The Next Step in Business resilience

Guaranteed Recovery

CLOUD-BASED RECOVERY® from Sungard Availability Services

BRINGING 40 YEARS OF RECOVERY EXPERIENCE TO THE CLOUD

Organizations need disaster recovery for business resilience, but can't always afford the setup and maintenance of a standby recovery site.

In addition, 65 percent of organizations fail their own DIY recovery tests and only 6 percent of organizations meet their RTO/RPO objectives.[1]

Even leveraging shared, physical infrastructure components can't match the efficiency of a cloud infrastructure.

New secure cloud technology has also mitigated long-standing security concerns, enabling viable application recovery using an enterprise cloud environment.

That's why it's time for you to consider Cloud-Based Recovery Services from Sungard AS.

Cloud-Based Recovery Advantages

- Fully managed services
- SLA-backed Recovery Time Objectives
- Patented testing without impacting production
- Seamless interconnects between Sungard AS cloud resources and other Sungard AS IT infrastructures
- Enterprise-class cloud solution
  - Elastic on-demand scalability of networks, storage and compute capacity
  - Subscription-based OpEx model
  - Dedicated, shared, or hybrid infrastructure
- Advanced data protection
- Multiple availability options, enabling a tiered recovery strategy based on the business value of specific applications and data
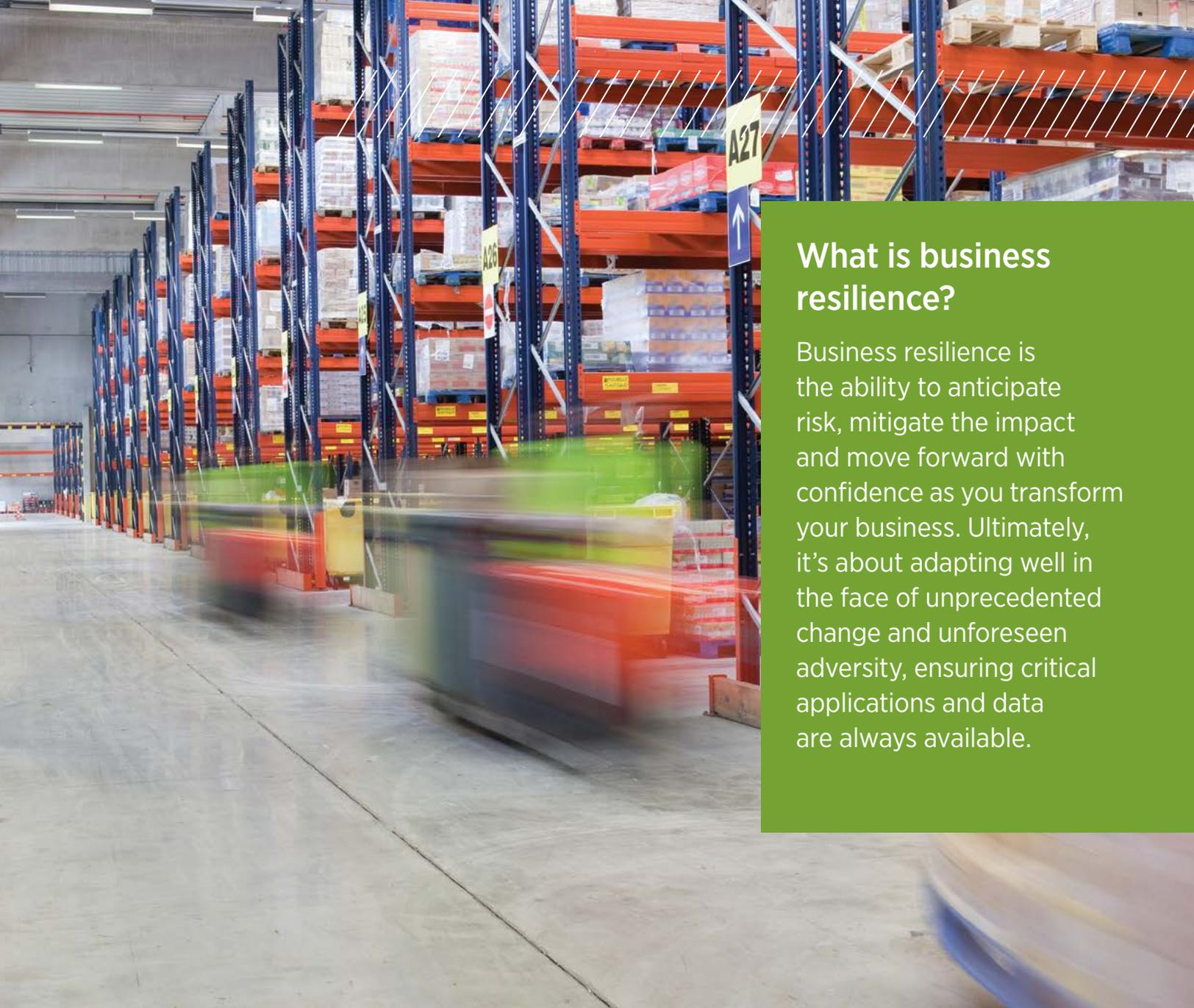
Sungard AS Cloud-Based Recovery Services provide a fully managed recovery solution for your applications and data. This secure enterprise-class platform can help reduce business risk, while lowering administrative and recovery costs, and is based on tested and proven Sungard AS recovery processes.

MAXIMIZE RESILIENCE, MINIMIZE COSTS WITH A FLEXIBLE CLOUD RECOVERY PLATFORM

You need a high degree of flexibility in your cloud recovery environments. Why? Because not all applications are mission-critical to your business. For higher-value applications with mission-critical data, you need a fast RTO typically within a two to four hour time-frame depending on business needs-which cost more. However, for lower-tier back-office applications, you need lower-cost options for a less aggressive RTO.

With this Recovery-as-a-Service (RaaS) offering from Sungard AS, you can customize recovery solutions to meet the availability needs of multiple systems with different recovery time objectives.

Our infrastructure resources, processes and expertise enable us to combine cloud-based recovery with virtual infrastructures and physical equipment into a comprehensive recovery solution—mapped and tailored to your unique production environments and resiliency needs.

What is business resilience?

Business resilience is the ability to anticipate risk, mitigate the impact and move forward with confidence as you transform your business. Ultimately, it's about adapting well in the face of unprecedented change and unforeseen adversity, ensuring critical applications and data are always available.

ENTERPRISE-CLASS CLOUD BUILT ON BEST-OF-BREED TECHNOLOGY

Sungard AS Cloud-Based Recovery Services leverage best-in-class technology from partners, including Actifio, Carbonite, Cisco, Cloud Endure, Dell EMC, NetApp, VMWare and Zerto to deliver a highly resilient, recoverable and secure solution.

Sungard AS combines the cloud platform with fully-managed recovery services, backed by contractually guaranteed service level agreements.

Align Availability Levels with Applications and Data

With different options for server replication, storage replication and vaulting protection, you can select the Sungard AS Cloud-Based Recovery service that meets the specific availability needs of each application and workload.

CLOUD RECOVERY — SERVER REPLICATION

Packaged with asynchronous server-based replication and managed end-to-end to recover physical and virtual servers with Windows and Linux applications at sub-four hour recovery times. Built-in continuous data protection enables restoration to any point in time within a three-day period prior to the outage.

CLOUD RECOVERY — AWS

Storage–agnostic, host-based replication and recovery for production workloads from one AWS region to another. Leverage on-premise Hypervisor to AWS support and the ability to select specific instance(s) for failover, instead of all-or-nothing solutions. RTO SLA starts from 15 minutes to four hours for 250 VMs.

CLOUD RECOVERY — VIRTUAL SERVERS

Hypervisor-based asynchronous replication solution for virtual-to-virtual recovery. Two to four hour SLA-backed recovery and agnostic storage replication.

CLOUD RECOVERY — ACTIFIO

Copy data virtualization lets you capture application data, manage it efficiently and use it when and where you need to by eliminating point tools and vendor lock-in for true business continuity. Ideal for RTO of 2 hours for up to 100 virtual machines.
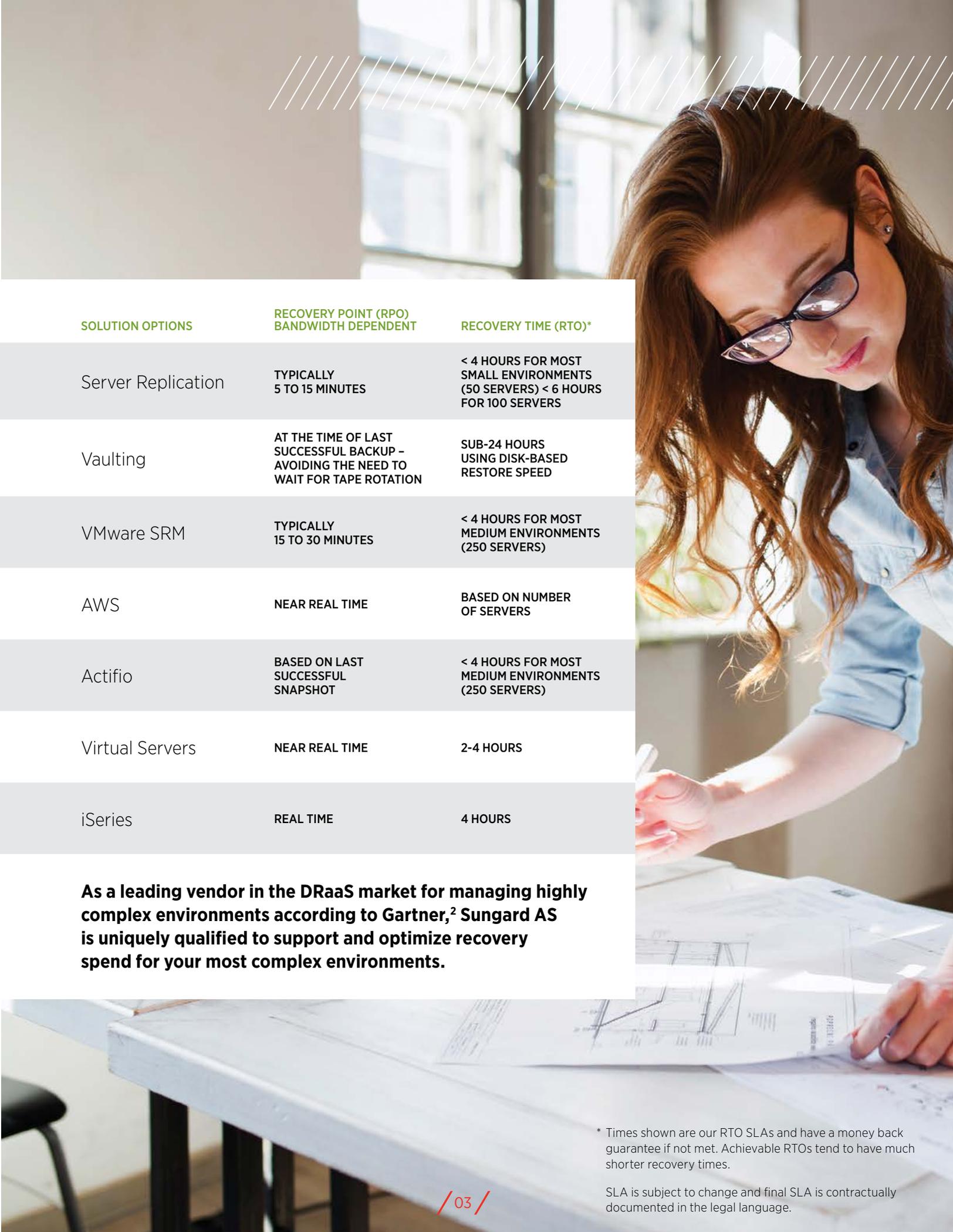
CLOUD RECOVERY — VMWARE SRM

Provides SLA-backed automated application recovery on VMware infrastructures at secure Sungard AS cloud-based recovery sites. Helps deliver fast, assured application protection and recovery, eliminating challenges occurring at time of test or disaster, while reducing recovery times from days to just hours. Offers 4, 8, and 16 hour RTO SLA based on number of virtual machines covered.

CLOUD RECOVERY — iSERIES

Real-time replication and synchronization of data and applications for IBM iSeries systems. Supports an RTO of four hours.

CLOUD RECOVERY — VAULTING

Packaged with online backup and recovery services, this option is managed end-to-end to assure data restoration from your online vault, along with application recovery at sub-24 hour recovery times. It supports Windows, Linux, IBM (I & p series) platforms.

SOLUTION OPTIONS	RECOVERY POINT (RPO) BANDWIDTH DEPENDENT	RECOVERY TIME (RTO)*
Server Replication	TYPICALLY 5 TO 15 MINUTES	< 4 HOURS FOR MOST SMALL ENVIRONMENTS (50 SERVERS) < 6 HOURS FOR 100 SERVERS
Vaulting	AT THE TIME OF LAST SUCCESSFUL BACKUP – AVOIDING THE NEED TO WAIT FOR TAPE ROTATION	SUB-24 HOURS USING DISK-BASED RESTORE SPEED
VMware SRM	TYPICALLY 15 TO 30 MINUTES	< 4 HOURS FOR MOST MEDIUM ENVIRONMENTS (250 SERVERS)
AWS	NEAR REAL TIME	BASED ON NUMBER OF SERVERS
Actifio	BASED ON LAST SUCCESSFUL SNAPSHOT	< 4 HOURS FOR MOST MEDIUM ENVIRONMENTS (250 SERVERS)
Virtual Servers	NEAR REAL TIME	2-4 HOURS
iSeries	REAL TIME	4 HOURS

As a leading vendor in the DRaaS market for managing highly complex environments according to Gartner,[2] Sungard AS is uniquely qualified to support and optimize recovery spend for your most complex environments.

* Times shown are our RTO SLAs and have a money back guarantee if not met. Achievable RTOs tend to have much shorter recovery times.

SLA is subject to change and final SLA is contractually documented in the legal language.

Sungard AS Hybrid IT Services

In addition to our Cloud-Based Recovery Services, Sungard AS provides a comprehensive and affordable portfolio of Hybrid IT Recovery Services to reduce the complexity of protecting and recovering applications and data across your environment—on everything from mainframes to virtual machines.

This means we can help you bridge the gap between legacy and cloud-based recovery, providing a single program for all your recovery requirements.

THESE SOLUTIONS CAN BE CUSTOMIZED TO YOUR UNIQUE REQUIREMENTS:

Managed Recovery Program
Ensures comprehensive, compliant and effective testing and recovery using a methodological recovery program approach starting from service transition, through recovery execution to ongoing life cycle management. Sungard AS Managed Recovery Program clients are 2.5 times more successful at recovering versus the market average. With people, process and governance in mind, we keep recovery objectives aligned.

Data Protection
Delivers data and application availability to help you manage data more efficiently, effectively and securely.

Workforce Continuity
Provides employees with the workspace, technology and resources they need at time of disaster in case normal operations and office environments are unavailable.

Transform IT Recovery with Sungard AS

With more than 40 years of experience supporting complex IT operations and managing the most challenging availability requirements, you can rely on us to provide the resilient, recoverable IT solutions you need.

We leverage our expertise across a breadth of services to transform recovery across your IT infrastructures—whether hybrid cloud, legacy or something in-between—to decrease complexity and risk and increase the availability of your mission-critical operations.

Start transforming your IT recovery today.
www.sungardas.com/solutions

1 Gartner Predicts 2017: Business Continuity Management and IT Service Continuity Management, November 2016.

2 Gartner; Y17Q2 Critical Capabilities for Disaster Recovery as a Service; Ron Blair, Mark Thomas Jaggers; June 2017.

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

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

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