

# IRON MOUNTAIN® SERVER BACKUP, POWERED BY SEAGATE®: PLUG AND PROTECT VAULT



## BUSINESS CHALLENGE

For today's business organizations, buying components separately and creating an internal backup and recovery solution can be a painfully confusing and time-consuming process. Companies are constantly searching for ways to deploy a best-practice data protection solution quickly and economically.

## WHAT IF YOU COULD...

- ✓ Employ an all-in-one backup and recovery appliance with pre-configured hardware, software, and storage?
- ✓ Implement data protection with a fast, award-winning solution?
- ✓ Leverage end-to-end techniques to ensure optimal performance?
- ✓ Scale your data protection plan to grow with your business?

## PLUG AND PROTECT VAULT

Plug and Protect Vault, part of Iron Mountain Server Backup, powered by Seagate, gives you an easy method of sourcing a complete on-premises backup and recovery solution. Plug and Protect's single package saves you time – offering procurement, setup, configuration, and deployment – and, once the appliance is installed, Iron Mountain can handle all your hardware and software support needs. All Plug and Protect configurations include unlimited agents to protect virtually all platforms and applications. These include Microsoft® Windows, Linux®, Sun Solaris®, IBM® AIX, IBM i, VMware®, Microsoft SharePoint, Microsoft Exchange, Microsoft SQL Server, Microsoft Cluster Services, and Oracle® databases.

In addition, the Plug and Protect Vault is built from the ground up as a true, disk-based backup and recovery product. The software uses an arsenal of end-to-end performance optimization techniques—such as adaptive compression, bandwidth throttling, and perfectly balanced client-side and back-end deduplication—to accelerate backups, minimize network chatter, and limit the storage footprint. Plug and Protect also wraps three layers of security around your data. The data is encrypted before it ever leaves the protected machine, and can then be transmitted using the SSL protocol. Finally, all data is stored in its encrypted state once it's in the offsite vault.

Plug and Protect also delivers fast, local restorations. Add replication software for offsite disaster protection and you'll be cloud-connected, with a fully redundant architecture for fail-proof recovery. It's the best way to protect data in a distributed environment.

You can also deploy Plug and Protect for a unified solution that can quickly, painlessly, and completely recover a system after catastrophic failure. The restoration software offers an advanced bare metal recovery technology that can restore an entire device in a single pass, thereby eliminating the need for multiple backups and dramatically reducing downtime. It takes just a few minutes to initiate recovery of a system onto similar hardware, dissimilar hardware, or virtual machine.

What's more, as your data grows, you can easily expand your storage space right along with it. In fact, a single Plug and Protect appliance can store as much as 50 TB of protected data, saving you valuable space in your data center. With unlimited agent licensing included in every appliance, you won't have to purchase backup licenses when you deploy new servers. Many models even come pre-populated with additional hard drives. Expanding the appliance capacity can be as simple as upgrading your license.

Appliances Specifications								
Model	PnP100t 7G	PnP300 7G	PnP600 7G	PnP1200 7G	PnP2400 7G	PnP3800 7G	PnP5000 7G	
Hardware Configuration	Mid-Tower	Rack Mount (2U)	Rack Mount (3U)					
Memory (RAM)	4 GB	8 GB	32 GB					
EVault Director	Version 7.x							
Capacity (Initial and Expandable)	1 TB capacity can grow to 2 TB with added 1 TB licensing	3 TB capacity can grow to 7 TB with added 4 TB licensing	6 TB capacity can grow to 10 TB with added 4 TB licensing	12 TB capacity can grow to 24 TB with added 12 TB licensing	24 TB total capacity—No expansion	38 TB total capacity—No expansion	50 TB total capacity—No expansion	
Agents	Unlimited							
Software	System Restore Software and EVault Replication Software							
EVault Management	Windows CentralControl or Web CentralControl							
Operating System	Microsoft Windows 7	Microsoft Windows Server 2008 R2 - Standard Edition						
Server	EVault Unified Server-Storage Appliance							
Total Drive Bays	4	8	18					
Storage (Data) Configuration	1 x 2 TB Seagate SATA Drives (7200 rpm) No RAID	6 x 2 TB Seagate SATA Drives (7200 rpm)	8 x 2 TB Seagate SATA Drives (7200 rpm)	16 x 2 TB Seagate SATA Drives (7200 rpm)	16 x 2 TB Seagate SATA Drives (7200 rpm)	16 x 3 TB Seagate SATA Drives (7200 rpm)	16 x 4 TB Seagate SATA Drives (7200 rpm)	
	in RAID 6 configuration							
Dimensions	H: 1.7"/4.3cm W: 17.2"/43.7cm D: 19.8"/50.3cm	H: 2U/3.4"/8.64cm W: 17.2"/43.7cm D: 26.8"/68.07cm	H: 3U/5.2"/13.2cm W: 17.2"/43.7cm D: 25.5"/64.8cm					
Weight (with drive bays full)	27lb/12.25kg		50lb/22.67kg	65lb/29.48kg				
Hardware Warranty	One (1) Year	Three (3) Year						

## WHAT YOU GAIN

- ✓ An all-in-one appliance that gets you up and running fast
- ✓ An efficient disk-based data protection on a tried-and-true platform
- ✓ Easy scalability that accommodates data growth without large capital expenditures
- ✓ A single vendor to handle all your hardware and software support needs, built from best practices by data protection experts

## SPECIFICATIONS

Each Plug and Protect Vault configuration includes the following:

- Server Backup Director Software – software that authenticates, accepts, stores, and manages backup data
- Server Backup CenterControl – an easy-to-use console for management of all your backups, as well as fast point-and-click restorations
- Server Backup Software Agents – application- or platform-specific software that captures block-level data changes and transfers the data to the Server Backup Director Software

### ABOUT IRON MOUNTAIN

Iron Mountain Incorporated (NYSE: IRM) is a leading provider of storage and information management services. The company's real estate network of over 67 million square feet across more than 1,000 facilities in 36 countries allows it to serve customers around the world. And its solutions for records management, data management, document management, data center management, and secure shredding help organizations to lower storage costs, comply with regulations, recover from disaster, and better use their information. Founded in 1951, Iron Mountain stores and protects billions of information assets, including business documents, backup tapes, electronic files, and medical data. Visit [www.ironmountain.com](http://www.ironmountain.com) for more information.

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