



Does IT matter?

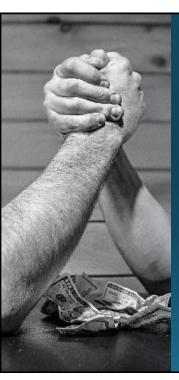
No?

Nicholas Carr argued that IT is infrastructure, much like electricity, too commonplace to offer a competitive advantage

Yes?

It is not just networks and computers. The important part is the software and information and how IT is used

3



Competitive Forces

To succeed, a business must develop strategies to counter these forces...

- ✓ Rivalry of competitors within its industry
- New entrants into an industry and its markets
- ✓ Substitute products that may capture market share
- ✓ Bargaining power of customers
- ✓ Bargaining power of suppliers

Michael Porter - 5 Forces

https://www.youtube.com/watch?v=PeN1pvahsSA



	Five Com	ipe	titive Strategies
	Cost Leadership		Become low-cost producers Help suppliers or customers reduce costs
©	Differentiation Strategy		Differentiate a company's products from its competitors' Focus on a particular segment or niche of market Example: IKEA has a 3D room designer feature
	Innovation Strateg	у	Unique products, services, or markets Radical changes to business processes
***	Growth Strategy		Expand company's capacity to produce Expand into global markets Diversify into new products or services
No.	Alliance Strategy	compe Include	ish linkages and alliances with customers, suppliers, etitors, consultants, and other companies es mergers, acquisitions, joint ventures, virtual companies ele: Wal-Mart uses automatic inventory replenishment by supplier

Using Competitive Strategies

These strategies are **not mutually exclusive**

- Organizations use one, some, or all
- A given activity could fall into one or more categories of competitive strategy



7

Business Strategy	Use of IT	Example	
Lower Costs	Reduce costs of business processes Lower costs of customers / suppliers	Automate data integration with third parties	
Differentiate	Develop new IT features to differentiate products / services Use IT features to reduce the differentiation advantages of competitors	Online web aids – e.g. a designer web app for rooms	
Innovate	Create new products and services that include IT components Make radical changes to business processes	Automate / combine business processes – e.g. expense claim management and VAT processing services	
Promote Growth	Use IT to manage regional and global business expansion Use IT to diversify and integrate into other products and services	Common IT infrastructure over multiple sites	
Develop Alliances	Use IT to create virtual organisations of business partners Develop inter-enterprise information systems	Supply chain IT integration with multiple stakeholders	
		nent Basic Strategies Ise of Information Technology	



Other Competitive Strategies

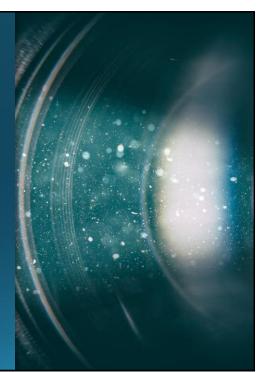
- > Lock in Customers and Suppliers
 - > Deter them from switching to competitors
- Build in Switching Costs
 - Make customers and suppliers dependent on the use of innovative IS
- Erect Barriers to Entry
 - Discourage or delay other companies from entering the market
 - Increase the technology or investment needed to enter
- > Build Strategic IT Capabilities
 - Take advantage of strategic opportunities when they arise
 - > Improve efficiency of business practices
- Leverage Investment in IT
 - Develop products and service that would not be possible without a strong IT capability

10

Customer Focused Business & the Value Chain

Customer-Focused Business

- What is the business value in being customer-focused?
 - ✓ Keep customers loyal
 - ✓ Anticipate their future needs
 - ✓ Respond to customer concerns
 - Provide top-quality customer service
- Focus on customer value what does the customer value
 - Quality, not price, has become the primary determinant of value
 - ✓ Consistency

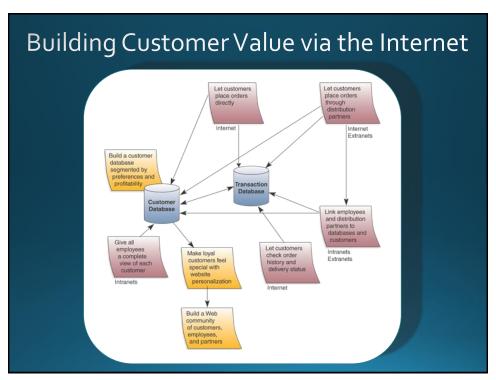


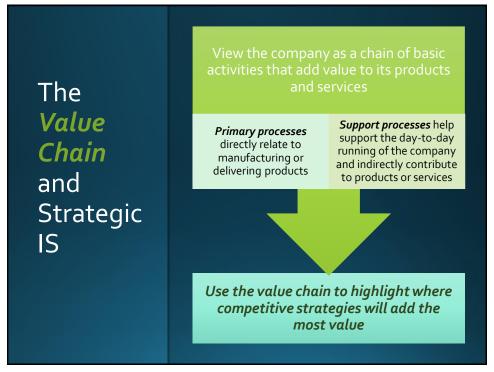
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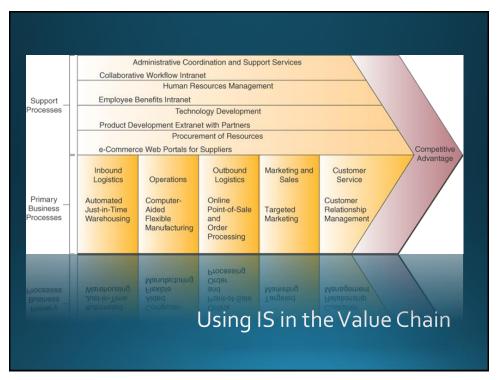


Providing Customer Value

- Companies that consistently offer the best value from the customer's perspective...
 - ✓ Track individual preferences
 - ✓ Keep up with market trends
 - ✓ Provide convenience supply products, services, and information anytime, anywhere
 - ✓ Tailor customer services to the individual
 - ✓ Use Customer Relationship Management (CRM) systems to focus on the customer

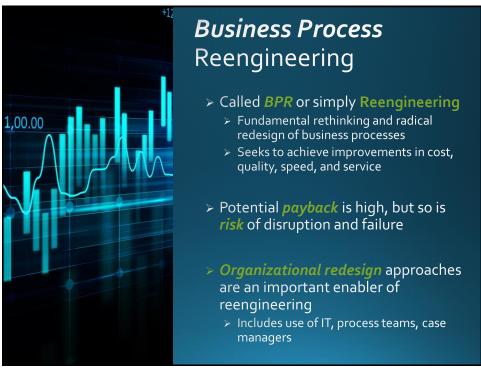






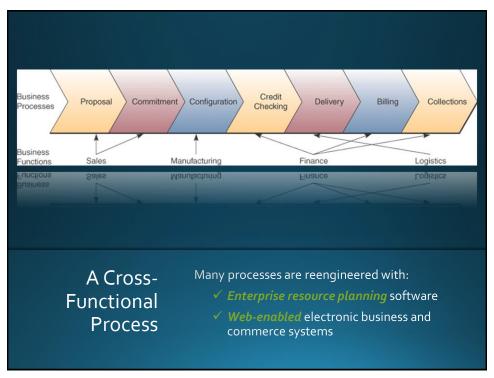


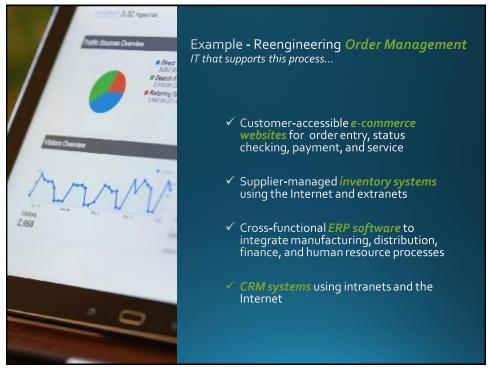




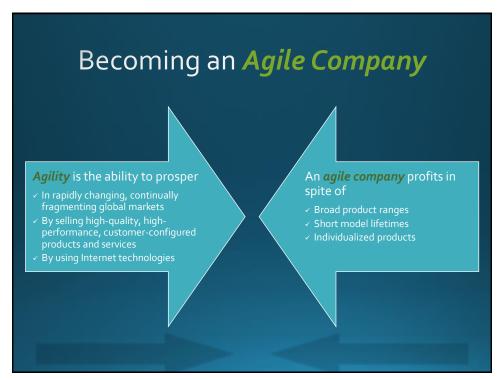
	ВРО	BPR
Where do you start?	With existing processes	From the ground up
What kind of change?	Incremental	Radical
Change to processes?	New versions	New processes
Effort	Low but continuous	High and abrupt
Drivers	Operations	Directive
IT leveraging	Low to medium	High
Risk	Moderate	High
BPR Ver	rsus Business Process	s Optimisation (BPO)













Agility	Description	Use of IT	Example
Operational	Exploit innovation opportunities (speed, accuracy, cost economy)	Technologies for loose coupling and business process integration	Integrated trading between the business, its customers and its suppliers E.g. use of ERP and integration middleware
Leverage customer bas (source of idea, co- creators, use to test new ideas)		Technologies for building customer communities for feedback, product ideas and testing	Use of CRM, integrated social media and customer forums for feedback, product direction, problem resolution
Partnering	Leverage assets, knowledge and competencies of suppliers, distributors and manufacturers	Technologies for interenterprise collaboration	Use SCM and integration middleware. E.g. automatic product / materials replenishment through real-time connectivity
	-		
	How IT He	lps a Compa	ny be Agile







Building a Knowledge-Creating Company A knowledge-creating company or learning organization: ✓ Consistently creates new business knowledge ✓ Disseminates it throughout the company ✓ Builds it into its products and services Two kinds of knowledge Explicit Knowledge Data, documents, and things written down or stored in computers ➤ The "how-to" knowledge in workers' minds > Represents some of the most important information within an organization > A knowledge-creating company makes tacit knowledge available to others

