

e-Business Infrastructure Optimization Service tackles a new wave of IT demands

Are you one of thousands of IT managers whose e-business infrastructure has become a complex mixture of technologies, facilities, and operational disciplines in response to new business initiatives? Planning for these initiatives can be challenging, especially in the face of unanticipated acquisitions or mergers, or sudden increases in market demand. The resulting complexity gives rise to a host of problems. Operations become difficult to manage and troubleshoot, components are widely dispersed, costs skyrocket, and performance reaches an all-time low.

Hitachi Data Systems' e-Business Infrastructure Optimization Service is designed to help you achieve your e-business objectives—reduce complexity, simplify the workload, increase availability, broaden scalability, and improve manageability. Focusing on the three major areas that can have the greatest impact on your operations—applications, data, and network infrastructure and processes—we identify the level of complexity within the environment, gain an understanding of the end-to-end flow of information, and examine how individual e-business components interact. Then, we work with you to develop a strategy that will reduce the complexity of your infrastructure. We can also help you establish the infrastructure for your e-business initiative.

Approach

Our approach draws on the experience of some of the largest and most advanced S/390® users in the world. Add to this the continuing efforts in our quality assurance labs, and you can be confident that the assessment and redeployment of your infrastructure stays safely within your targeted goals.

The e-Business Infrastructure Optimization Service consists of three critical stages that are typical of any complex optimization project—Assessment, Strategy Development, and Implementation.

Stage 1—Assessment. Based on Hitachi Data Systems' methodology, we profile your company's e-business objectives and the IT/business drivers it uses for technical architecture design and deployment. We use unique processes in conjunction with on-site data gathering techniques to map applications, servers, and networks into a high-level inventory of the existing technical infrastructure.

The e-business technology mapping, profile of e-business objectives, and current IT business drivers help formulate an e-business technology mosaic. (See Figure 1.) Encased within the mosaic are the traditional

		Priority 1	Priority 2	Priority 3
E-Commerce Applications	Customer Mapping	System Mapping	Software Language	Databases
Systems	Application Mapping	Platform/Models/Vendors	Physical Placement	
Networks	Server Mapping	Platform/Models/Vendors	LAN Technology	Protocols

Qualities and other Considerations

- Performance
- Availability
- Scalability
- Operations

Figure 1 Technology Mosaic—Business and Technical Drivers/Requirements

Our thorough review identifies the elements of an e-business infrastructure that must be considered when realigning operations.

technology adoption factors such as performance, availability, and scalability. At this point, an e-business infrastructure assessment and gap analysis can be performed.

Stage 2—Strategy Development. The gap analysis is our primary source in formulating your e-business Strategy Blueprint. We create a roadmap for deploying the technical architecture to meet the e-business integration objectives that are critical to your corporation.

Stage 3—Implementation. Hitachi Data Systems provides experienced project managers and subject matter experts to help your staff build the optimized e-business infrastructure according to the Strategy Blueprint.

Deliverables

- Strategy report and presentation
- Assessment approach
- Findings and strategy blueprint organized by critical priority
- Recommendations
- Tactical and strategic implementation plans
- Implementation management
- Project management
- Subject matter expertise
- Quality assurance.

Benefits

The backbone of the e-Business Infrastructure Optimization Service is a strong methodology. Armed with detailed documentation and embedded quality control techniques, our consultants and technical specialists uncover all of your issues, address all of your concerns, and provide you with the best foundation for exploiting your e-business initiatives.

When you want to improve the return on your e-business investment, the e-Business Infrastructure Optimization Service provides the answers you need to take action, including information that will help you to:

- Reduce complexity by simplifying your environment
- Increase availability by identifying potential problem points and developing remediation plans
- Improve performance and scalability by reengineering information process flows
- Reduce unscheduled downtime by enhancing proactive enterprise management
- Manage your total cost of ownership.

To support the e-Business Infrastructure Optimization Service, we also offer several other types of assistance:

- *Business continuity* services ensure the sustainability of your e-business applications.
- *Intraplex* services increase the availability and performance of your back-end processes.
- *Server consolidation* services simplify the management of your IT infrastructure.
- *Customized on-site* training services meet your specific needs.

Hitachi Data Systems— Transforming IT into Business Agility

Hitachi Data Systems' mission is to transform information technology into business agility by delivering enterprise-wide information management solutions to customers across the globe. These solutions are built on the world's leading IT foundation products for S/390, Microsoft® Windows NT®, and UNIX® platforms. By providing the extreme availability and performance required for high-volume on-line transactions, Hitachi Data Systems' IT foundation supports the critical demands of globalization, consolidation, and e-commerce. Alliances with the industry's key software/hardware providers leverage Web-based technologies, storage area networks, and knowledge-building applications. And Hitachi Data Systems' professional services team integrates these diverse capabilities to secure the well-oiled information technology infrastructure that underlies true business agility.

For more information about the e-Business Infrastructure Optimization Service, please contact DataCenterServices@hds.com

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