

Managing Information in Organizations

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Chapter 10 Information in E-Business

Link 10.2 Checklist for Assessing Information Management Challenges with E-Business

This checklist supports Figure 10.2: E-Business-Led Organizational Transformation.

Formal Organizational Architecture	Key Questions to Consider Impact on Organizational Architecture
Technology	<ul style="list-style-type: none">○ What IT will be required?○ What data will need to be transmitted?○ What data will need to be received?○ What format will be required for the data?
Security	<ul style="list-style-type: none">○ What are the threats to the data transmitted?○ What security controls will be needed?○ What are the security classifications of the data to be transmitted?○ What are the legal issues relating to the data to be transmitted?○ How will the confidentiality of data be secured?
Strategy	<ul style="list-style-type: none">○ How will e-business affect the organization's relationship with the trading partner?○ What are the benefits and risks associated with changing the relationship?○ How does e-business add value to the organization and its services?○ How does e-business relate to the organization's strategy?
Systems	<ul style="list-style-type: none">○ Which information systems will be affected?○ What changes will be needed to the information systems?○ What data will be required from, and received by the information system?○ How are the data defined and used?
Business Processes	<ul style="list-style-type: none">○ What business processes will need to use data from the e-business system?○ What business processes will provide data to the e-business system?○ How will business processes need to change?○ How will any changes to the business processes change the data each process requires?

People	<ul style="list-style-type: none"> ○ Which staff are involved in business processes that are affected? ○ How will the change in business processes affect staff? ○ How will any changes to staffing affect the data required?
Infrastructure	<ul style="list-style-type: none"> ○ What changes are needed to the IT infrastructure? ○ What changes are needed to the organizational structure? ○ What changes are needed to physical and geographical structures? ○ How will the changes impact the data needed to coordinate activities? ○ How will the changes affect the coordination of data?
Culture	<ul style="list-style-type: none"> ○ How do the changes impact the culture of the organization? ○ How will any change of culture affect how data are used?
Informal Organizational Architecture	Key Questions to Consider Impact on Organizational Architecture
Socio-technical	<ul style="list-style-type: none"> ○ How does the e-business system impact the way people and technology work together in the organization? ○ How will any change affect the information needed?
Trust	<ul style="list-style-type: none"> ○ How will the e-business system affect trust between staff in the organization? ○ How will the e-business system affect trust in the trading relationship? ○ How will any change affect how information is used?
Vision	<ul style="list-style-type: none"> ○ How do the benefits and challenges of the e-business systems align with the vision of the organization? ○ How does it affect the way information supports the organization?
Human Activity System	<ul style="list-style-type: none"> ○ How will the e-business system change the activities completed by people in the organization? ○ How will changes affect the information required? ○ How will changes affect the way in which information is used?
Practices	<ul style="list-style-type: none"> ○ How will the e-business system change the way people in the organization undertake their activities? ○ How will any change affect the information required?
Skills	<ul style="list-style-type: none"> ○ What skills will people in the organization need to undertake the activities with the e-business system? ○ How do the skills differ to the existing skills of staff in the organization? ○ How will any change affect the information required?
Architecture	<ul style="list-style-type: none"> ○ What changes are needed to the organization's architecture? ○ How will the changes affect the requirements for information?

Values	<ul style="list-style-type: none">○ How does the e-business system align with the value of the organization?○ How will any change affect the qualities and characteristics of information required?
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