



# Near-instant data recovery with IBM Comprehensive Data Protection Solution Express

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## Highlights

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- ***Helps provide continuous data protection for Microsoft® Windows® data and applications***
- ***Delivers data protection and recovery to meet your individual business needs***
- ***Powers your data backup activities with a reliable, powerful platform***
- ***Stores your critical information in a scalable, security-rich repository***
- ***Leverages decades of proven, real-world consulting and implementation experience***

### **Safeguarding critical business data**

Fewer and fewer businesses today would be able to function if their data were suddenly no longer accessible. Whether someone accidentally deletes a critical file or installs corrupt software, or whether a hacker makes his way into your database or a fire destroys your equipment, unprotected critical business data is like a ticking time bomb. With so many ways data loss can occur, it's not really a matter of if but when. Regardless of your business size, if you rely on data to run your business, you probably need a comprehensive data backup plan.

### **Comprehensive data protection for your midmarket business**

To address the needs of midmarket businesses, IBM Comprehensive Data Protection Solution Express helps reduce the business impact of virtually any data loss. It recovers Microsoft Windows operating system–based data and applications nearly instantly, from virtually any previous point in time,

from wherever your data is stored. This turnkey solution can be added into each of your remote offices, and a similar system can be used in the central office to consolidate backups from the remote offices. Comprehensive Data Protection Solution Express can help your organization:

- *Meet narrower recovery time objectives (RTOs) and recovery point objectives (RPOs)*
- *Dramatically reduce revenue loss resulting from Windows applications and data downtime*
- *Meet and potentially exceed your service level agreements (SLAs)*
- *Access valuable files 24x7—including e-mail and mission-critical application data.*

Comprehensive Data Protection Solution Express automatically, non-disruptively and rapidly backs up data during normal business hours so that current information is available to you when you actually need it. It provides near-immediate recovery of data following just about any type of loss—in minutes or seconds versus the hours it might take using traditional recovery mechanisms, such as manual tape.

Moreover, the solution improves administrator productivity by simplifying the management of backup windows. It offers intuitive remote management of disk-based data protection and even provides central control capabilities.

This comprehensive solution has been tested to verify compatibility of components as well as to help ensure that they are simple to acquire, finance and install. And Comprehensive Data Protection Solution Express users receive warranty support for all the solution components to help ensure solution value and a rapid ROI. This warranty further reduces the risk of data loss. IBM sells the solution—offered in different configurations designed to best meet your needs—at a competitive price and high value for midmarket businesses.

### **Flexible, cost-effective data protection and recovery**

The heart of Comprehensive Data Protection Solution Express is IBM Tivoli® Storage Manager FastBack software. It is designed to work with any Microsoft Windows platform and local or storage area network (SAN)-attached storage. As part of Comprehensive Data Protection Solution Express, the software runs on IBM System x® servers and stores data to IBM System Storage™ DS3000, IBM System Storage DS4000® or IBM System Storage DS5000 series systems.

IBM Comprehensive Data Protection Solution Express with Tivoli Storage Manager FastBack software provides a next-generation, continuous data protection and recovery management platform designed for Microsoft Windows servers. It combines a number of leading-edge and patented technologies to provide an extensive data protection and recovery solution for mission-critical applications—both in the data center and in remote or branch offices.

Tivoli Storage Manager FastBack software provides a flexible and cost-effective solution for a wide range of data protection and recovery needs. It offers mission-critical application protection and recovery, providing nondisruptive data backup as often

as you need it. It can restore virtually any data asset from nearly any Microsoft Windows-supported application almost instantly.

Additionally, Tivoli Storage Manager FastBack software provides remote office backup consolidation. In remote offices, the application helps provide automated, easy-to-use backup and recovery that is designed to far exceed the capabilities of tape. You can use the integrated disaster recovery capabilities to send a copy of remote data to a central or disaster recovery site. Moreover, the Tivoli Storage Manager FastBack application can deliver integrated blade server backup. When installed on a spare blade server, it can help protect all of the other blades in the chassis.

With the above capabilities of Tivoli Storage Manager FastBack software, small or remote offices with few or no IT personnel can eliminate their tape systems. Alternately, larger offices and data centers can integrate the Tivoli Storage Manager FastBack application with existing tape backup applications—such as IBM Tivoli Storage Manager software, which can move data to tape for long-term retention, archive and compliance. This approach provides an intermediary disk-based layer that can provide significantly faster backup and recovery capabilities while eliminating the need to shut down applications to run backup jobs.

### **A powerful, cost-effective and proactive platform**

The engine of Comprehensive Data Protection Solution Express is a System x server, which is an ideal platform for today's business-critical applications, such as Tivoli Storage Manager FastBack software. Selected for its powerful performance, this hardware platform will help maximize your IT investment. IBM X-Architecture® technology can run multiple workloads on a single server while maintaining a high level of performance, reliability and availability.

Moreover, you can manage growth and risk to further improve business availability with servers from the System x family. Proactive management tools in System x servers deliver industry-leading capabilities to identify hardware problems before they happen and fix them quickly—helping to keep Tivoli Storage Manager FastBack software up and running. In addition, dynamic management tools and world-class service and support from IBM help deliver higher performance and drive your ability to respond quickly to changing business needs.

Savvy businesses know that managing energy in the data center is a growing concern—from increasing numbers of servers to the incremental heat they generate to the rising cost of energy. IBM X-Architecture technology infuses System x servers with innovation and industry standards that help you become more energy efficient and reduce costs via new designs and tools that help optimize power management. With System x servers, you can lower energy usage and your total cost of ownership of the already affordable Comprehensive Data Protection Solution Express.

### **A repository to grow with your information**

Your personalized configuration of Comprehensive Data Protection Solution Express can feature System Storage DS3000 Express, System Storage DS4000 or System Storage DS5000 series disk systems. These System Storage disk servers have been comprehensively tested as the platform for Comprehensive Data Protection Solution Express.

Equipped with the application-specific integrated circuit (ASIC)-based Redundant Array of Independent Disks (RAID) 6 protection with outstanding performance, the DS3000, DS4000 and DS5000 families feature easy-to-use storage management software and a task-driven interface that simplifies storage management and speeds provisioning times.

To reduce costs and achieve a quick ROI, you can place high-performance fibre channel or Serial Attached SCSI (SAS) and high-capacity Serial Advanced Technology Attachment (SATA) drives in the same device, virtually eliminating the need for multiple drive enclosures. The System Storage platforms can scale as your storage requirements grow. You can start with as few as 4 drives and grow to as many as 112 drives.

The DS3000 platform offers excellent value for midsize companies. Its drive intermix capability reduces capital expenditures by supporting primary and backup storage within the same system. Moreover, the disk server is easy to deploy and integrate with Tivoli Storage Manager FastBack software. And so it can grow with your data and business, the DS3000 device offers superior scalability capabilities: capacity on demand, up to 48 drives and the ability to expand with the common architecture.

The DS4000 and DS5000 disk system series are designed for the midsize organization. They deliver high performance and high availability for business-critical storage.



## Why IBM

IBM has your business-critical data protection needs covered. We provide robust, enterprise-class solutions to midsize businesses at competitive prices so they can achieve the same benefits and peace of mind as the big corporations. And larger enterprises can take advantage of Comprehensive Data Protection Solution Express to fill gaps in their remote offices or to protect e-mail or database servers.

IBM has decades of proven, real-world consulting and implementation experience in business and IT infrastructure solutions. It has local presence within a global ecosystem to better align you with a skilled resource that knows your industry and your local marketplace.

And because IBM is the single vendor for the hardware and software in Comprehensive Data Protection Solution Express, you further lower your risk of data loss by having one place to turn to with your support questions.

## For more information

To find out more about how Comprehensive Data Protection Solution Express from IBM can help your company and what solution configurations and promotions IBM is offering, contact your IBM representative or IBM Business Partner, or visit:

[ibm.com/expressadvantage/businesscontinuity](http://ibm.com/expressadvantage/businesscontinuity)

If you are ready to take the next step and try IBM Tivoli Storage Manager FastBack software in your existing environment, you can download a 60-day free trial from:

[www.servicemanagementcenter.com](http://www.servicemanagementcenter.com)

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