

Enterprise Server Consolidation Service

As the principal element of risk and the greatest contributor to higher costs and lost opportunities, “complexity” is a dreaded word for today’s businesses. Complexity can increase geometrically with the number of installed components, reducing service levels, lowering customer satisfaction, enlarging budget overruns, and diminishing the return on investment.

The biggest contributors to complexity are growth, corporate mergers and acquisitions, and the competitive push to meet unbridled Internet-based demands. These business drivers can make departments sacrifice careful planning in favor of quick fixes that create a confusing network of unmanageable servers. The biggest signals of complexity in an IT environment are unscheduled downtime, poor performance, increased need for in-house support, and unanticipated costs for operations, hardware/software, bandwidth, and infrastructure management.

Hitachi Data Systems’ Enterprise Server Consolidation Service can turn a complex infrastructure into a lean and efficient computing enterprise primed to compete in today’s business environment. We streamline and consolidate your resources not only to reduce complexity but also to increase reliability and availability. The accompanying benefits are numerous—better performance, greater utilization, tighter security, lower operating costs, reduced software costs, greater flexibility, increased productivity, increased business opportunities, simplified planning and troubleshooting,

optimized operations and logistics, and better management and control.

You know you’re an excellent candidate for this service if your organization features any of the following:

- Multiple data centers/S/390® footprints
- Poor or declining application response times
- Cost management requirements
- Application capacity limitations on current platforms
- Scalability limitations
- Enterprise consolidation through a merger or acquisition.

Stages

The Enterprise Server Consolidation Service consists of three stages relevant to any complex consolidation project: Assessment, Strategy Development, and Implementation.

Stage 1—Assessment. Based upon a methodology developed by Hitachi Data Systems, this stage profiles your business objectives and your IT/business drivers for growth. We use unique Hitachi Data Systems processes in conjunction with on-

site data gathering techniques to map a high-level inventory of your existing infrastructure. The map covers such factors as system organization, operation and processes, operating system platforms, applications and licensing costs, and network components.

By combining the information from the infrastructure map, the business objectives profile, and the IT business drivers, we define the current “as is” environment and your requirements for performance, availability, and scalability. A business infrastructure assessment and gap analysis follow.

The deliverables for the Assessment stage include an Image Consolidation Workshop and an Assessment Presentation which describes the identified gaps against your server consolidation objectives.

Stage 2—Strategy Development. We identify the specific “to be” environment and outline the strategies, costs, and activities involved in implementing the consolidation suggested in the Assessment Report. Once a strategy is agreed upon, we develop an optimal design model including configuration, hardware, and application inventory, as well as the process for implementation. The plan may target the following components for consolidation, optimization, or development—hardware for S/390 and other platforms, and system software including transaction and database managers, application systems, batch processes, systems management and operational pro-

cesses, network capacity and performance, required skill sets, disaster recovery, and business continuity updates. The deliverables for this stage include a Strategy Report.

Stage 3—Implementation. Our project management and subject matter experts provide detailed project planning assistance. They help you implement the consolidation, working with your staff to perform the necessary hardware and software migration and configuration changes, migrate and reconfigure network components, implement operations and systems management changes, optimize and tune the new system, and implement changes to the batch workload.

Approach

The backbone of this offering is a sound methodology with detailed documentation and strong quality control. This ensures that our consultants cover all issues, address all concerns, and provide the best foundation for addressing your consolidation requirements. The Hitachi Data Systems approach draws on our experience with some of the largest and most advanced S/390 users in the world, giving you the confidence for a successful transition to an environment that fits your requirements. Add to this the continuing efforts in our quality assurance labs, and you can be confident that the assessment and re-deployment of your infrastructure stays safely within your targeted goals.

Year after year, Hitachi Data Systems service experts have topped Datapro's survey of mainframe users, consistently earning the highest ratings in service responsiveness and overall customer satisfaction. We work with you to capitalize on your current IT assets, assessing all the solutions to your business challenges, not just the easy ones. We help you achieve simplification and greater manageability of your IT assets while reducing your total cost of ownership.

Benefits

The Enterprise Server Consolidation Service leverages every facet of your IT environment to help your organization gain competitive leadership. Multiple footprints, mergers and acquisitions, and unpredictable growth, all add to the complexity of the computing environment.

By reducing the number of components that need to be managed and maintained, and by ensuring capacity for unpredictable use and growth, we can simplify the design of the infrastructure, minimize complexity and risk, and reduce the overall cost of managing the enterprise.

The Enterprise Server Consolidation Service gives you an infrastructure that:

- Reduces complexity by simplifying your environment
- Increases availability by reducing risk and eliminating unnecessary components
- Improves performance through consolidation and reengineering of information process flows
- Reduces unscheduled downtime by enhancing proactive enterprise management
- Improves manageability of software and hardware costs by eliminating redundant and obsolete inventory.

Related services

Hitachi Data Systems offers complementary services for:

- Software Portfolio Review and Analysis
- Business Continuity
- Parallel Sysplex® Exploitation (IntraPlex and XtraPlex)
- E-business Infrastructure Optimization.

The Software Portfolio Review and Analysis Service is closely related to the Enterprise Server Consolidation offering, and is often conducted in concert with it. Flexibility in server consolidation onto larger, fewer platforms can be enhanced by enabling effective management of software costs that could otherwise be incurred through consolidation of a larger number of small servers onto fewer large footprints.

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 Enterprise Server Consolidation Service, please contact us at DataCenterServices@hds.com

Hitachi Data Systems

www.hds.com

Corporate Headquarters

750 Central Expressway
Santa Clara, California 95050-2627
U.S.A.
(408) 970-1000
info@hds.com

Asia Headquarters

39-09 Tower One
Lippo Centre
89 Queensway
Hong Kong
2525-2385
infoasia@hds.com

Australia/New Zealand Headquarters

11-17 Khartoum Road
North Ryde NSW 2113
Australia
02-9325-3300
info@hds.com.au

Canada Headquarters

380 Saint-Antoine Street West
Suite 7000
Montreal, Quebec H2Y 3X7
Canada
(514) 982-0707
info@hdsCanada.com

Europe Headquarters

Sefton Park
Stoke Poges
Buckinghamshire SL2 4HD
United Kingdom
01753-618000
info@hds.co.uk

Latin America Headquarters

750 Central Expressway, MS 3468
Santa Clara, California 95050-2627
U.S.A.
(408) 970-7447
infoLatin@hds.com

U.S. Headquarters

750 Central Expressway
Santa Clara, California 95050-2627
U.S.A.
(408) 970-1000
ussalesinfo@hds.com

Hitachi Data Systems is registered with the U.S. Patent and Trademark Office as a trademark and service mark of Hitachi, Ltd. The Hitachi Data Systems logotype is a trademark and service mark of Hitachi, Ltd.

S/390 is a trademark of International Business Machines Corporation.

UNIX is a trademark licensed exclusively through X/Open Company Limited.

Microsoft and Windows NT are trademarks of Microsoft Corporation.

Notice: This document is for informational purposes only, and does not set forth any warranty, express or implied, concerning any equipment or service offered or to be offered by Hitachi Data Systems. This document describes some capabilities that may be configuration-dependent, and features that may not be currently available. Contact your local Hitachi Data Systems sales office for information on feature and product availability.

©1999, Hitachi Data Systems Corporation.
All Rights Reserved/CC.1M099/PS-096