

“When we looked for a storage solution to consolidate our servers under, HDS was a logical choice, both because of our past experience in working with them and also due to the fact that they offered something that could be completely configured to meet our needs in this project.”

*Mr. Sandeep Kale  
Associate Vice President  
IT Department, iGATE*



## Global IT Services Provider Consolidates Data and File Servers With Enterprise-Class Hitachi Storage Solution

iGATE is a global provider of integrated technology and operations-based solutions with headquarters in Bridgewater, New Jersey. As a trusted partner to corporations in North America, Europe and Asia Pacific, iGATE solves clients' business challenges with its technology and process capabilities, as well as with its domain and industry knowledge.

iGATE has 3 locations in India with multiple servers to handle its file and data management requirements. The company opted to work with Hitachi Data Systems to consolidate these file servers under a unified enterprise storage environment, simplifying both their IT infrastructure and its management.

### The Challenge

Technology solutions provider iGATE had 3 locations in India, with 12 Microsoft® Windows® servers to run data and file management operations. Given the company's steady pace of growth, iGATE knew that it would have to expand its server capacity in the near future. However, this would just result in server proliferation along with the complexity of managing them. iGATE already was grappling with its existing service, and

its IT department was feeling the strain of supporting users. Under this increased demand, there was a higher chance of error that would result in increased downtime as well data and productivity loss.

Server proliferation also meant higher total cost of ownership (TCO) given its high energy costs and space requirements. As the company added servers, they also needed more electric and network ports. The process was often time-consuming and required coordination among multiple groups.

### iGATE File Server Consolidation

**INDUSTRY**  
IT Services

**SOLUTION**  
File and Content, Consolidation

**HARDWARE**  
Hitachi NAS Platform 3080 clusters (2)  
Hitachi Unified Storage VM  
Hitachi NAS Platform F1140 cluster

**SERVICES**  
Provided by Hitachi Data Systems Global Solution Services

### Benefits at a Glance

- Time, space and energy savings.
- Lower energy bills, reduced TCO.
- Improved efficiency, use and productivity.
- Better data recovery capabilities.

## SUCCESS STORY

Realizing that this was not a sustainable IT approach, iGATE decided to eliminate the existing data silos and consolidate its file servers under one enterprise-level storage solution. Consolidation would allow iGATE to manage its file data optimally. However, the process needed to be handled properly, keeping in mind the company's current and future pace of growth as well as evolving user needs. In addition, users across locations and on multiple platforms would need access to the new file storage and a variety of data types would need different security levels. This was an important step to ensure that organizational information was not compromised in any way. Given the complexity of its file server environment, the company knew it had to plan and implement the consolidation carefully.

### The Solution

To tackle its file server consolidation challenge, iGATE chose Hitachi Unified Storage VM (HUS VM) and Hitachi NAS Platform 3080 (HNAS 3080) to cluster at its 2 locations in Mumbai and Bangalore (see Figure 1). Following a thorough evaluation of its options, iGATE decided that Hitachi NAS Platform was the ideal solution to address the company's need for file server consolidation, data protection and business-critical workload management. The highly scalable and high-performance NAS Platform 3080 helps with file sharing, file server consolidation and application storage in a number of server environments, including the Windows environment at iGATE.

**HUS and HNAS**

[LEARN MORE](#)

Beyond efficiently consolidating capacity across multiple applications, Hitachi NAS Platform 3080 simplifies iGATE's storage management across the enterprise. By streamlining the IT infrastructure, it improves the agility and responsiveness of iGATE's storage systems.

Hitachi NAS Platform 3080 gives iGATE highly efficient content indexing and "intelligent file tiering," which enable policy-based migration of data and content among storage and archive tiers. The system's advanced content management integration

**Hitachi Data Systems Global Solution Services (GSS) worked seamlessly and smoothly with iGATE to consolidate the company's file server environment without disruption to iGATE'S operations.**

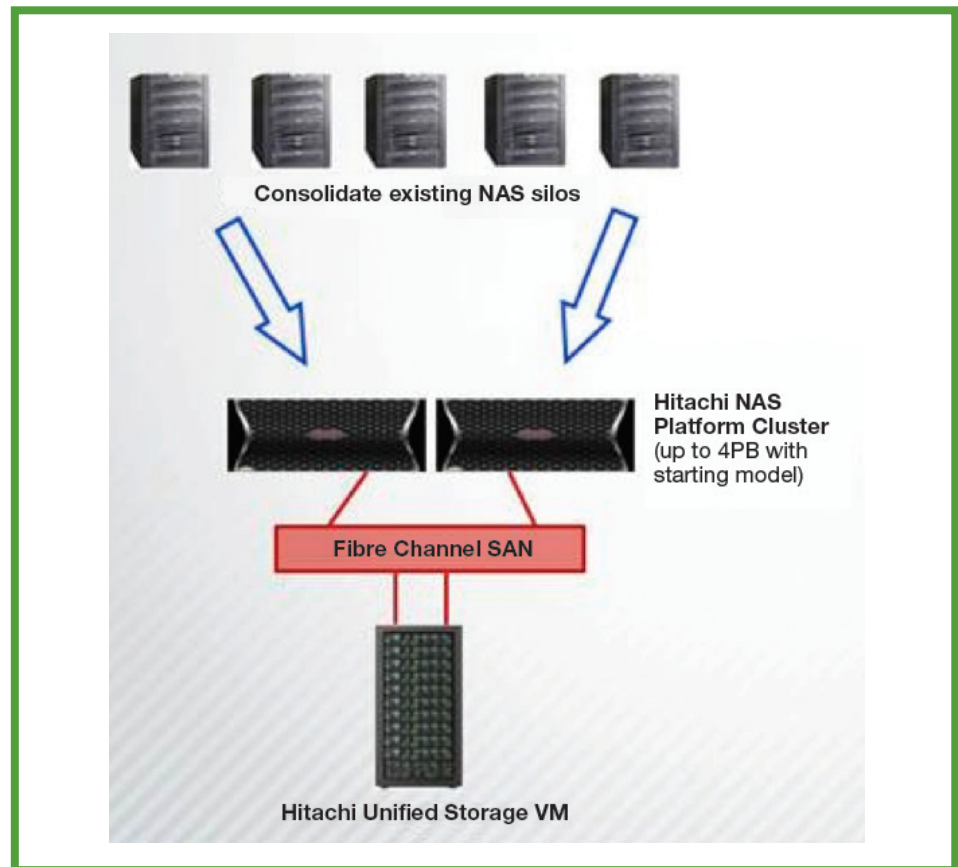


Figure 1. File Consolidation Solution for iGATE

further simplifies data reorganization, classification, movement and protection within the organization.

Hitachi NAS Platform 3080 delivers superior performance to support large-scale file system management within iGATE. Multiple levels of virtualization helped overcome the complexities involved in this process and support popular commercial applications, such as Microsoft SharePoint®.

The solution also caters to iGATE's evolving and future storage requirements, as they can scale it to support up to 2PB of usable capacity. Given this expanded capacity and with twice the performance of comparable network attached storage solutions, NAS Platform 3080 easily handles the many different workloads and use cases of the enterprise data center within iGATE.

iGATE leveraged the storage solution's capabilities in dynamic provisioning, intelligent tiering, virtualization and replication

to realize immediate time and cost savings. Its deduplication capabilities have helped reduce required storage capacity and have allowed iGATE to reclaim valuable capacity. In addition, energy savings have decreased the storage system's total cost of ownership.

Hitachi Data Systems Global Solution Services (GSS) worked seamlessly and smoothly with iGATE to consolidate the company's file server environment without disruption to iGATE'S operations.

## Benefits

The GSS and iGATE file server consolidation project resulted in some immediate benefits for iGATE on both the business and IT fronts.

- 1) **Streamlined IT infrastructure:** The solution allows iGATE to consolidate multiple file servers under one enterprise-class storage system to optimally handle the varied workloads of its data center. This greatly reduces the complexity of the company's storage environment.
- 2) **Time and space savings:** The solution's rich and advanced capabilities in dynamic provisioning, intelligent tiering, replication and virtualization facilitate efficient file and data management without the need for physical equipment.
- 3) **Lower energy bills:** By limiting the number of physical servers in its storage infrastructure, iGATE can keep a lid on energy utilization linked to operating and cooling servers.
- 4) **Reduced TCO:** Apart from shrinking direct costs tied to energy, space and time usage, the new storage solution frees up IT resources to a large degree. Deduplication capabilities help to eliminate redundant data and make more capacity available. All of this adds up to a significant reduction in TCO.
- 5) **Improved efficiency and utilization:** Advanced virtualization and data protection capabilities offer more efficiency and utilization.
- 6) **Improved data recovery capabilities:** With more responsiveness and agility in its storage system, iGATE is better equipped to handle disaster-recovery scenarios.
- 7) **Enhanced productivity:** Since the system supports multiple users and applications, iGATE users enjoy improved speed and application performance. Superior data protection features ensure that there is no interruption to data access for users. The net result is improved productivity across the organization.

Innovation is the engine of change, and information is its fuel. Innovate intelligently to lead your market, grow your company, and change the world. Manage your information with Hitachi Data Systems.

**INNOVATE**  
WITH INFORMATION™  
[www.HDS.com/innovate](http://www.HDS.com/innovate)

Following a thorough evaluation of its options, iGATE decided that Hitachi NAS Platform was the ideal solution to address the company's need for file server consolidation, data protection and business-critical workload management.

 **Hitachi Data Systems**



**Corporate Headquarters**

2845 Lafayette Street  
Santa Clara, CA 95050-2639 USA  
[www.HDS.com](http://www.HDS.com) [community.HDS.com](http://community.HDS.com)

**Regional Contact Information**

**Americas:** +1 408 970 1000 or [info@hds.com](mailto:info@hds.com)  
**Europe, Middle East and Africa:** +44 (0) 1753 618000 or [info.emea@hds.com](mailto:info.emea@hds.com)  
**Asia Pacific:** +852 3189 7900 or [hds.marketing.apac@hds.com](mailto:hds.marketing.apac@hds.com)

© Hitachi Data Systems Corporation 2015. All rights reserved. HITACHI is a trademark or registered trademark of Hitachi, Ltd. Innovate With Information is a trademark or registered trademark of Hitachi Data Systems. Microsoft, Windows and SharePoint are trademarks or registered trademarks of Microsoft Corporation. All other trademarks, service marks, and company names are properties of their respective owners.

SS-540-A DG January 2015