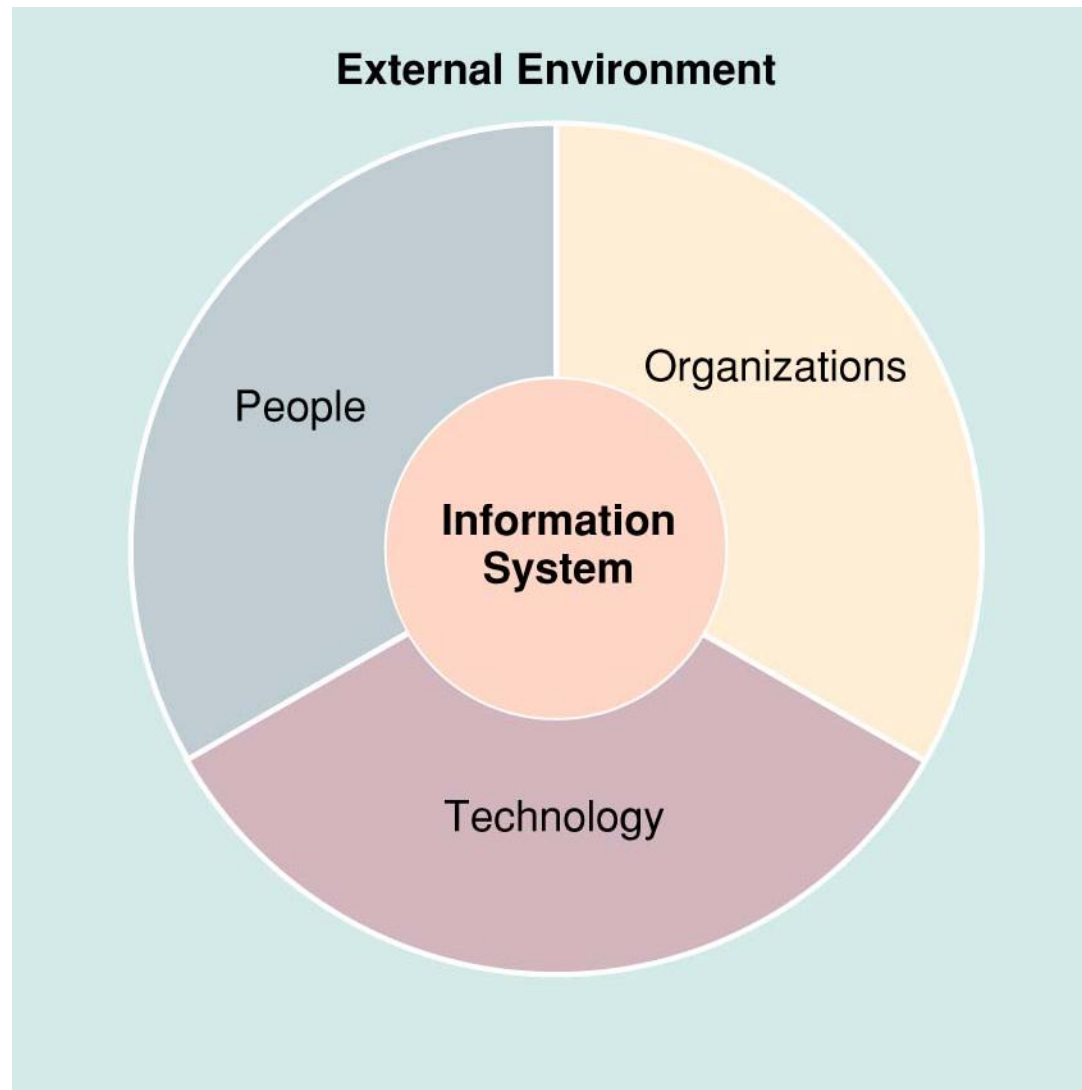
- **Interrelated components**
- Collect, retrieve, process, store, and distribute **information**
- **To facilitate** planning, control, coordination, analysis, and decision making





Sample







Components

- **Technology** → The “tools” to transform and organize data:
 - Hardware
 - Software
 - Database
 - Network/telecommunication
- **People** → the users
- **Organization** → a collection of functional units



Business Functional Units

Production

Finance/
Accounting

Sales/
Marketing

Human
Resource



Organizational Problem

Organizational Level

Strategic

Senior Management

Tactical

General or Middle Management

Knowledge

Knowledge and Data Workers

Operations,
Production,
Service

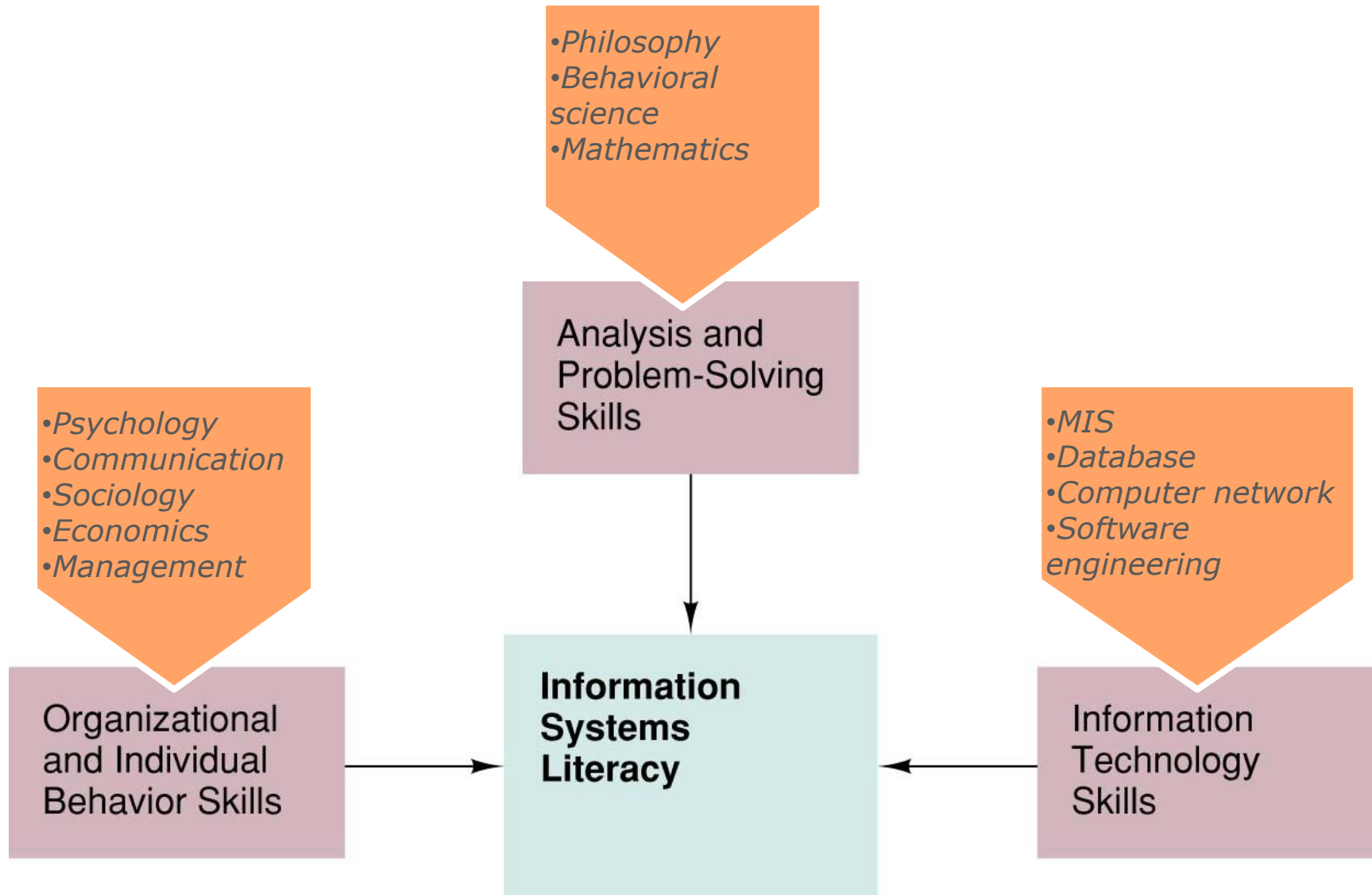
Production and Service Workers

Production

Finance/
Accounting

Sales/
Marketing

Human
Resources





Thank you!

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