

Brochure

Secure your data

HP Simply StoreIT Solutions for Data Protection



No matter the size of your business, protecting and ensuring reliable access to your data is essential to day-to-day operations. Yet according to IDC, 60 percent of small to midsize businesses (SMBs) perform only local backups, and 15 percent don't regularly back up their data at all. How would you rate your business when it comes to data protection?

Support your future growth trajectory

If you're an SMB today, you are likely experiencing many of the same challenges as large enterprises yet without the same budget level or specialized teams in place. For example, you may have unprecedented data growth or be expected to manage data protection across multiple sites, but may not have well-defined disaster recovery strategies and processes to recover from catastrophic failures. HP Simply StoreIT Solutions for Data Protection can help you overcome common data protection challenges with affordable, reliable, and proven backup and data protection solutions that support your specific needs today and into the future.

Navigate to the solution that's right for you

HP Simply StoreIT Solutions for Data Protection are based on an underlying maturity model that helps you get your arms around your current data protection challenges and prepare for future growth. This model lets you quickly navigate to a solution that meets your needs and helps shed light on potential challenges ahead. It illustrates issues that businesses like yours have faced when entering the next stage of growth—an evolution that is not necessarily predicated on company revenues or employee headcounts, but is instead linked to your data protection deployment maturity.

Using the maturity model, you can walk through key issues, potential solutions, and decision points. In turn, you'll ensure that the storage solutions you deploy for backup and data protection today don't leave you exposed or faced with costly shifts six months from now.

Understanding the maturity model stages

The HP Maturity Model for Data Protection offers three distinct stages:

Starting out

In the early phases of your business, backup and data protection helps you manage data that resides on a small environment of servers, business workstations, desktops, and laptops—all of which are important to your business. Your primary concerns are protecting that information from unexpected hardware failures, corruption, viruses, or other breaches.

Building momentum

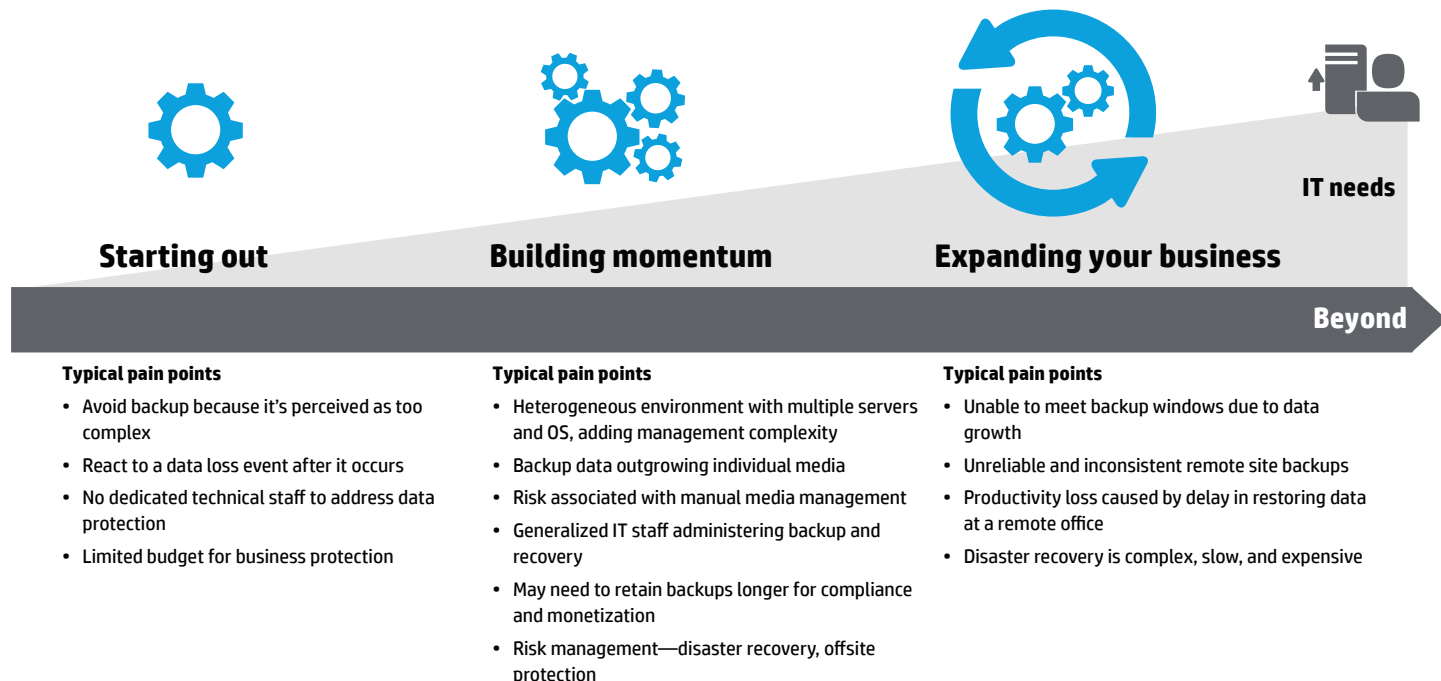
As your IT infrastructure grows, so does the raw volume of your data. By the time you get to this stage, you're typically dealing with heterogeneous environments that have multiple departmental servers and operating systems. You're looking to back up business-critical data more often and have most likely outgrown the capacities of a single tape drive to hold your backup data. To reduce the risk associated with manually handling tape media, you're prepared to take the first step toward automation and are thinking about more frequent backups and faster restores. You're probably ready to start thinking about disaster recovery planning for your critical data as well as longer-term retention of assets to meet regulatory compliance.

Expanding your business

If you're facing explosive data growth and an increasing number of remote sites, you are probably finding it difficult to meet shrinking backup windows. You're also confronting inconsistent backups. These factors can put your data and your business at risk. You're concerned about the cost and resource overhead of adding more IT staff to manage data protection at your remote sites. You're looking for complete disaster protection with faster recovery times as well as offsite/offline protection to minimize business disruption.

Figure 1. HP Maturity Model for Data Protection

Where are you now? Where are going? Where do you want to be?



Selecting the right storage for your specific stage

Starting out: Protecting critical data on your servers

The only way to address the risk of losing this critical data is to deploy a modern information protection strategy that leverages one or more of today's backup and data protection solutions. HP has long been a leader in this area and continues to apply the latest technologies to these critical needs.

HP StoreEver Tape Storage and Media

The latest HP StoreEver Tape Storage and LTO-6 media solutions are capable of storing up to 6.25 TB per tape cartridge at a cost of less than 5 cents per GB. HP TapeAssure software monitors the health and performance of your tape solution. HP LTO-6 tape is capable of transferring data at rates up to 400 MB/s, which helps you complete data backups on time. HP Data Rate Matching is an exclusive feature to further improve performance and reliability by matching host system speed to keep drives streaming.

Building momentum: Consolidating and automating backup

As your company grows, you will undoubtedly face the common challenge of "more": the need for more servers, for more hard drives, the need to store more critical data on them, to support more users, and serve more applications. Yet you probably don't have more people to manage these challenges. And expectations centered on availability and data loss never seem to decrease. You need to leverage the latest tools to combat escalating risks.

HP StoreEver Tape Storage Autoloaders

HP StoreEver Tape Storage autoloaders provide cost-effective, easy-to-install, automated tape storage. Autoloaders remove the risk of human error from tape rotations. Its 1U rackmount footprint delivers outstanding storage density and tape library features capable of storing up to 50 TB of compressed data in a single device. Native encryption helps you protect confidential business information from unauthorized access if a tape is lost or stolen.

HP offers services that wrap our core infrastructure, storage, and software offerings with integrated technologies to advance your business objectives. This is the way to the next era for your storage infrastructure. Ready to go? HP Storage Services is ready to partner with you every step of the way. Our people, know-how, and comprehensive consulting and support portfolio enable you to reap the benefits of HP Simply StoreIT solutions.

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HP StoreOnce 2700 Backup

HP StoreOnce 2700 Backup systems offer high-performance, disk-based data protection that consistently meets and exceeds your backup and recovery service-level agreements (SLAs). The HP StoreOnce deduplication technology lowers costs and backup storage footprint by 95%.

Expanding your business: Protecting larger environments with disk and tape

When your business is growing—organically or through activities like mergers or acquisitions—you quickly face challenges that can only be addressed with automation. There are simply not enough hours in the day to manually achieve what you need to accomplish. And you can't track or execute manual tasks without introducing unacceptable risks. To help alleviate this challenge, HP offers field-proven backup, recovery, and protection solutions.

HP StoreEver MSL Tape Storage Libraries

HP StoreEver MSL Tape Storage Libraries meet your unattended backup, disaster recovery, and archive needs with Web-based remote management that allows you to easily manage your MSL libraries from across the room or across the globe. With Write-Once Read-Many (WORM) and AES-256 encryption features, MSL libraries keep your data durable and secure. Most importantly, MSL tape libraries are quickly expandable, so you'll be ready if your data doubles again next year.

HP StoreOnce 2700 and 4000 Backup

HP StoreOnce Backup systems provide you with a full arsenal of time-saving, risk-reducing benefits as you grow and your information protection strategy requires a high degree of automation. Automated and centralized backups are essential to delivering consistent data protection for remote sites. The HP StoreOnce 2700 Backup system is ideal for disk backups at smaller remote sites. And the HP StoreOnce 4000 Backup system offers larger-capacity central office protection as well as a target for a secondary copy of your remote data backups.

HP StoreOnce Backup systems offer single deduplication technology for remote sites as well as your central office. This means that data from a remote site can be efficiently replicated to a central office using low-bandwidth links. This reduces bandwidth costs by as much as 90 percent. And with HP Data Protector software, you can centrally administer remote office backups and restores, simplifying data management by requiring fewer IT resources.

Ample choices for your data protection solution

HP offers a range of data protection solutions featuring data backup and recovery products. These products are designed specifically to help SMBs like yours keep pace with the growth of your systems, applications, and data. There is no "one-size-fits-all" approach when it comes to data protection. The good news is that HP is a proven leader in providing solutions to meet the data protection needs of businesses like yours.

Put the power of HP behind your data protection needs. Engage with HP Simply StoreIT Solutions for Data Protection and a reseller base of over 200,000 partners to help you meet your integration needs.

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