



Tyrone Seguro™

A NetVault appliance

Easiest Way to Backup and Restore

Advanced, Cross-Platform Data Protection That's Easy to Use and Scalable

Facing competitive pressure and stringent compliance demands, your organization relies on you to restore data after a disaster faster than you can say "RTO" or "RPO". And you're thinking there are only two kinds of data protection products out there: those that are simple to operate but have limited functionality, and those that are robust, but difficult to deploy and manage.

Well, think again-because Tyrone NetVault Seguro Backup offers the most advanced, cross-platform data protection capabilities in the market as well as unsurpassed ease of use, out-of-the-box deployment and seamless scalability. This appliance allows you to safeguard your data and applications in both physical and virtual environments from one intuitive console. And thanks to heterogeneous sever support and extensive application support you can leverage your existing investments in data protection that means no vendor lock-in or a costly rip and replace of what you've already deployed.

Tyrone NetVault Seguro offers enterprise level data protection with ease of use and flexibility

Key Benefits :

- ◆ Intuitive interface requiring only minimal experience to operate.
- ◆ Simple, out of the box deployment for quick time to value.
- ◆ Protection for both physical and virtual, any application environment for cost saving.
- ◆ Heterogeneous server support for flexibility to adjust to changing conditions or emergencies.
- ◆ Plug-in options to tailor NetVault Backup to your environment.
- ◆ Disk-based backup and de-duplication to significantly improve storage efficiency.
- ◆ Comprehensive protection to safeguard critical data.
- ◆ Secured data with 128 / 256-bit encryption.
- ◆ Bare metal recovery to drastically reduce the time it takes to recover a failed disk drive.
- ◆ Flexible storage options for distributed backup architecture.
- ◆ Dynamic device sharing to optimize backup data transfers and reduce points of failure.

FEATURES

- ◆ **Disk Based Backup and de-duplication:**
Leverage disk-based and tape backups for creating on-site and off-site backups for fail over and disaster recovery. You can also add SmartDisk to the Backup solution for post-process data de-duplication. SmartDisk uses patented byte-level, variable block data analysis technology to reduce data storage footprints by upto 90%.
- ◆ **Virtualization Support:**
Extend advanced data protection to VMware and Hyper-V environments. A NetVault Backup plug-in gives you consistent, reliable, point-and-click backup and restore for virtual environments without requiring you to be an expert.
- ◆ **Application Protection:**
Ensure availability of business-critical applications such as Oracle, SQL Server, Exchange, SharePoint, MySQL, PostgreSQL, Domino, Informix and Sybase with application plug-ins. These plug-ins complement native solutions to save your time on integration-no scripting is required to run backup and recovery jobs.
- ◆ **Network Attached Storage (NAS) Protection:**
Safeguard NAS data directly on local SCSI devices, SAN-attached devices (tape or VTL) or storage devices on the network
- ◆ **EnterpriseWide Control:**
Give backup admins the flexibility to define, manage and monitor jobs from remote locations. Automated features for global event notification and policy job management simplify their tasks across heterogeneous storage networks
- ◆ **Strong Security:**
Meet regulatory requirements without sacrificing backup windows or de-duplication performance with an encryption plus-in for CAST-128, AES-256 or CAST-256 algorithm support. Flexible job-level encryption lets you easily select with data to encrypt.
- ◆ **Dynamically Shared Device:**
Share stand alone and library based tape drives among backup servers and SmartClients in SAN or shared SCSI environments. This allows you to optimize workloads and maximize your equipment investments.
- ◆ **Simple, Straightforward Licensing:**
Licensed by capacity, giving you incredible flexibility. You can deploy an unlimited number of clients or application plug-ins



SYSTEM REQUIREMENTS AND SUPPORT

- ◆ **Client Platforms:** Windows, All Linux platforms, MAC OS X, HP-UX Itanium, AIX, Solaris (SPARC & x86/x86-64)
- ◆ **Application Support:** Oracle, SQL Server, Exchange Server, SharePoint, DB2, Informix, Domino, MySQL, PostgreSQL, Sybase, Teradata.
- ◆ **Virtualization Platforms:** VMware and Hyper-V
- ◆ **Device & Library Support:** Supports most existing tape libraries and tape formats

OPERATING ENVIROMENT / COMPLIANCE

- ◆ **RoHS:**
- ◆ **RoHS Compliant**
- ◆ **Environmental Spec:**
- ◆ **Operating Temperature:** 10°C to 35°C (50°F to 95°F)
- ◆ **Non-operating Temperature:** -40°C to 70°C (-40°F to 158°F)
- ◆ **Operating Relative Humidity:** 8% to 90% (non-condensing)
- ◆ **Non-operating Relative Humidity:** 5% to 95% (non-condensing)

	Seguro-10G	Seguro-108	Seguro-212	Seguro-436
Host Interface Options				
1G Ethernet (Default:2)	Upto 6 (RJ45)	Upto 6 (RJ45)	Upto 6 (RJ45)	Upto 6 (RJ45)
10G Ethernet (Default:0)	Upto 2 (RJ45/SFP+)	N/A	Upto 2 (RJ45/SFP+)	Upto 2 (RJ45/SFP+)
HBA (Default:0)	SAS / FC	N/A	SAS / FC	SAS / FC
Features				
Internal Storage (Bundled)	N/A	4 x 1TB SATA SFF	7 x 2TB SATA	10 x 2TB SATA
Backup Data Size (Default)	2TB	1TB	3TB	5TB
Memory	32 GB	16 GB	32 GB	32 GB
RAID Levels	N/A	0, 1, 10, 5 & 6	0, 1, 10, 5 & 6	0, 1, 10, 5 & 6
HDD bays (hot-plug)	Yes	6 SFF	10 LFF	34 LFF
HDD Type	N/A	SAS/SATA	SAS/SATA	SAS/SATA
Max Exp (using JBOD)	N/A	120 HDDs	120 HDDs	120 HDDs
P.Supply	1+1 Redundant	Single Non Redundant	1+1 Redundant	1+1 Redundant
Form Factor	1U	1U	2U	4U