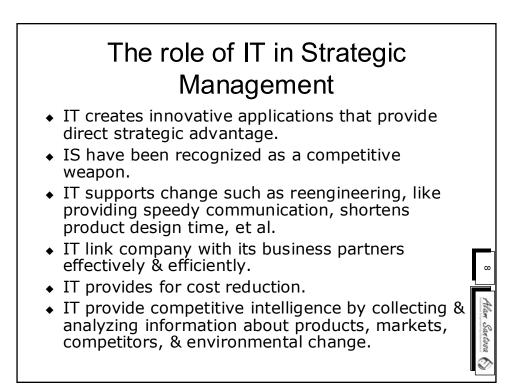
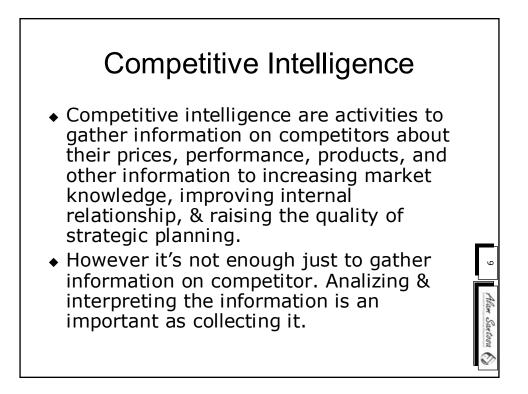
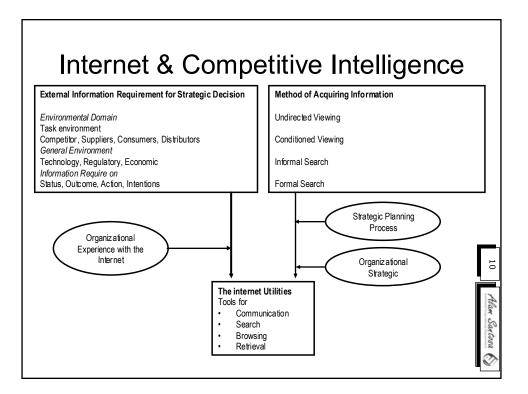


Areas of IT Related to Technological Innovation

- New business models
- New markets
- New product
- Extend products
- Differential products
- Super systems
- Customer terminals
- Computer-aided sales







Porter's Competitive Force Model & Role of IT

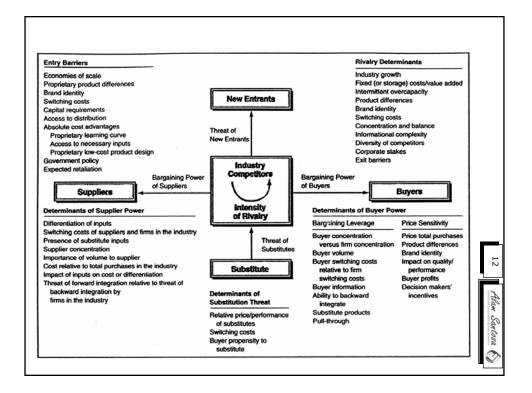
- The five major force that could endanger a company's position:
 - The treat of entry of new competitors
 - The bargaining power of suppliers
 - The bargaining power of buyers
 - The treat of substitute products or services

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 The rivalry among existing firm in industry





- Cost Leadership. Produce product and/or services at the lowest cost in the industry.
- Differentiation. Be unique in industry.
- Focus. Select a narrow-scope segment and achieve either a cost leadership or a differentiation strategy in this segment.
- Growth. Increase market share, acquire more customer, or sell more product.
- Alliances. Work with business partners, creates synergy, concentrate on their core business & provide opportunity for growth.
- Innovation. Develop new product & services, new features, & new way to produce.

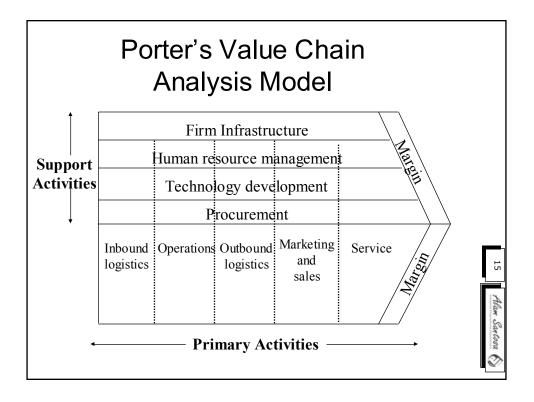
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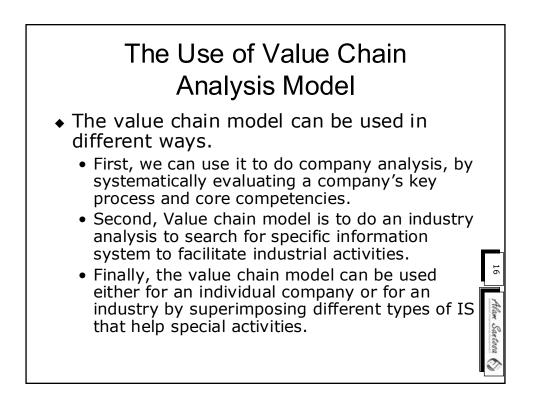
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- Improve internal efficiency.
- Customer-oriented approach & CRM.

Key Force Impacting the Industry Business Implications	Potential IT Effects
Threat of new entrants Additional capacity Reduced prices New basis for competition Buyer power high Forces prices down Higher quality demanded Service flexibility required Encourages competition Raises prices/costs Reduces quality of supply Reduces availability Supplier power high Raises prices/costs Reduces quality of supply Reduces availability Substitute products threatened (Immuses price, ceilings) Immuses price, ceilings Intense competition from rivals Increases price competition Spurs product development Makes distribution and service critical Customer loyalty required	Provide entry barriers/reduce access by: • exploiting existing economies of scale • differentiating products/services • controlling distribution channels • segmenting markets Differentiate products/services and improve price/ performance Increase switching costs of buyers Facilitate buyer product selection Implement supplier sourcing systems Extend quality control into suppliers Do forward planning with suppliers Do forward planning with suppliers Do forward planning with suppliers Improve price/performance Redefine market segments Improve price/performance Differentiate products and services in distribution (channel and to consumer—understand the use requirements





Strategic Information System Frameworks

- 1. Assess information intensity.
- 2. Determine the role of IT in the industrial structure.
- 3. Identify & ranked the way in which IT can create competitive advantage.
- 4. Investigate how IT might spawn new business.
 - What information generated by the business should be sold?

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- What IT capacities exist to start a new business?
- Does IT make it feasible to produce new items related to organization's current products?
- 5. Develop a plan for taking advantage of IT

