

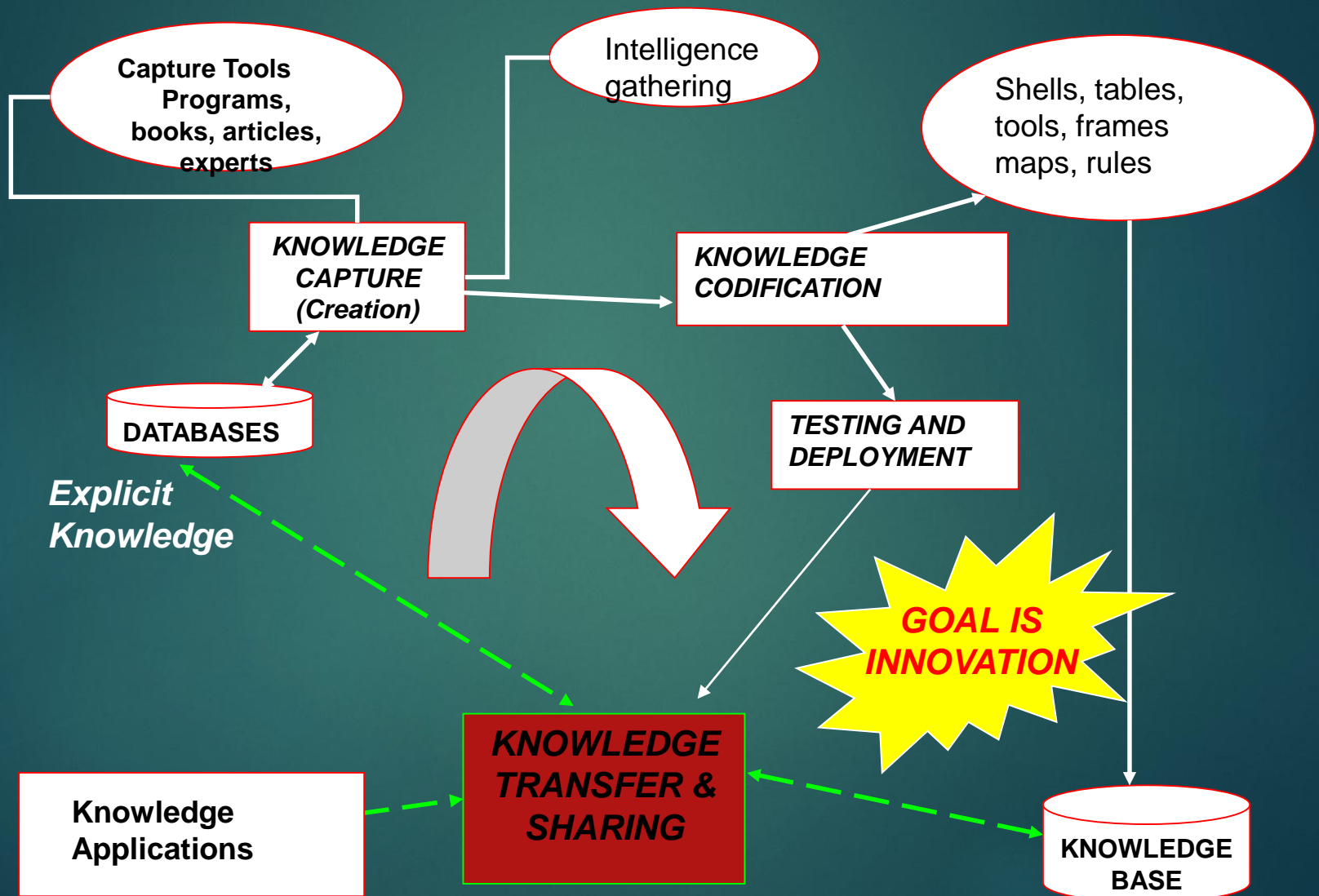


KNOWLEDGE TRANSFER AND SHARING

Okuboyejo S.R

Knowledge Transfer & Knowledge Sharing

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Fundamentals of KT (1/2)

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- ▶ Should be a daily, integral part of a learning organization.
- ▶ Transmitting (or conveying) the knowledge of one source to another source and the appropriate use of the transmitted knowledge
- ▶ Goal is to promote/facilitate knowledge sharing, increase collaboration and networking.



Fundamentals of KT (2/2)

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- ▶ By working together, communicating, learning by doing, embedding knowledge through procedures, or document exchanges
- ▶ Sources: knowledge bases, experts, etc.
- ▶ Media: LAN,, secure/insecure lines, encrypted/plain text, etc.
- ▶ Consumers: another application, a manager, a customer, etc.

Knowing-Doing Gap

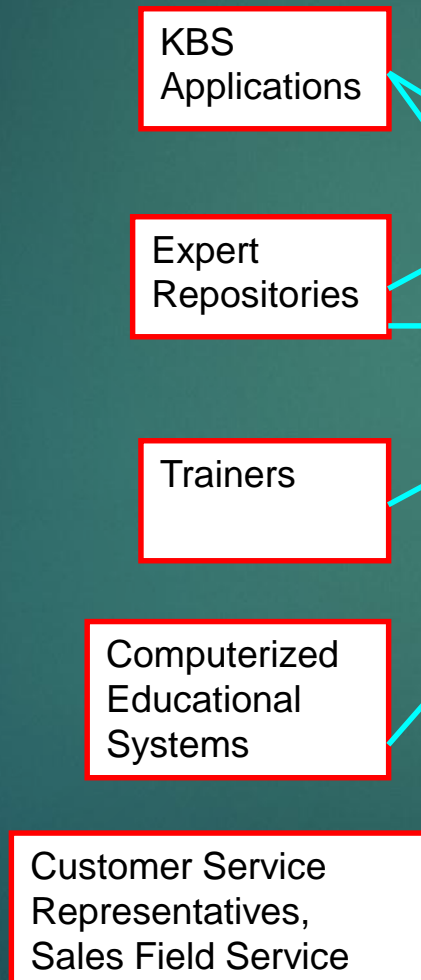
5

- ▶ A situation where an organization knows what to do, but ignore the information available and perform differently
- ▶ Knowing about this problem should help organizations make corrections
- ▶ Set up a KT and sharing environment to benefit all employees

Partial View of a Knowledge Transfer and Sharing Scenario in An Organization

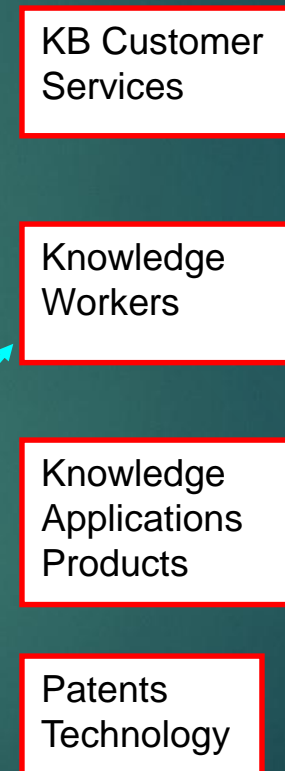
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Knowledge Sources



Transfer

Knowledge Consumers



Guidelines for Successful KT and Sharing

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- ▶ Building an Atmosphere of Trust within the Organization
- ▶ Collaboration/Cooperation are not Rivalry/Competition
- ▶ Creating the Culture to Accommodate Change
- ▶ *Reasoning* (why to do) BEFORE *Processing* (how to do)
- ▶ Knowing how the Organization handles Mistakes
- ▶ Doing is BETTER than Talking

Guidelines for Successful KT and Sharing

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- ▶ How Management view and reward Knowledge Transfer
- ▶ Determine Employee Job Satisfaction
- ▶ Degree of match between vocational needs and job requirements



Employee's Vocational Needs

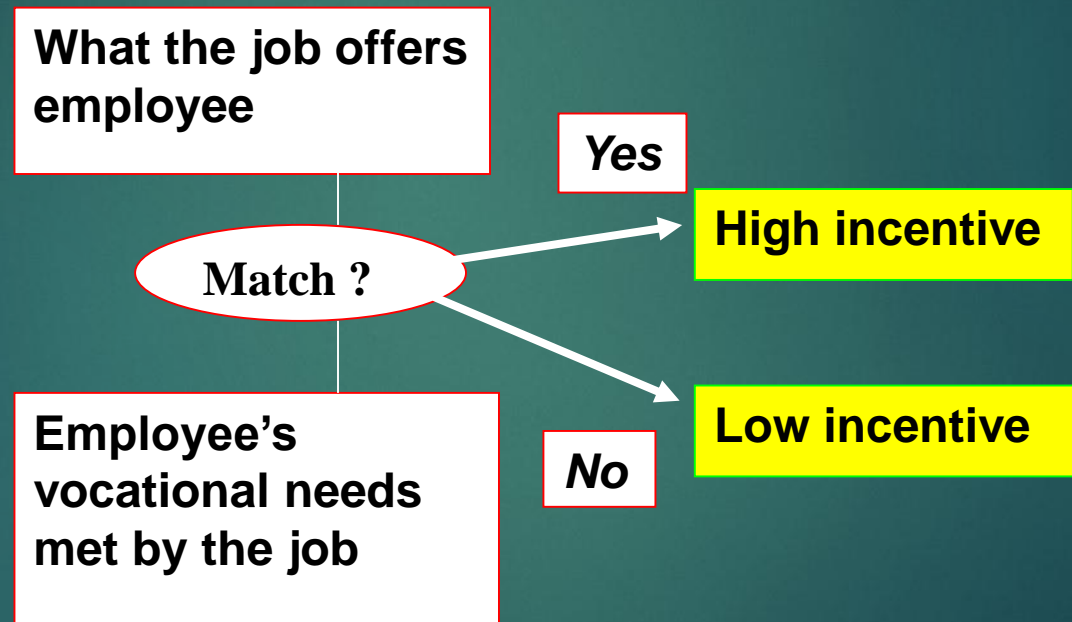
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- ▶ Ability Utilization
- ▶ Advancement Prospect
- ▶ Level of Achievement
- ▶ Level of Creativity
- ▶ Compensation
- ▶ Independence
- ▶ Authority (supervision)
- ▶ Level of responsibility
- ▶ Recognition
- ▶ Status
- ▶ Job Security
- ▶ Variety
- ▶ Work conditions



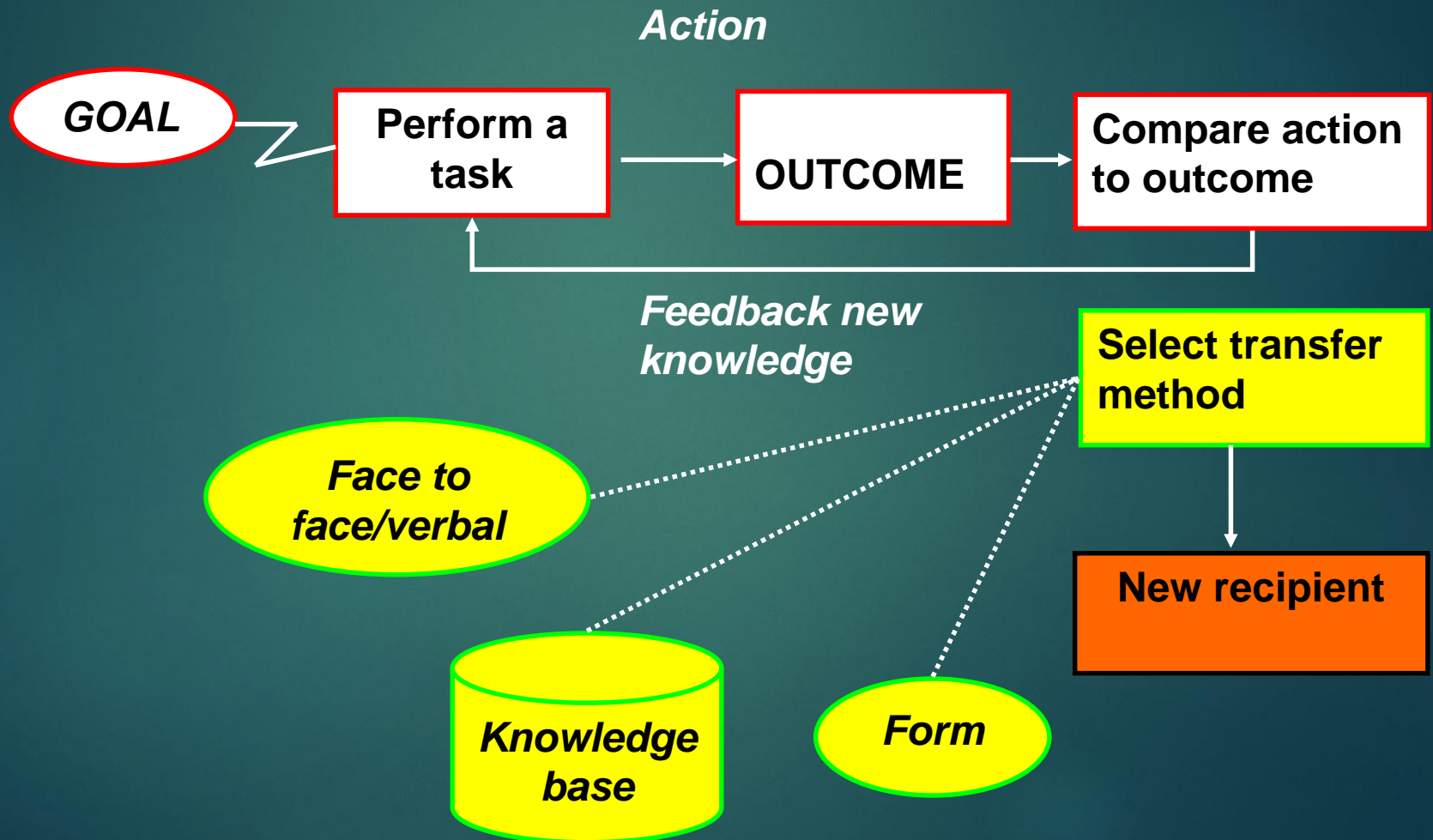
Employee's Job Conceptual Model

Satisfaction: 10 A



Converting Experience Into Knowledge via KT

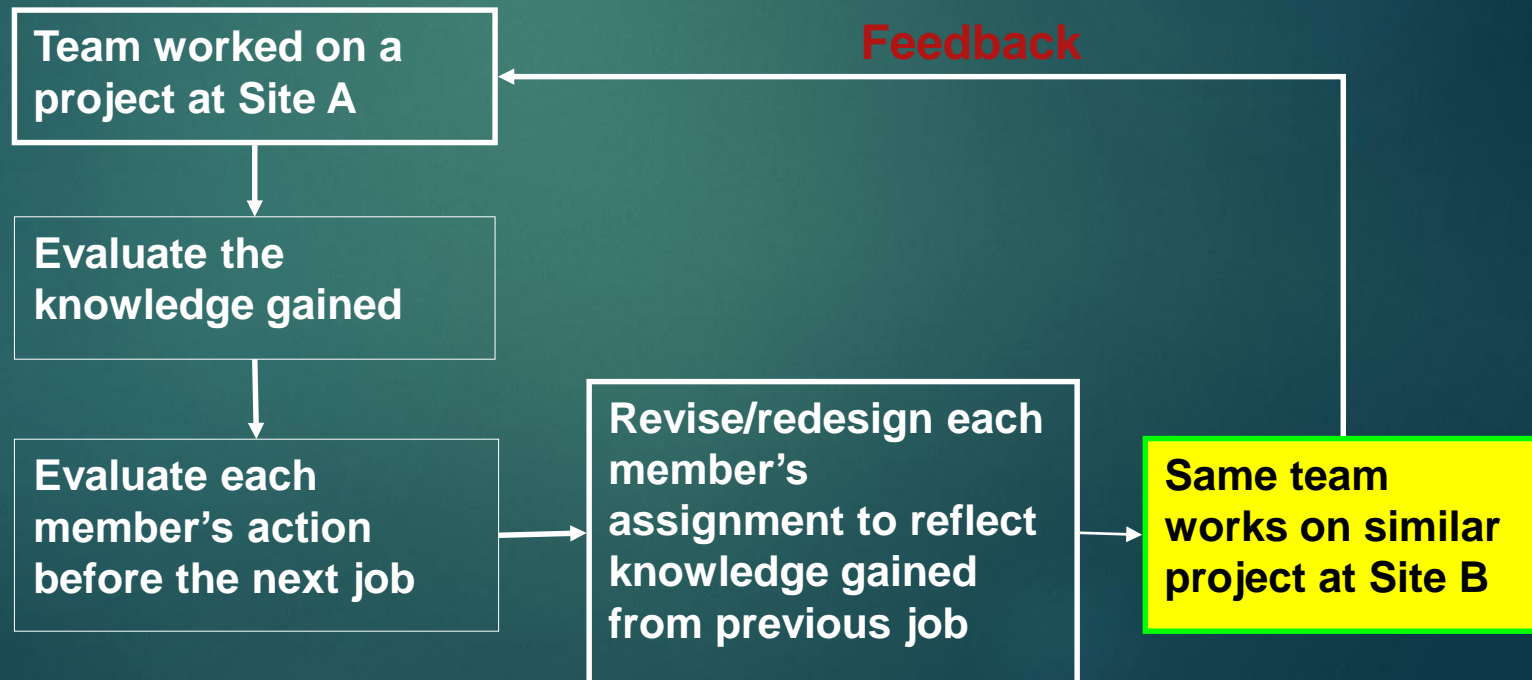
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Strategies of Knowledge Transfer (1/3)

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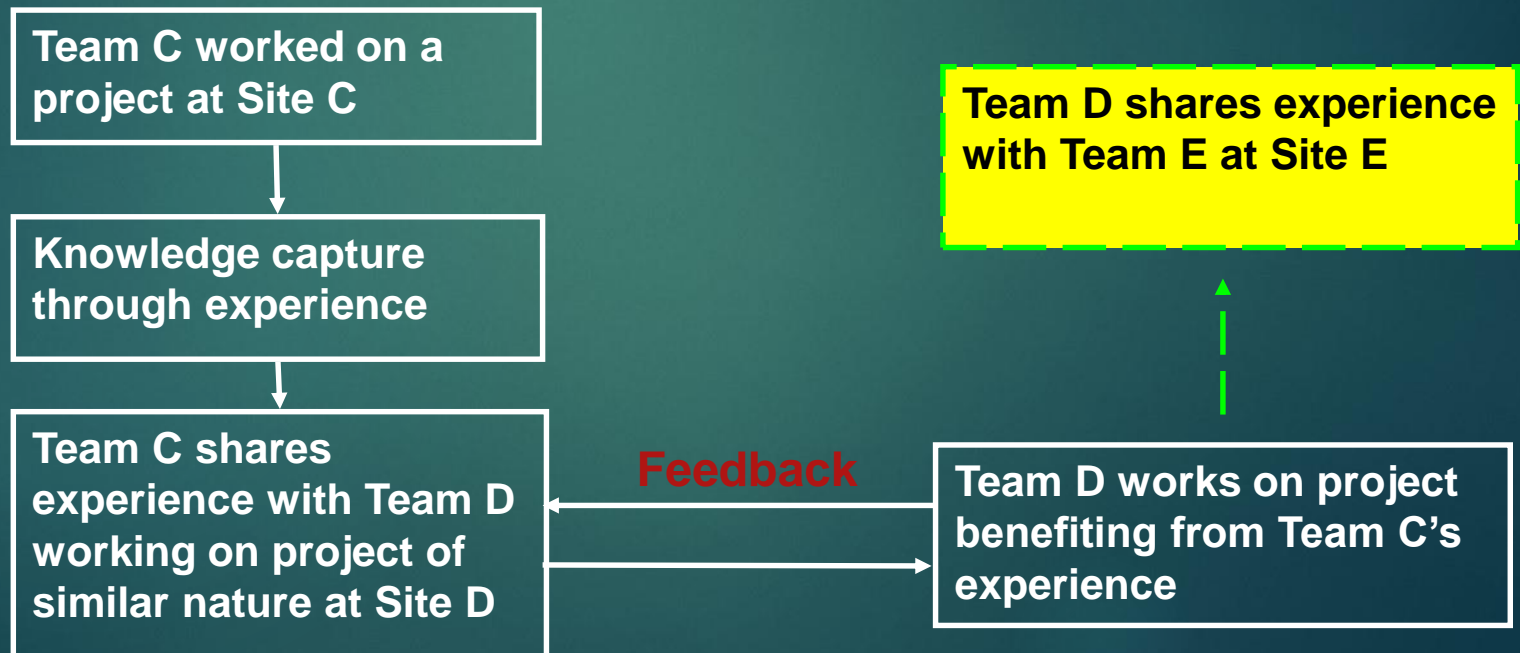
- Collective sequential transfer —specialized team performs same function at other sites



Strategies of Knowledge Transfer (2/3)

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- Explicit Inter-team Transfer — one team shares experience with another working on a similar job at another site



Strategies of Knowledge Transfer

(3/3)

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- ▶ Tacit knowledge transfer — unique in complex, non-algorithmic projects, where knowledge is mentally stored



- ▶ Knowledge have to be modified in language, tone, and content to be usable

Role of Internet in Knowledge Transfer & Sharing

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- ▶ Accommodates knowledge exchange and communication
- ▶ Allows sending messages to multiple persons simultaneously
- ▶ Offers a variety of services
- ▶ Integrates systems and networks

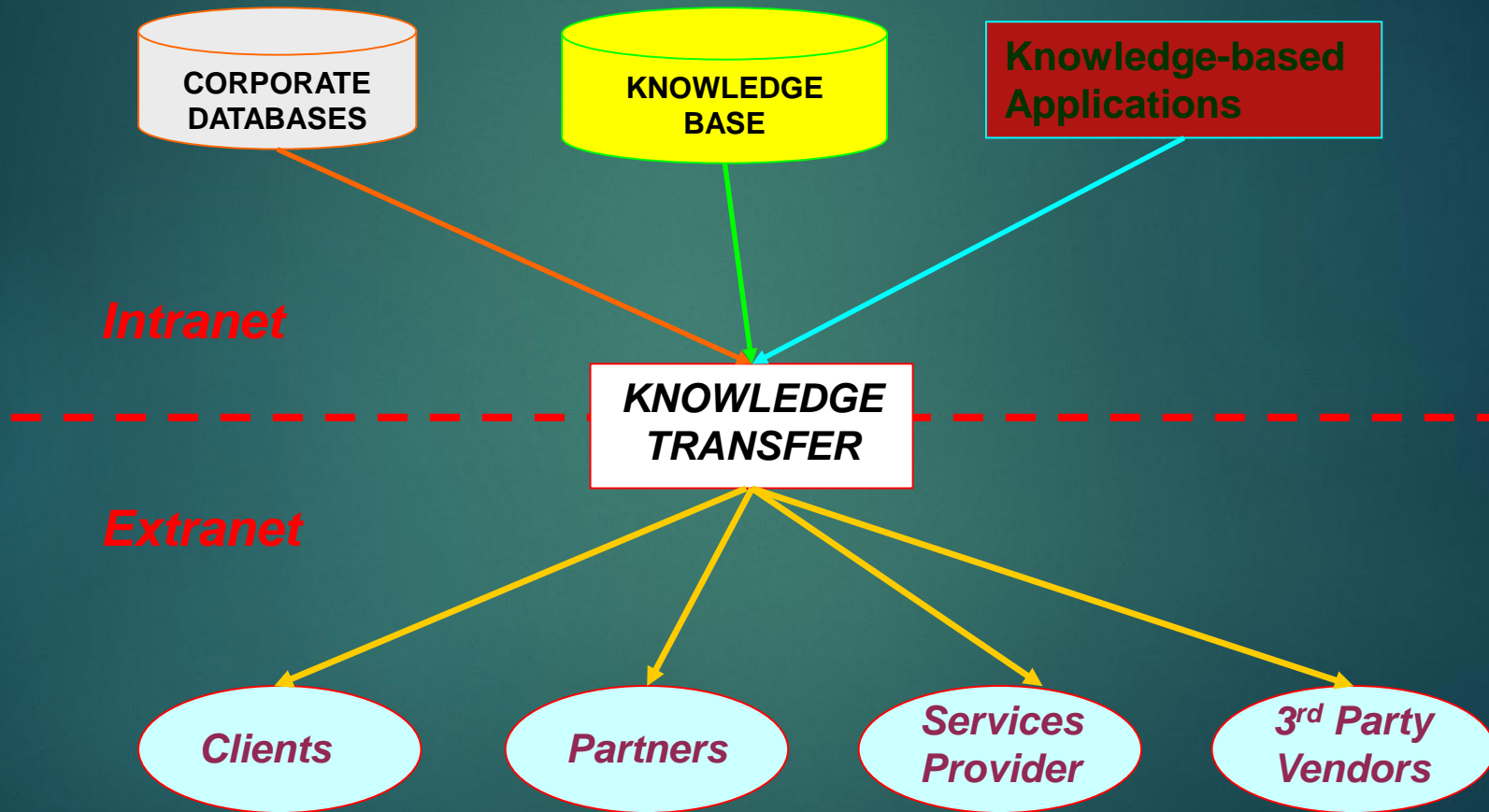


KNOWLEDGE TRANSFER IN THE E-WORLD

Knowledge Transfer & Sharing in E-World

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Knowledge Sources



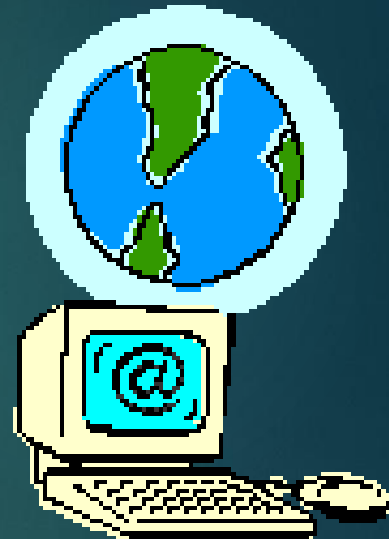
Knowledge Consumers

The E-World (Internal)

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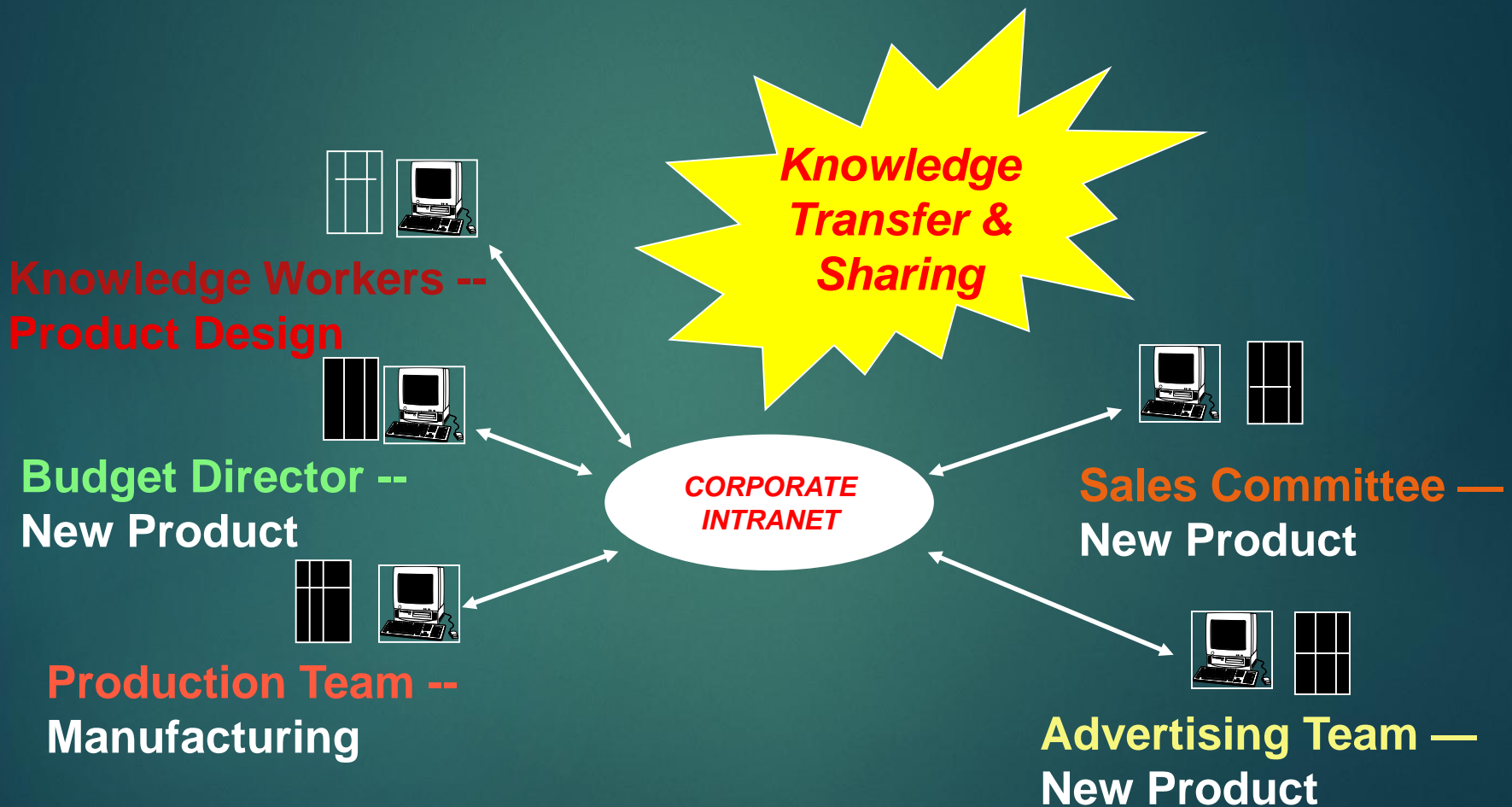
Intranets

- ▶ Internet technology to serve the internal needs of an organization
- ▶ Link knowledge workers and users (like line managers) 24 hrs a day
- ▶ Justified when number of employees is moderate to large (e.g., 100 employees or more)
- ▶ Justified when the needed knowledge must reach its destination in a hurry



Intranet - A Conceptual Model

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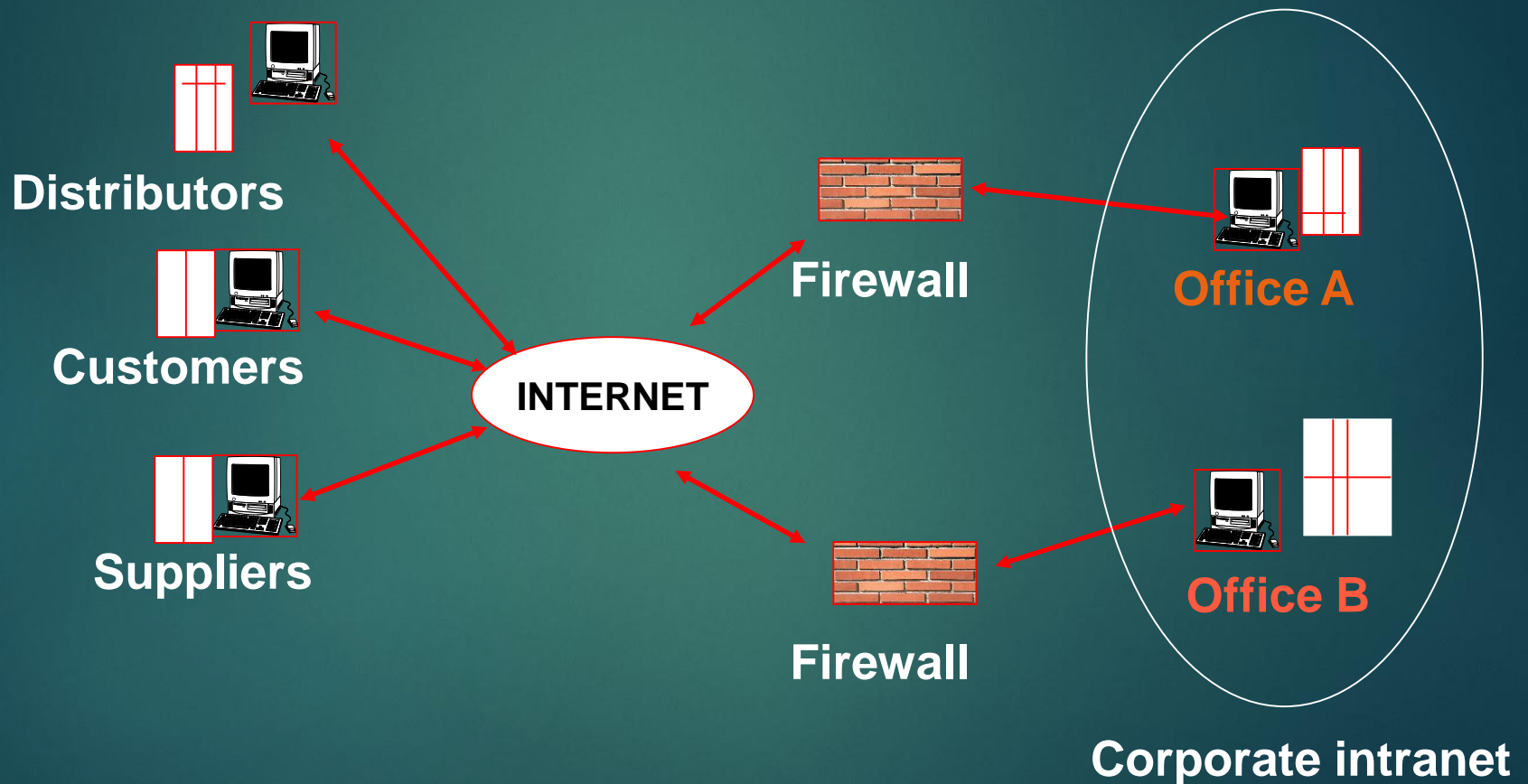
The E-World (External)

Extranet for Knowledge Exchange

- ▶ A company Web site linking two or more trading partners (B2B)
- ▶ System designers at each participating company must collaborate to ensure a common interface
- ▶ **Backbone of E-commerce**
- ▶ **Benefit:** Faster time to market, increased partner interaction, and customer loyalty

General Extranet Layout

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Extranets (cont'd)

- ▶ Extranets ensure lasting bonds between partners and corporate members
- ▶ Support from management is essential to success
- ▶ Extranets are the technical community to generate revenue and ensure competitive advantage

Groupware

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- ▶ Software that helps people work together from a distance
- ▶ Facilitates knowledge transfer between knowledge seekers and knowledge providers
- ▶ Categorized by whether users are working face-to-face or in different locations
- ▶ Categorized also by whether users are working together at the same time or different times

Groupware Categories

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*Same Place
(colocated)*

*Different Place
(distance)*

*Same Time
(synchronous)*

***Voting,
Presentation support***

***Chat room,
Teleconferencing***

*Different Time
(asynchronous)*

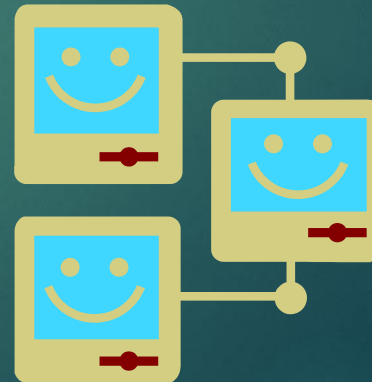
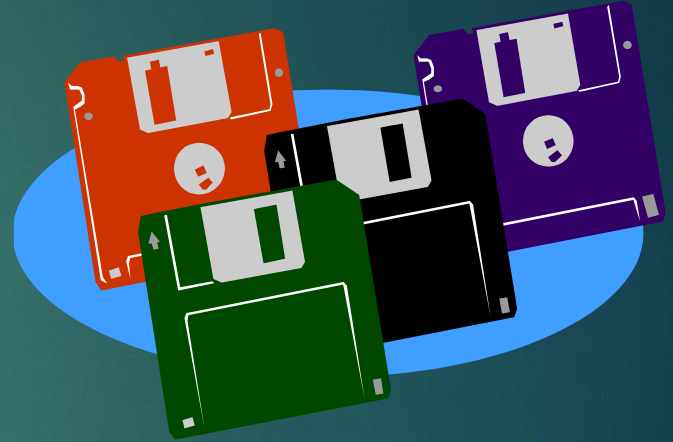
***Shared
computers***

***Workflow process,
E-mail***

Prerequisites for Success (Groupware)

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- ▶ Compatibility of software
- ▶ Perceived benefit to every member of the group
- ▶ Successful structure of communication

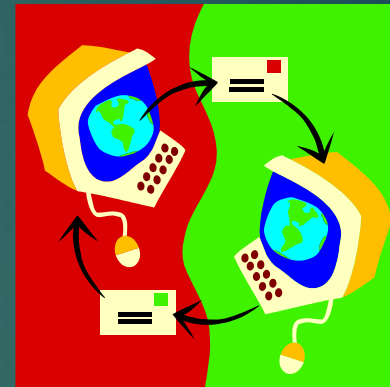


Groupware Applications

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► E-Mail

- Intranet and e-mail complement each other in knowledge transfer and communication within an organization
- Unified “content management” and “messaging services”
- Becoming a standard for knowledge dissemination of all kinds



Groupware Applications (cont'd)

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- ▶ Newsgroups and work-flow systems
- ▶ Chat rooms
- ▶ Video communication
- ▶ Knowledge sharing groupware
- ▶ Group calendaring and scheduling



E-Business

- ▶ Brings universal access to Internet to core business process of exchanging information
 - ▶ between businesses,
 - ▶ between people within a business,
 - ▶ between a business and its many clients
- ▶ Connects critical business systems directly to critical constituencies

E-Business (cont'd)

- ▶ Enables companies to accomplish these goals:
 - ▶ Create new products or services
 - ▶ Build customer loyalty via knowledge exchange/sharing
 - ▶ Enrich human capital by direct knowledge transfer
 - ▶ Use current technologies for R&D and creation of new knowledge for new products and services
 - ▶ Achieve market leadership and competitive advantage

E-Business - Problems and Drawbacks

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- ▶ System and knowledge integrity
- ▶ Viruses cause unnecessary delays, file backups, storage problems, etc.
- ▶ Danger of hackers accessing files and corrupting accounts
- ▶ Corporate vulnerability to access by the competitor

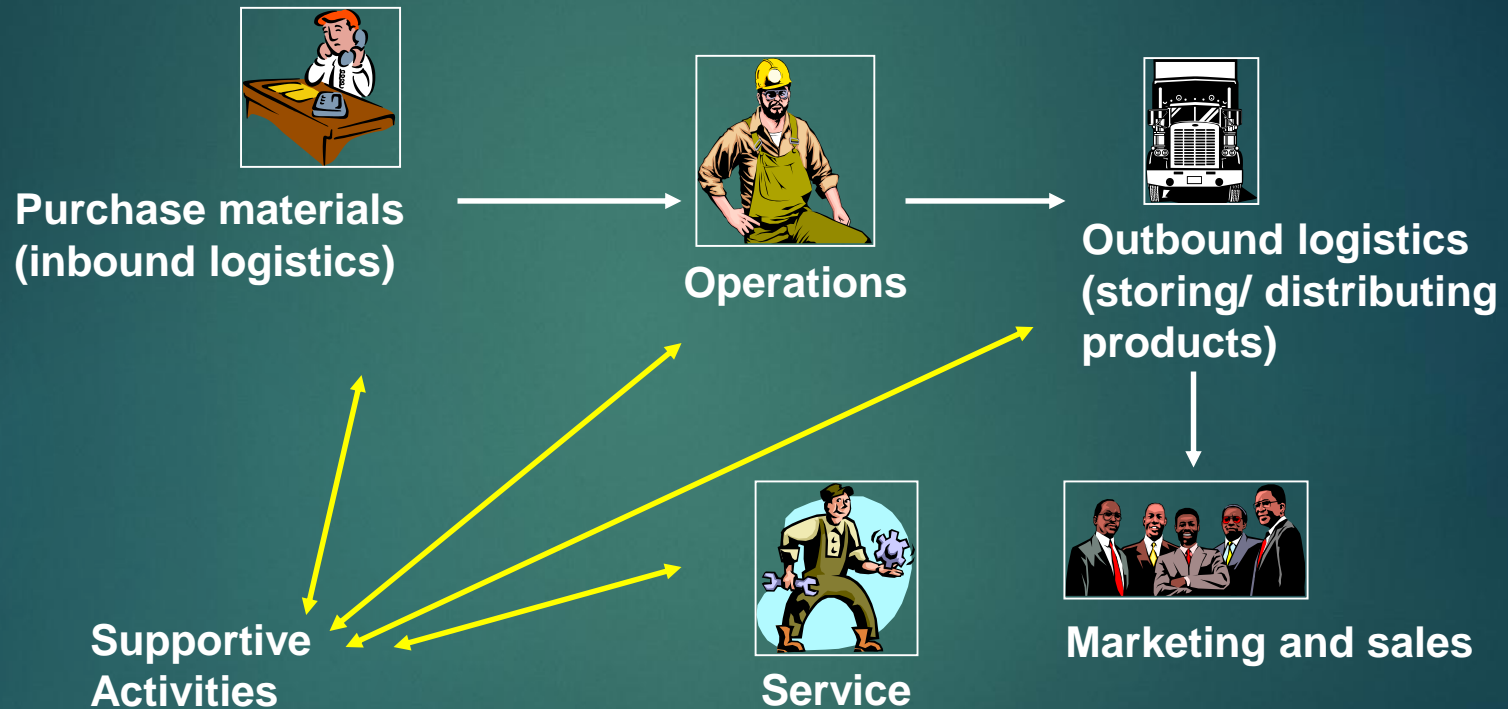
The Value Chain in E-Business

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- ▶ A way of organizing primary and secondary activities of a business, where each provides “value added” to total operation
- ▶ A way of looking at how various knowledge exchange adds value to adjacent activities and to the company in general
- ▶ Everywhere value is added is where knowledge is created, transferred, or shared

A Knowledge-Based Value Chain

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Corporate Infrastructure
(planning, finance, accounting
legal services, etc.)



Human
Resources



Technology
Development

Procurement

Supply Chain Management

33

- ▶ SCM means having the right product in the right place, at the right time, at the right price, in the right condition
- ▶ Requires collaboration, knowledge sharing of logistics, and consensus among knowledge workers and suppliers
- ▶ Employs powerful tools to allow companies to exchange and update information
- ▶ **Goals of SCM are improving efficiency and profitability**

Customer Relationship Management (CRM)

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- ▶ Goal is to improve relationship management with customers and supply chain partners
- ▶ A business strategy to learn more about customers' needs and behavior to develop stronger relationships with them

Benefits of CRM

- ▶ Increased customer satisfaction
- ▶ Cross-selling products efficiently
- ▶ Making call centers more efficient
- ▶ Simplifying marketing and sales processes
- ▶ Discovering new customers

Critical Operational Components for CRM

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- ▶ Personalization services
- ▶ Secure services to enforce security rules
- ▶ Publishing services to document location and meaning of business content
- ▶ Access services to help users find and access portal content
- ▶ Subscription services to deliver business content via e-mail, fax, or other media

Critical Analytical Components for CRM

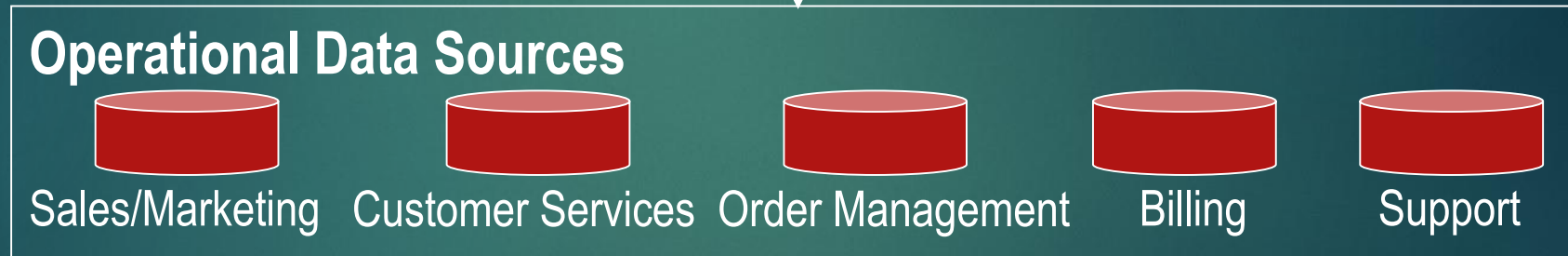
37

- ▶ Capture very large volume of data and transform it into analysis formats to support enterprise-wide analytical requirements
- ▶ Process and deploy quickly the intelligence gathered from analytical environments

Customers, Partners, Employees, Suppliers

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Portal	Presentation Layer		
	Personalization Services	Application Services	Secure Services
	Publishing Services	Subscription Services	Collaboration Services
	Access/Search Services	Download Centre	Work-flow Services
	Registration Wizard	Bulk Import Services	Digital Dashboard



Access Layer

Typical CRM Network

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