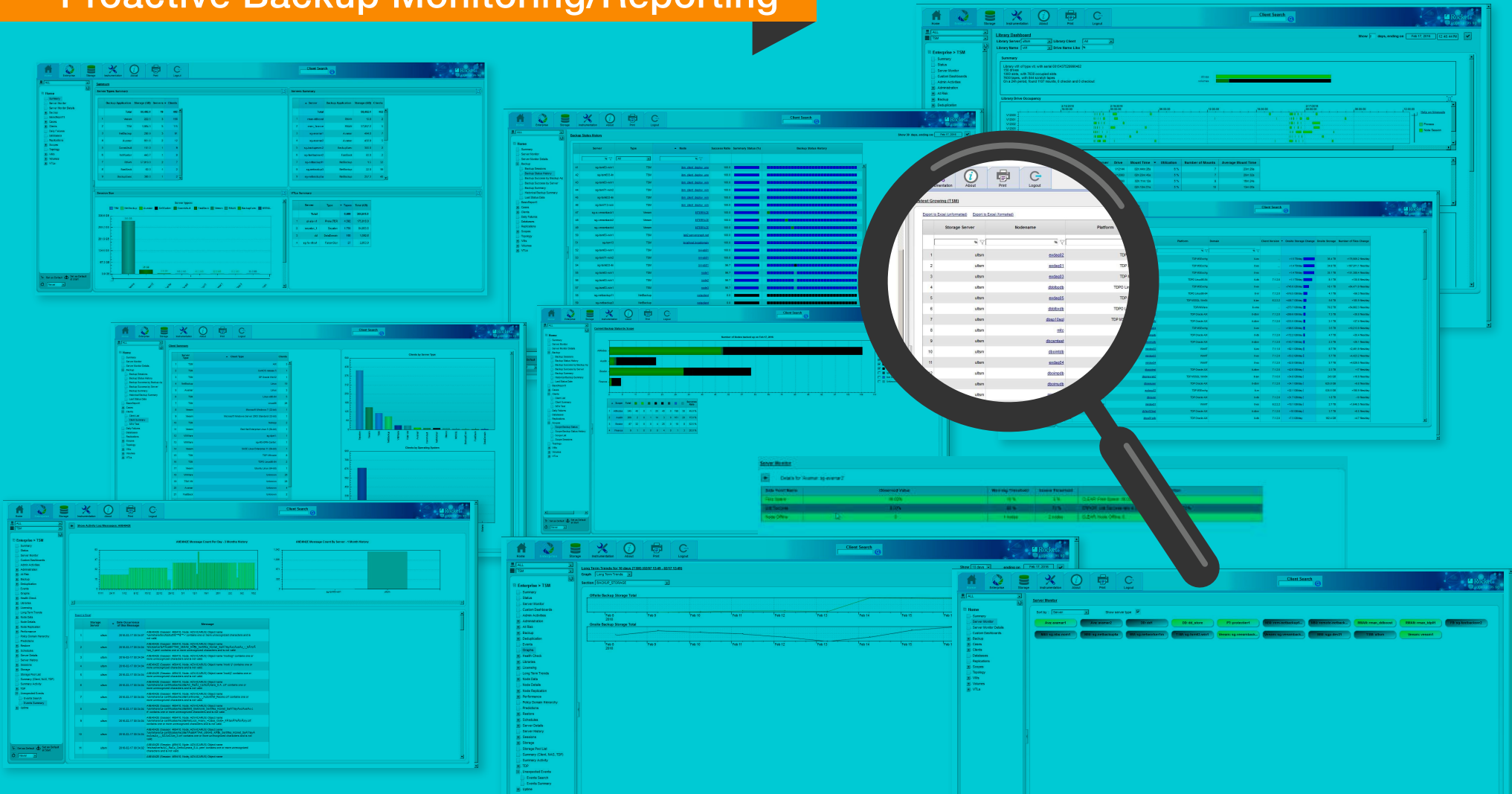


# Top 10 Reports from Rocket<sup>®</sup> Servergraph Professional

Proactive Backup Monitoring/Reporting

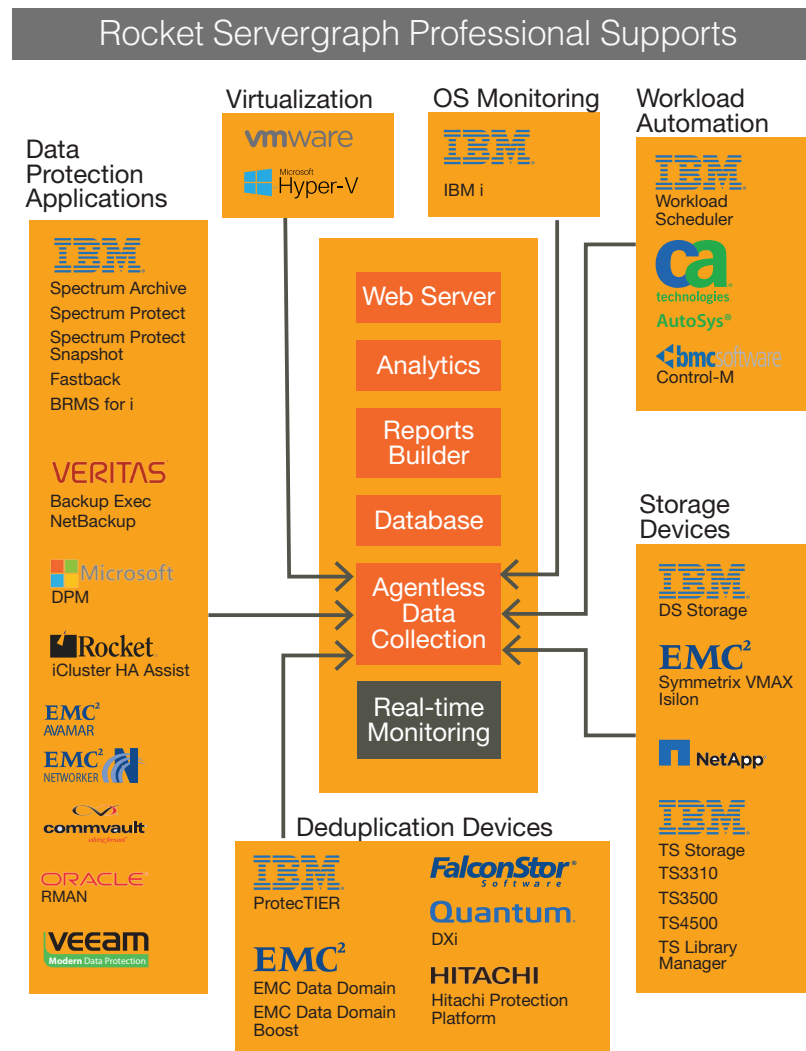


“We have been using Servergraph daily and I believe that it has saved me untold hours of troubleshooting and monitoring and my supervisors can see that.”

**Mike Burke**, System Administrator, Monroe County, NY

Rocket® Servergraph Professional is all you need to ensure optimal performance and execution from your data protection investment. Servergraph helps your data protection “first responders” (backup operations teams, storage administrators) become proactive and more strategic. It monitors your entire backup environment, regardless of how many tools from different vendors have been implemented, and provides automated dashboards and reports allowing you and your team to better manage your data protection processes, costs, and risks.

Servergraph distinguishes itself by providing a “single pane of glass,” offering real-time, in-depth, and comprehensive views of your data protection infrastructure.



## Top 10 Rocket Servergraph Professional Reports

In production environments, IT Managers customize Servergraph reports to meet their unique requirements. Based on our experience, Servergraph reports can be categorized into four main groups or views of the data protection environment:

1. Overviews of the entire, heterogeneous backup environment for managers
2. Overviews of devices and applications being monitored, for non-backup technical professionals
3. Detailed views of different parts of the backup environment, for backup administrators and specialists
4. Customized views of specific backup nodes for internal business partners (e.g. Finance, HR, Sales, etc.)

Following are examples of ten core Servergraph reports that any backup professional will find essential for monitoring the health of backup environments.



# #1

## Summary of the Entire Backup Environment

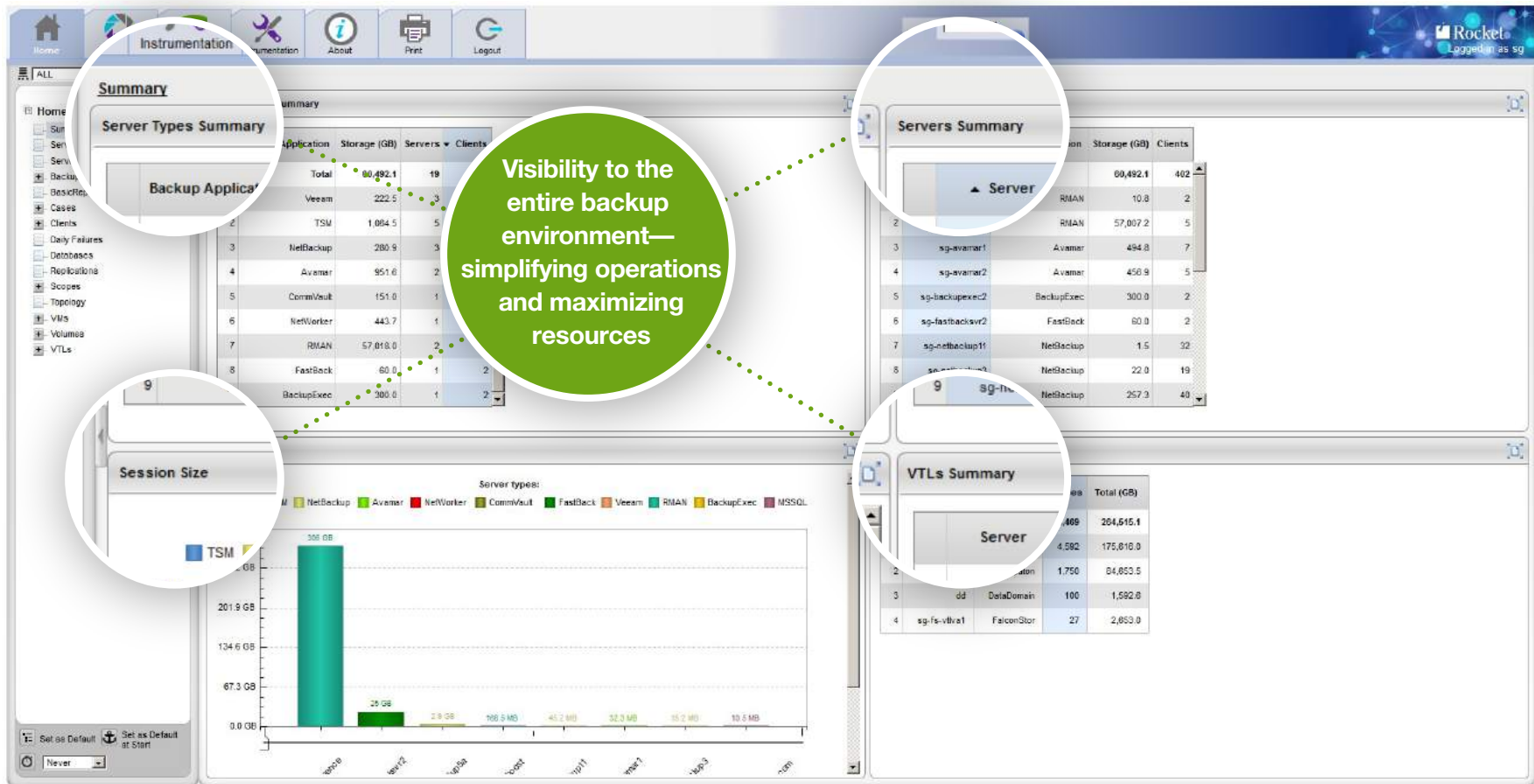
This report shows the entire environment and all backup platforms. You can view backup performance by application, server, size of backup, and virtual tape library. Any report can be expanded to a full-page view.



Administrators  
IT Managers



Visibility to the entire backup environment helps you better manage heterogeneous backup systems and more efficiently use resources.



Visibility to the entire backup environment—simplifying operations and maximizing resources



# #2

## 30-Day Backup Status of All Nodes

This report shows the status for 30 days for all nodes, regardless of backup type. It provides the success ratio and visual cues for each, to identify successful operations as well as trouble spots. This view has filters, including customizable categories called “scopes”.



Administrators  
IT Managers



This report provides centralized 30-day backup statuses of all nodes for easier management and troubleshooting. It also allows further drill-down for historical performance and predictive analysis for SLA, vendor, and end-user management.

The screenshot shows a web-based interface for a backup management system. The main area displays a table titled "Backup Status History" with columns for Server, Type, Node, Success Ratio, and Summary Status (%). The table lists various nodes with their respective success rates and visual progress bars. A callout bubble highlights the "30-day status per node made easy" feature. Another callout bubble points to the "Show 30 days, ending on:" filter. The interface includes a navigation menu on the left, a top navigation bar with icons for Home, Enterprise, Storage, Instrumentation, About, Print, and Logout, and a search bar for clients. The bottom of the interface shows pagination controls and a "Never" dropdown menu.

Server	Type	Node	Success Ratio	Summary Status (%)
41	sg-tsm63-win1	TSM		
42	sg-tsm633-in	TSM	100.0	
43	sg-tsm63-win1	TSM	100.0	
44	sg-tsm71-win2	TSM	100.0	
45	sg-tsm633-in	TSM	100.0	
46	sg-tsm713-win	TSM	100.0	
47	sg-s-veeamback1	Veeam	100.0	
48	sg-s-veeamback2	Veeam	100.0	
49	sg-s-veeamback4	Veeam	100.0	
50	sg-tsm63-win1	TSM	100.0	
51	sg-tsm13	TSM	100.0	
52	sg-tsm63-win1	TSM	100.0	
53	sg-tsm71-win2	TSM	100.0	
54	sg-tsm633-in	TSM	96.7	
55	sg-tsm63-win1	TSM	96.7	
56	sg-tsm63-win1	TSM	96.7	
57	sg-tsm63-win1	TSM	96.7	
58	sg-netbackup11	NetBackup	0.0	
59	sg-netbackup3	NetBackup	0.0	
60	sg-netbackup11	NetBackup	0.0	
61	sg-netbackup3	NetBackup	0.0	
62	sg-tsm63-win1	TSM	96.7	
63	sg-tsm63-win1	TSM	96.7	
64	sg-tsm71-win2	TSM	100.0	
65	simpans10	CommVault	0.0	



# #3

## Client Overview (All Clients from All Backup Applications)

This report shows an overview of all clients by server type and operating system, with total clients presented as a list and in chart form. These backup performance reports can also serve as the backbone of automating accurate storage billing or cross-charging.



Administrators  
IT Managers  
Finance



Customers typically need to view their backup performance multiple ways. This report provides comprehensive data on all clients by server type and operating system for easier client assessment and reporting.

**Client Summary Table:**

Client ID	Server Type	Client Type	Clients
1	TSM	CentOS release 5	1
2	NetBackup	DP Oracle Win32	1
3	Avamar	Linux	19
4	NetBackup	Linux	3
5	Avamar	Linux x86_64	3
6	TSM	Microsoft Windows Server 2008 R2	1
7	TSM	Microsoft Windows Server 2008 R2	1
8	Veeam	Microsoft Windows Server 2008 R2	1
9	Veeam	Microsoft Windows Server 2008 R2	1
10	TSM	Microsoft Windows Server 2008 R2	1
11	Veeam	Red Hat Enterprise Linux	1
12	VMWare	VMWare	1
13	VMWare	VMWare	1
14	Veeam	SUSE Linux Enterprise Server	1
15	TSM	VMWare	1
16	TSM	VMWare	1
17	Veeam	Ubuntu	1
18	VMWare	VMWare	1
19	TSM VM	Unknown	28
20	Avamar	Unknown	4
21	FastBack	Unknown	2
22	MSSQL	Unknown	5
23	TSM	Unknown	28
24	RMAN	Unknown	7
25	Veeam	Unknown	149
26	BackupExec	Unknown	2
27	Sepaton	Unknown	414
28	NetWorker	Unknown	8

**Clients by Server Type Chart:**

Server Type	Count
Sepaton	414
Veeam	149
TSM	28
NetBackup	3
VMWare	1
TSM	1
Avamar	1
CommVault	1
NetWorker	1
RMAN	1
MSSQL	1
BackupExec	1
FastBack	1
DataDomain	1

**Clients by Operating System Chart:**

Operating System	Count
Unknown	414
Windows	149
Linux	28
TDP	2
AIX	1
NetApp	1
sg-MS-DPM-Center	1
CentOS release 5	1
sg-omi:	1
DP-Oracle Win32	1
Solaris	1



# #4

## Backup Status by “Scope”

As noted earlier, a “scope” is a group of nodes defined by the administrator based on any criteria that is important for them to monitor, forecast, or report on (e.g. Departments, Data Centers, Customers, or Application). This report shows backup status by location and department scopes. The color coded chart complements the table of data for quick reference.

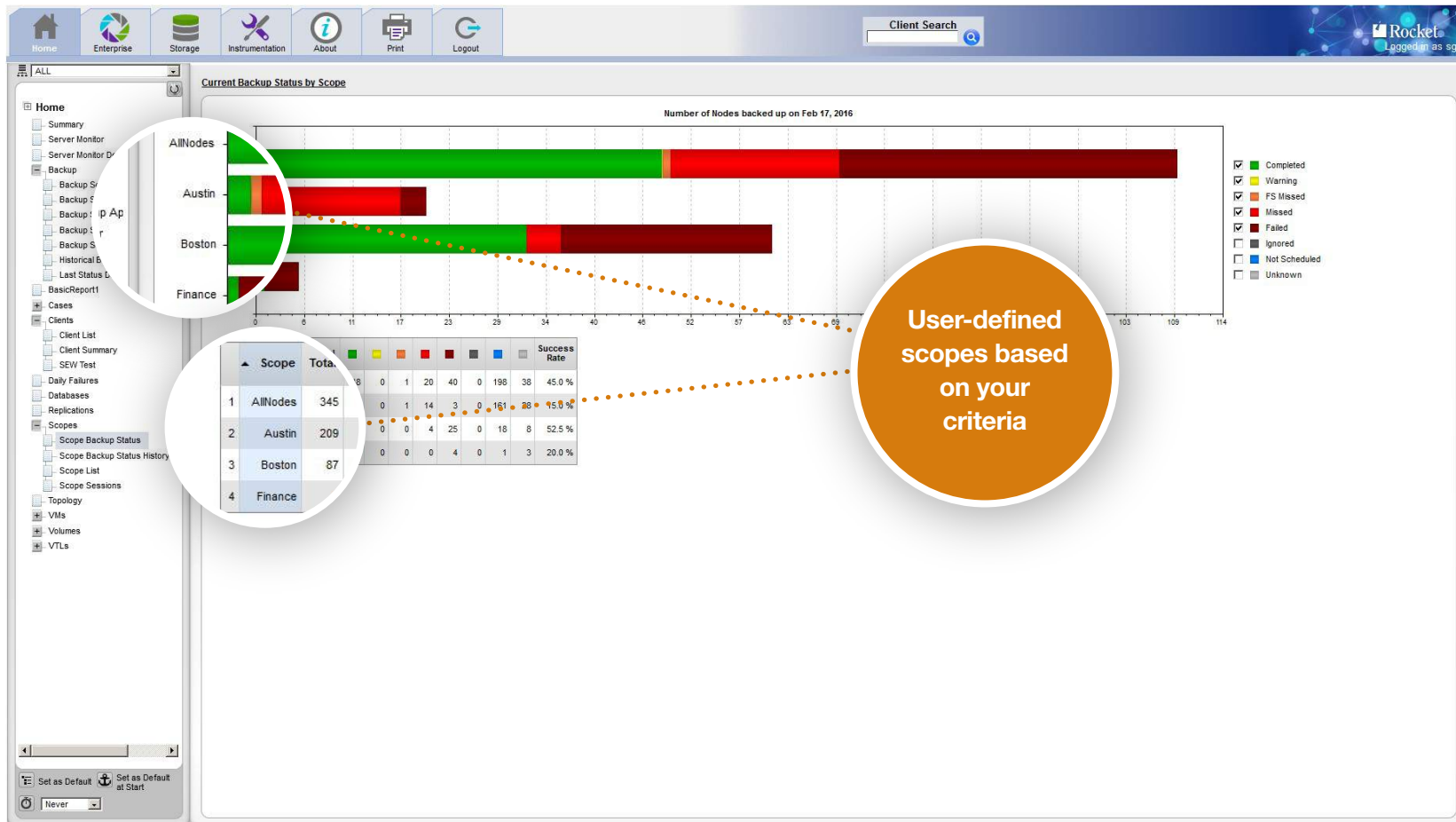


Administrators  
IT Managers



BENEFITS

Reporting on user-customizable scopes enables you to better monitor, troubleshoot, and forecast for those areas that are most important to your organization.



User-defined scopes based on your criteria



# #5

## Library Dashboard

Servergraph maintains detailed information on tape libraries, with both summary and detailed reports. This is a report for a tape library that shows when it is in use and how busy it is. Library details vary depending upon the application being used—this screenshot is for IBM TSM-targeted libraries.



Administrators  
IT Managers



Understanding how your tape libraries are being utilized is an important part of optimizing your management and use of those libraries, and Servergraph makes it easy to understand and optimize your use of tape libraries.



# #6

## “Fastest Growing” Reports

The report below can be used to determine which servers are utilizing excessive resources, by tracking the changes in storage capacity, amount of storage used, and number of file changes by node. With Servergraph you can quickly identify fastest growing nodes, fastest growing VMs, nodes utilizing the most storage, and the nodes running most slowly (which may be tying up resources inefficiently).



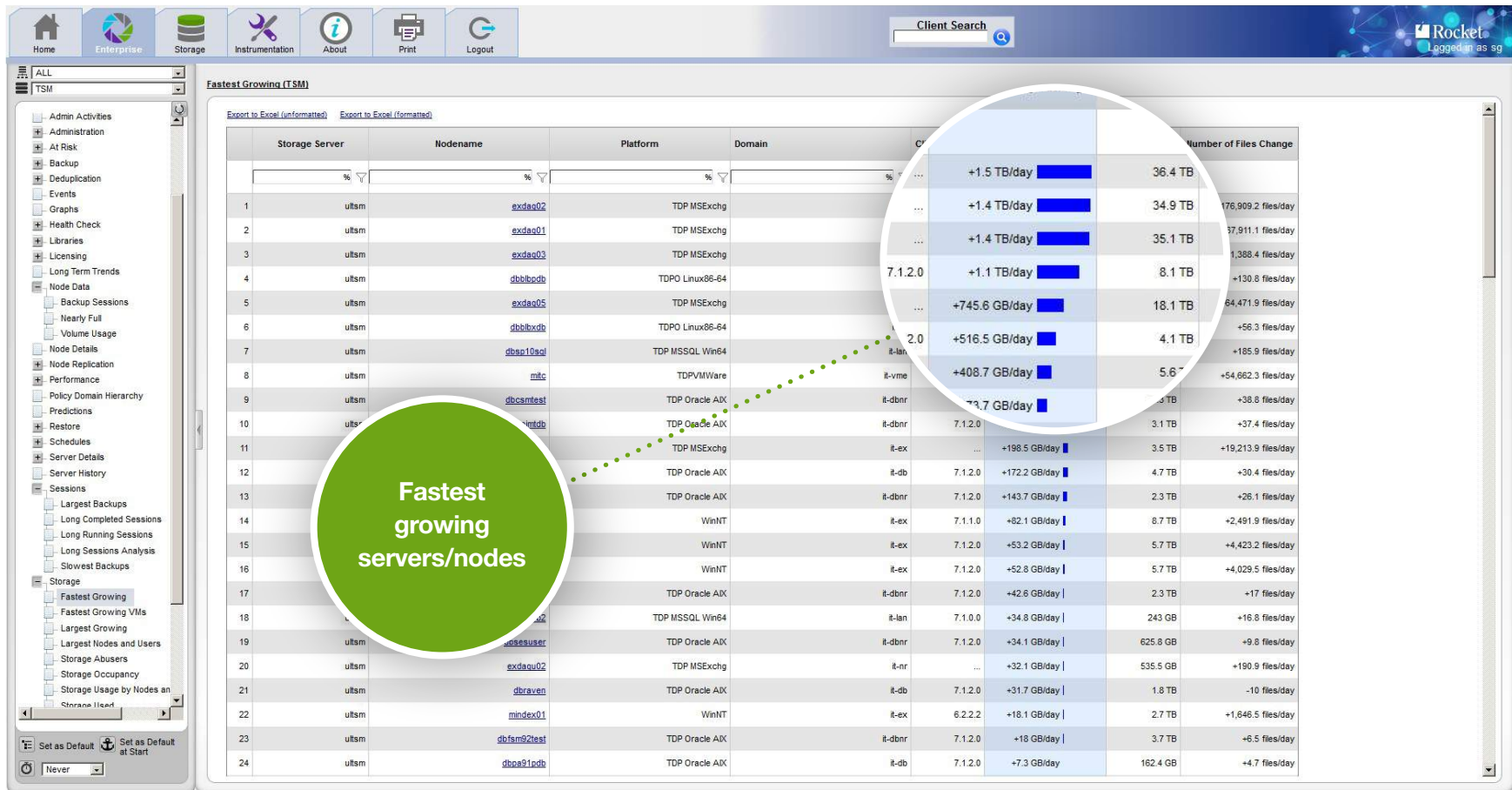
USERS

Administrators  
IT Managers  
CIOs  
Business Users



BENEFITS

This type of information can help not only with spotting potential problems before they get out of control, but it can also help you improve capacity planning efforts. Servergraph includes many similar reports to give you insight needed for capacity and end-user SLA management or vendor negotiations.



Fastest growing servers/nodes





# #7

## TSM Events

IBM TSM (now known as IBM Spectrum Protect) is a widely-used data protection platform. Servergraph integrates with the TSM environment, providing an optional TSM administration console for companies that are heavy TSM users. The report below provides an in-depth view of TSM environments, helping the administrator research events to discover how often they occur, and on which servers.

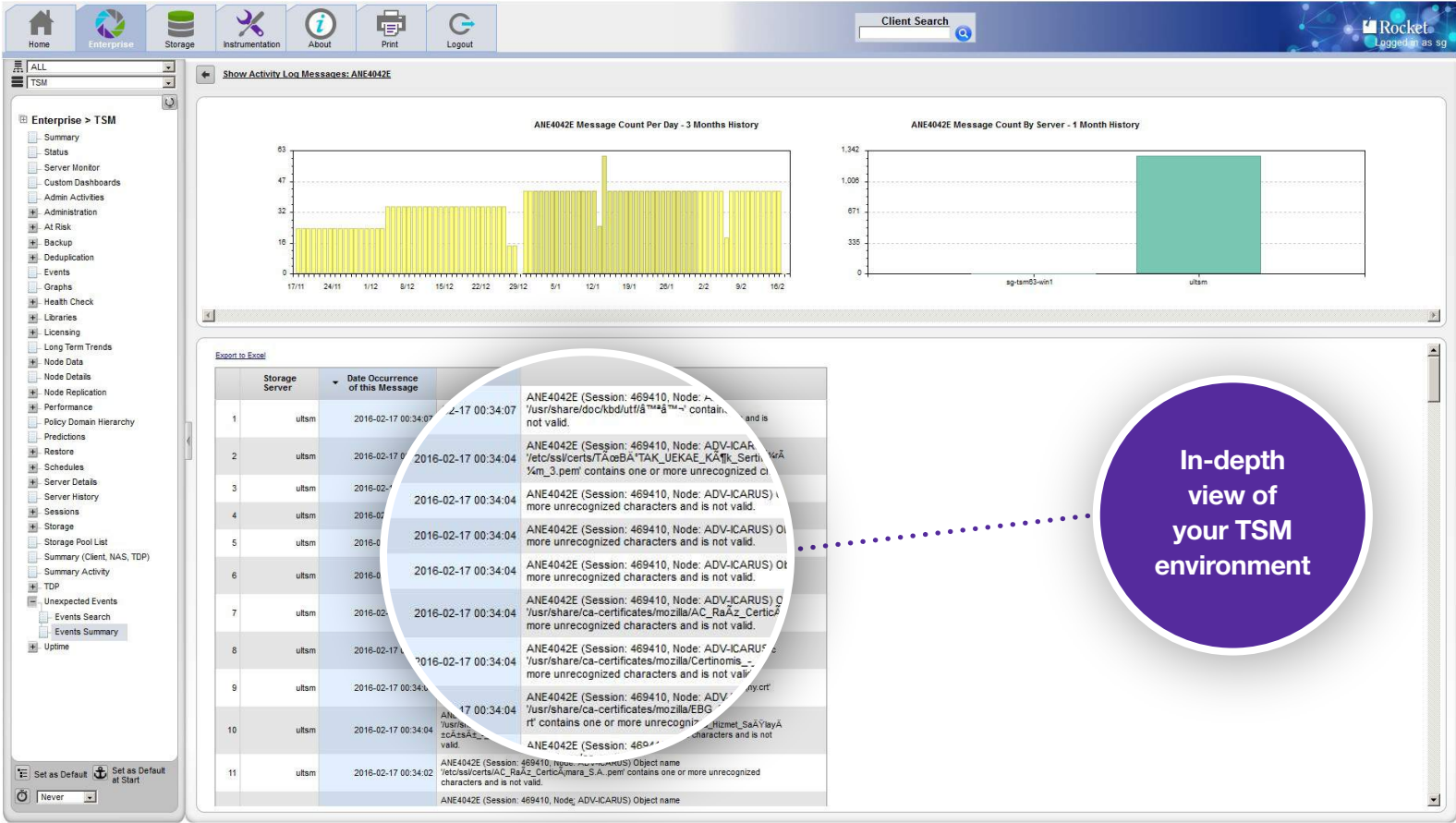


Administrators  
IT Managers



BENEFITS

This additional level of detail helps TSM users more easily troubleshoot issues, increasing the manageability of the TSM system.



In-depth view of your TSM environment



# #8

## Automated Billing with Chargeback

Servergraph can automatically generate and send email reports. This example shows how these can be used to provide billing and chargeback details to department heads and others across your organization. You can base chargebacks on your own parameters, and even create specific billing rates for different media, onsite vs. offsite storage, or any other variables.



USERS

Administrators  
IT Managers  
Finance  
Business Users



BENEFITS

Many organizations struggle to manage the reporting process for their chargebacks. Servergraph's user-defined parameters and reporting make it easy.

The screenshot shows an email interface with a sidebar on the left and a main content area. The sidebar lists folders: INBOX (5), SENT, DRAFT (2), SPAM (3), TRASH, MESSAGE (2), and TAGS. The main content area shows an email from Bob Smith titled "Servergraph SGcharge program". The email body contains the following text:

Servergraph SGcharge program

Billing period: 2016-03-23 through 2016-03-25  
Service charge per billing period: 1.00  
Total GB-days: 272.04  
Total storage charges: 2.73  
Total charges: 3.73  
Summary available at localhost/DOMINO/sgchargesum.html

-- Message generated by Servergraph's sgcharge progr

Automated billing and chargeback based on user-defined parameters —easier cost reallocation



#9

## Long Term Trend Graphs

Servergraph can show you what is happening by server, node, backup application, or scope, and give you visibility into their trends over time. This helps you understand what's happening today and helps you predict what is likely to happen in the future.



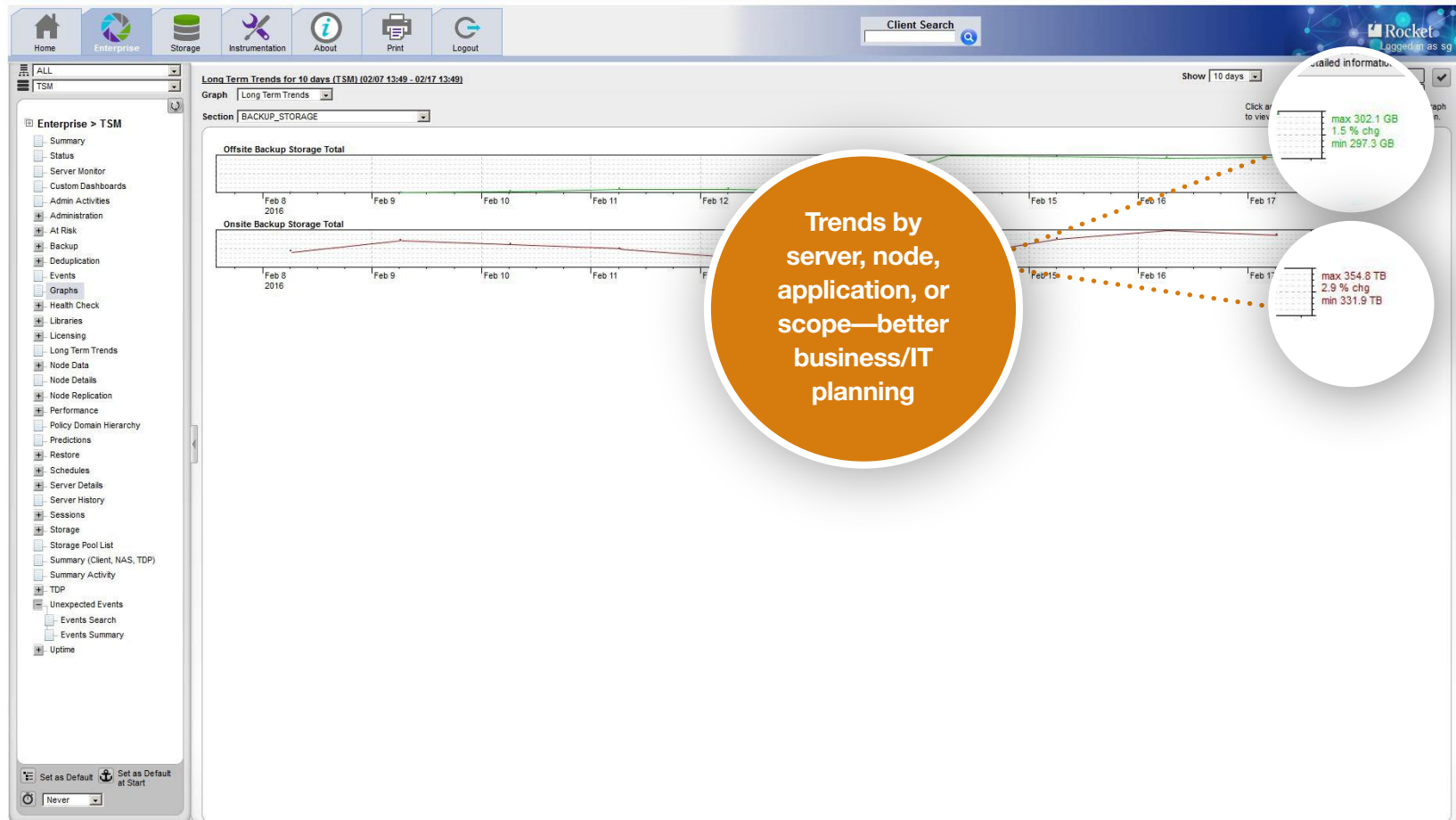
USERS

Administrators  
IT Managers  
CIOs  
Business Stakeholders



BENEFITS

Trending reports are very useful for IT business planning, and provide fundamental information for governance and compliance.



# #10

## Server Monitor

The Server Monitor report is the overall dashboard for the organization's entire backup environment. This "quick view" has color coded blocks to indicate status and provides a drill-down so you can see exactly where the problem lies.



Administrators  
IT Managers  
CIOs



Servergraph provides both a high level view of your environment and a quick way to isolate the root cause of an issue, simplifying troubleshooting, and helping you improve both resource utilization and service levels.

The screenshot shows the Server Monitor dashboard with a navigation menu on the left and a main content area. A 'Client Search' bar is at the top right. The dashboard displays a grid of server health indicators, each with a color-coded status (green for healthy, red for unhealthy). One server, 'Ava: avamar2', is highlighted in red. A callout bubble points to this server with the text 'Drill-down to the unhealthy server'. Another callout bubble points to the overall grid with the text 'Overall health by server—easier management and troubleshooting'. A third callout bubble points to a detailed view of the 'Ava: avamar2' server, showing a table of data points.

Data Point Name	Observed Value	Warning Threshold	Severe Threshold	Description
Free Space	38.02%	10 %	5 %	CLEAR: Free Space: 38.02%
Job Success	0.00%	90 %	70 %	ERROR: Job Success rate is 0.00%, below threshold of 70%.
Node Offline	0	1 nodes	2 nodes	CLEAR: Node Offline: 0.



## Summary

Servergraph offers many other reports, reflecting the broad diversity of monitoring needs across our customer base. We recognize that every customer has specific requirements customized to the unique needs of their environment. Accordingly, Servergraph offers hundreds of standard dashboards but also makes it easy to adapt those reports to fit your operational needs.

Rocket Servergraph Professional proactively monitors and reports on your entire, heterogeneous backup environment, providing a real-time, in-depth, and comprehensive view for you to efficiently manage your data protection processes. Servergraph helps you ensure optimal performance and effectiveness from your data protection investment.

If you want to learn more about how you can benefit from Rocket Servergraph, please contact your Rocket Account Executive or visit us at:  
[www.rocketsoftware.com/products/rocket-servergraph-professional](http://www.rocketsoftware.com/products/rocket-servergraph-professional)



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## About Rocket Software

Rocket Software ([www.rocketsoftware.com](http://www.rocketsoftware.com)) is a technology company that helps organizations in the IBM ecosystem build solutions that meet today's needs while extending the value of their technology investments for the future. Thousands of companies depend on Rocket to solve their most challenging business problems by helping them run their existing infrastructure and data, as well as extend those assets to take advantage of cloud, mobile, analytics, and other future innovations. Founded in 1990, Rocket is based in Waltham, Massachusetts with locations in Europe, Asia, and Australia.

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