

Simplifying the complex — transform your data center with a proven approach

Your data center environment follows your business and leads your growth. As the number of critical applications and systems increases, so does your dependence on reliable and efficient infrastructure. Sungard Availability Services can help management validate your data center and IT strategy.

The right balance of efficiency and effectiveness

Maintaining and adapting a high-performance data center is becoming increasingly complex. The interdependencies of your systems — servers, storage and network — can create a domino effect when even minor changes are made. Meanwhile, you may be running out of space and power. Compliance requirements and the move toward virtualization are other issues that may require expertise beyond what you have on staff.

Sungard AS Data Center Solutions offer a comprehensive, cost-efficient way to achieve higher availability, security, efficiency and compliance within your infrastructure. Whether you're moving your data center, consolidating facilities or implementing new technology, our consultants can help you create a more agile and scalable data center infrastructure that's tightly aligned with your business needs.

For small to medium businesses, Sungard AS can deliver critical skills and expertise that reduce the need for additional resources. For our enterprise clients, we help optimize data consolidation efforts, freeing internal IT staff to focus on core competencies. For any company, our goal is to help reduce costs and drive greater IT efficiency, now and in the future.

Sungard AS data center solutions

For more than 30 years, Sungard AS has been a leader in Information Availability and infrastructure resilience. This expertise is at the core of our approach to data center consulting, allowing us to provide more holistic, comprehensive solutions. Our recommendations are based on ROI and are vendor and technology neutral. We do not resell any hardware, or accept referral fees from any vendor. Our only bias is toward your particular business needs.

A proven process.

A comprehensive set of solutions.

We take a holistic approach to data center services, using a three-part methodology:

- **Discover and Assess:** What is the current state of your data center infrastructure, and how can it be better aligned with your business needs and goals?
- **Design and Implement:** How can you make the necessary changes happen?
- **Measure and Maintain:** How can you optimize and maintain performance moving forward?

This process may involve any or all of our data center services.

- A holistic, **technology neutral** approach
- **Extensive expertise** across multiple industries
- **Customized engagements** designed to address clients' specific business requirements and help them to uncover/leverage opportunities
- Focus on improving **availability, security, IT efficiency and compliance**
- **On-time and on-budget** delivery



Case in Point

Data center optimization for lower operational costs

Challenge

An organization specializing in health care information technology had grown significantly through acquisition, and many of the inherited legacy data centers were starting to run out of space and power. Power infrastructure issues were becoming a common occurrence. The company asked Sungard AS to help it migrate data to its new centers.

Solution

Rather than moving over the existing footprint, Sungard AS consultants suggested data center consolidation services to help rationalize the current inventory. Through a **Virtualization Assessment**, as well as **Virtualization Strategy and Design Services** and an ongoing **Storage Optimization** program, Sungard AS was able to shrink the company's overall IT footprint by **55%**, reducing operational costs while transitioning them to a more stable architecture, delivering better performance and response times.

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Data center assessments

We'll perform a comprehensive facility review to determine your data center's efficiency, reliability, security, and compliance, and identify potential internal and external vulnerabilities. Using state-of-the-art thermal imaging, Sungard AS will map energy losses to help improve your environmental footprint. You'll also get actionable recommendations to help your IT management prioritize activities for building an overall enterprise availability program, helping you improve the resilience of your organization.

Application and infrastructure assessments

Our consultants will perform a detailed examination of a chosen application architecture, including facilities, servers, storage, network, database, staff and processes. We'll recommend ways to improve availability, security, compliance and performance moving forward.

Virtualization and cloud consulting services

First, we help determine and document which applications and systems would benefit from a virtual infrastructure. Then, we develop a business case, strategy and a virtualization roadmap to help clients choose the best action to take. If you choose to move forward with your virtualization strategy, Sungard AS stands ready to help you through the implementation process as well.

Data center strategy

This advisory process provides a documented business case for data center consolidation to help guide your data center management decisions. Options, recommendations, associated costs, data center requirements and relocation/migration strategy are all included.



Data center infrastructure relocation services

We can help you assess your existing resources and develop plans for relocating systems and infrastructure from one facility to another. Once the plan is developed, we can assist with or manage the actual relocation activities. We use our experience and project management expertise, including a database repository, to capture and manage the complete infrastructure move.

Data migration service

We can help you successfully move data from one storage architecture or device to another, as in the case of storage consolidation or optimization. This service frequently accompanies Managed Services and IT outsourcing relocations.

Virtualization services

Sungard AS' Virtualization Services go far beyond simply planning, designing and implementing virtualization technology. The Assessment helps you build a business case for consolidating

servers and other devices to a vendor-neutral virtual infrastructure. Strategy, Design and Implementation help your organization smoothly implement virtualization technology while helping to ensure that your organization's critical business-processing capabilities are available and recoverable.

Data center, infrastructure and virtualization resiliency monitoring

Once any improvements or migrations have been implemented, it works to your advantage to monitor and maintain that optimized environment and architecture.

To that end, Sungard AS can:

- Review an application's infrastructure to determine its ability to meet availability, security and performance targets
- Inspect an application's facilities, servers, storage, network and database
- Make recommendations to improve compliance, availability, security, cost and agility

Case in Point

Preventing downtime revenue loss

Challenge

The IT managers of a leading apparel programs and facilities services organization knew they needed to update their data centers to mitigate the growing operational risk of downtime. Given the economic climate, they knew it would be difficult to justify to executive levels without neutral, expert advice.

Solution

Sungard AS made the case to the C-level executives with a **Business Impact Analysis** and **Data Center Vulnerability Assessment** that demonstrated the importance of balancing the business requirements for uptime with the operational risks and costs associated with downtime. Sungard AS then provided an **Enterprise Availability Plan** and **AdvancedRecoverySM Strategy and Design** for planning and implementing high availability architectures to help ensure that the company would not only "survive" an interruption, but would keep the lifeblood of the business — billing systems and inventories to the supply chain — moving.



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Other Sungard AS services to consider

Sungard AS offers a comprehensive range of information availability services and solutions, many of which complement our Data Center solutions:

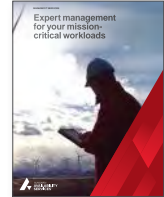
Our **Managed Services** are ideal if you are constrained by power or space. Services such as Data Backup and Managed SAN Services support primary storage and information backup as well as data protection and compliance requirements. Combine with our virtualization services, such as our Virtualization Strategy and Design consulting service, for a complete, cost-effective solution.

If you're consolidating from multiple facilities to a single location, consider Sungard AS' Recovery Services, including AdvancedRecoverySM. Consolidating your data to a single

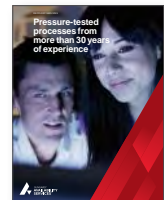
footprint immediately eliminates any advantages of geographic separation for your resilience strategy and recovery capability. Sungard AS **Recovery Services** help ensure data resiliency, for a safer, more successful consolidation.

We also offer Server, Virtual Server and Storage Replication Services, providing a safe, off-site location to store and manage your applications and data. Our consultants can determine what type of replication is the best fit for your organization based on your prior technology decisions.

Additional reading



[Managed IT Services](#)



[Recovery Services](#)

Why choose Sungard AS for Data Center Solutions?

With our vendor-neutral approach to data center solutions, our focus on information availability and our expertise in infrastructure resiliency, Sungard AS is ideally positioned to help maximize your data center efficiency and performance.

For more information

Call us to learn more about Sungard AS' Data Center Solutions.

About Sungard Availability Services

Sungard Availability Services provides disaster recovery services, managed IT services, information availability consulting services and business continuity management software.

To learn more, visit www.sungardas.com or call 1-888-270-3657

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