



5 BIGGEST BACKUP PROBLEMS SOLVED

FOR IBM® SPECTRUM PROTECT™ (TSM) USERS

SCHEDULE A PERSONALIZED DEMO TODAY

TABLE OF CONTENTS



1.....	INTRODUCTION
2.....	ALERTS & NOTIFICATIONS SOLVED
3.....	REPORTING SOLVED
4.....	BACKUP TO TAPE LIBRARY MONITORING SOLVED
5.....	HETEROGENEOUS BACKUP COMPONENTS SOLVED
6.....	AUDITING SOLVED
7.....	SUMMARY

“With Servergraph, we immediately saw many features that we knew made the product the best fit for our needs. It gave us clear visibility into how TSM was working and every aspect we needed to know. We had our answer.”

DARREN MADAMS, STORAGE ENGINEER, SUTTER HEALTH

SCHEDULE A PERSONALIZED DEMO TODAY

Your company has business critical data in your IBM Spectrum Storage infrastructure that needs to be protected. Data is expensive; outages are disruptive and costly, and can leave your business exposed.

With an IBM partnership spanning more than 20 years, we spend a lot of time talking to both IBM product teams and clients. Rocket Servergraph has been designed to enhance and extend the value of IBM Spectrum Protect reporting in multi-vendor environments where IT teams traditionally have struggled to produce meaningful reports on backup status with different schedulers and assets beyond IBM.

Servergraph gives you real-time visibility into your backup environment. It's easy to understand what's happening at any time, ensuring peak performance and avoiding capacity surprises. You can automate daily backup reporting and set up alerts to isolate a problem before it affects your business. Servergraph's documentation adheres to SLAs, and predefined reports identify trends and project growth to reduce costly last-minute purchases.

With IBM Spectrum Protect and Servergraph, your biggest backup problems are solved for good.

1

ALERTS & NOTIFICATIONS SOLVED



PROBLEM: As backup environments become increasingly complex, administrators need a way to simplify alert and notification management.

SOLVED: Servergraph extends upon the functionality found in IBM Spectrum Protect, providing tools that allow real-time alerts to be set up and sent to a command console where they can be brought to the attention of a team of administrators and managers via email, SNMP integration, and SMS. This allows the right administrator to respond directly to a backup error using detailed information that is immediately accessible.

Alerts **WITH** Servergraph

- Proactive AND Reactive Alerting
- Problem-Notification to Prevent Failures
- Real-Time Monitoring
- Multiple Monitoring Dashboards
- Alerts Based on Predictions, Thresholds, Forecasts, Failed Backups
- Scope Assigned Alerts and Notifications
- Text Message
- SNMP Traps
- Email
- Server Monitor Dashboard

Alerts with **IBM Spectrum Protect (TSM)**

- Text Messages
- SNMP Traps
- Email
- Assigned "AT RISK" Alerts

2

REPORTING SOLVED



PROBLEM: System-specific reporting tools are too limited in scope for today's multi-vendor backup environment, and do not offer the history to create reports that cover extended periods of time.

SOLVED: Servergraph collects data from both primary and distributed backup servers in a separate database so as not to affect day-to-day backup operations. This helps extend IBM Spectrum Protect's capabilities, ensuring that the data is available for analysis at any time, and can be used in trending and forecasting reports that are relevant to the unique needs of your IT department.

Reports **WITH** Servergraph

Alert Reporting

Trend Reporting

Extended Historical Data

- Analysis on Usage and Trends
- Charge-Back to Business Units for Backup Resources

Customizable Report Storage

Data Retention: Unlimited

Reports with **IBM Spectrum Protect (TSM)**

Data Retention: 14 Days

PROBLEM: Tape libraries continue to be an important asset in the backup environment, but reporting tools have not kept pace with today's information needs.

SOLVED: Servergraph provides reporting on detailed data on tape libraries from IBM Spectrum Protect (TSM) and other vendors. This provides the backup team with an extended dashboard of IBM Spectrum Protect reports, and alerts accessed directly from the physical device.

Tape Library Management with IBM Spectrum Protect (TSM)

<input checked="" type="checkbox"/>	Drive Usage, Path Info, Resource Amount, Total Cartridges, Data Growth, Migration Processes, Backup Processes
<input checked="" type="checkbox"/>	Disaster Recovery Model
<input checked="" type="checkbox"/>	Node Placement
<input checked="" type="checkbox"/>	Record Node to Tape Pairings
<input checked="" type="checkbox"/>	Backup Sets
<input checked="" type="checkbox"/>	Scratch Count (with Alerts)
<input checked="" type="checkbox"/>	Drive and Archive Status
<input checked="" type="checkbox"/>	Reclamation Information

Tape Library Management WITH Servergraph

<input checked="" type="checkbox"/>	All Library and Tape Alerts/Issues
<input checked="" type="checkbox"/>	Fiber Channel Information
<input checked="" type="checkbox"/>	Robotic Arm (Accessor) Data
<input checked="" type="checkbox"/>	Node Cards
<input checked="" type="checkbox"/>	Drive Usage, Path Info, Resource Amount, Total Cartridges, Data Growth, Migration Processes, Backup Processes
<input checked="" type="checkbox"/>	Disaster Recovery Model
<input checked="" type="checkbox"/>	Node Placement
<input checked="" type="checkbox"/>	Record Node to Tape Pairings
<input checked="" type="checkbox"/>	Backup Sets
<input checked="" type="checkbox"/>	Scratch Count (with Alerts)
<input checked="" type="checkbox"/>	Drive and Archive Status
<input checked="" type="checkbox"/>	Reclamation Information

4

HETEROGENEOUS BACKUP COMPONENTS **SOLVED**



PROBLEM: Modern enterprise environments comprise many different storage and backup solutions. Backup teams need consolidated monitoring of systems from multiple vendors for efficient management, reporting and monitoring.

SOLVED: Modern enterprise environments are comprised of many different storage and backup solutions that may be deployed on-premise, in the cloud, or a hybrid of both. Servergraph gives backup teams the ability to monitor multi-vendor hardware environments from one console for efficient management, reporting and monitoring.

Enterprise backup products including:	Monitors backup storage targets such as:	Monitors enterprise storage such as:	Provides interface to enterprise schedulers:	Provides data to generate issues in trouble ticketing systems:
<ul style="list-style-type: none">• AVAMAR• BackupExec• BRMS• CommVault• DPM• HyperV• NetBackup• Networker VEEAM• RMAN• SQL• VMWare+ more	<ul style="list-style-type: none">• DXI• Data Domain• Exagrid• FalconStor• Protectier+ more	<ul style="list-style-type: none">• Isilon• Netapp• Spectrum Scale+ more	<ul style="list-style-type: none">• Autosys• Control-M• Workload Scheduler+ more	<ul style="list-style-type: none">• Remedy• ServiceNow+ more

5

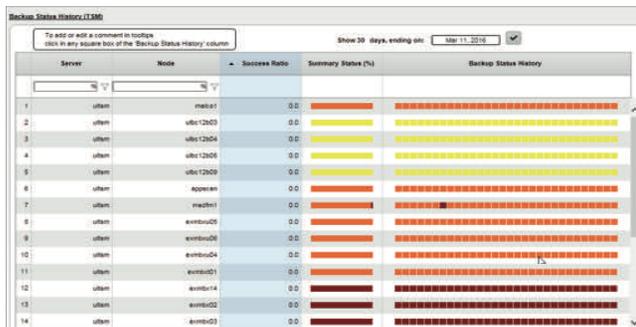
AUDITING SOLVED



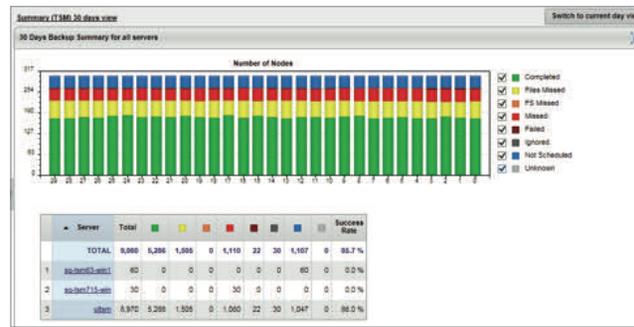
PROBLEM: Compliance with external regulations and Service Level Agreements (SLAs) is difficult, if not impossible, within heterogeneous environments. This is especially true with SOX, HIPAA, Basel III, and GDPR (EU). But, not meeting those requirements is personally and professionally dangerous. A detailed audit trail on your backup systems is crucial to prove the recoverability of corporate intellectual property.

SOLVED: Servergraph provides an unbiased audit tool that tracks backups and statistics and gives auditors their own tool to review compliance, whether internal or external (regulatory). Auditors can easily customize their views, looking at the entire enterprise or just select systems (i.e. systems under SOX compliance rules).

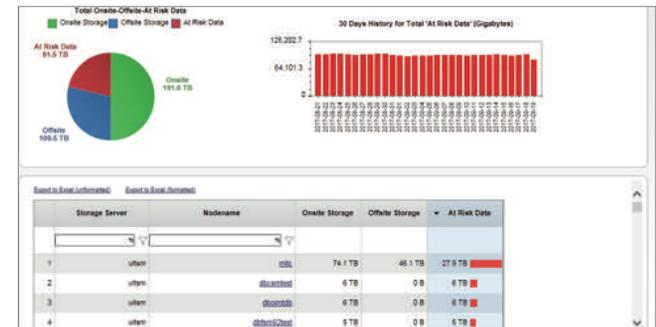
Servergraph restricts user access to only the data and actions necessary to perform their job function.



Missed/Failed Reports: Last 30 Days



Auditing Summary



At-Risk Data

SUMMARY



Face the complex challenges of your backup environment head on. Servergraph builds on the functionality included with IBM Spectrum Protect. It monitors your entire heterogeneous backup environment proactively, and provides real-time, in-depth, and comprehensive dashboards and reports that enable you to manage your data protection processes efficiently. Servergraph helps you ensure optimal performance and effectiveness from your data protection investment.



EXPERIENCE WHAT SOLID DATA PROTECTION FEELS LIKE TODAY.

SCHEDULE A PERSONALIZED DEMO TODAY