

ZAO PeterStar

Increasing Data and System Protection at Leading Russian Telecommunications Provider

Hundreds of thousands of OAO PeterStar’s customers rely on the company for the continued, reliable delivery of information and services. Challenged with improving the backup and restore capability within its Sun Solaris environment, the company deployed Veritas NetBackup™ from Symantec™. This high-performance data protection solution has helped optimize data and systems protection, while simultaneously providing a single console for the management of all the company’s backup and recovery operations.

Organization Profile

ZAO PeterStar specializes in telephony services, Internet access, and data communication services for the Northwest region of Russia. The company currently has a 60 percent share of business telephony market.

Industry

Telecommunications

Solution

High Availability

Telecommunications provider to the North West region of Russia

ZAO PeterStar is one of the leaders on the telecommunications market in the Northwest region of Russia. The company specializes in the provision of telephony, Internet, and data services. Over its 10 years history, PeterStar has invested more than \$150 million in the development of its own network, including more than 35,000 telephone lines in Vassilievski Island. PeterStar also possesses the longest fiber network in St. Petersburg—about 2,000 kilometers. The company applies the most advanced technology: SDH, ATM, Frame Relay, DSL, IP, as well as up-to-date information support and customer service systems. PeterStar’s clients include the Central bank of the Russian Federation, the Savings Bank of the Russian Federation, Foreign Trade Bank, Grand Hotel Europe, Radisson SAS Hotels, and Pulkovo Airlines.

Like any 21st century telecommunications provider, PeterStar needs to ensure customers have access to its Internet site and services around the clock—365 days a year. Owing to dynamic business development, some components of the data backup and restore environment within Web servers were struggling to cope with growing volumes of traffic though. As a result, PeterStar identified the need for a centralized data backup system: a solution capable to managing all aspects of backup and restore.

Efficient, multi-platform backup and restore solution

After consulting with ELCOM company specialists, ZAO PeterStar made the decision to deploy an efficient, multi-platform backup and restore solution from Symantec—Veritas NetBackup. The solution was chosen based on price, usability, ease of implementation, and the clarity of the product roadmap. According to PeterStar, Veritas NetBackup could also be adapted easily to incorporate new features, all geared around PeterStar’s business growing and changing infrastructure demands. Moreover, Veritas NetBackup also supports instant data restore in the case of an emergency, thereby increasing Web site reliability.

“Veritas NetBackup was chosen based on price, clarify, convenience, and efficiency.”

Natalia Sokolova

Manager of Telematics Services

ZAO PeterStar

Leading telecommunications provider to Northwest region of Russia deploys Veritas NetBackup from Symantec to optimize data and system protection in Sun Web server environment.

The Symantec data and system protection solution was deployed in PeterStar very quickly. The hardware components of the solution are based on Sun Fire V240 servers, and a 1.5 terabytes Sun StorEdge 3310 storage array. On the software side, Sun Solaris is the operating system, working in parallel with Veritas NetBackup Server, and server applications of various types.

The new data and system protection environment—wrapped around Veritas NetBackup—provides data protection for dozens of Sun Solaris servers, including e-mail and file servers. In addition, Veritas NetBackup enables the implementation of emergency restore of servers with IDR (Intelligent Disaster Recovery) technology. Administrators receive daily reports on backup operations in readable format. And the system is designed for automatic operation, so that an IT manager does not need to interfere or take any manual actions. The environment is managed for a remote console on the administrator's workstation and all backup operations are implemented in remote mode.

Other advantages abound. Veritas NetBackup is the only solution providing the integration of read/write operations with a standard backup utility from Microsoft. It also offers a wide choice of tools for backup and restore for experienced users, together

SOLUTION AT A GLANCE

Business Drivers

- Increase Web services performance and reliability
- Maximize efficiency and reduce cost

Technology Challenges

- Implement a stable solution to backup and restore solutions
- Ensure all components are scalable for growing volumes of traffic

Solution

- The implementation of a centralized data backup architecture spanning ZAO PeterStar's Web servers

Symantec Products

- Veritas NetBackup™

Technology Environment

- Server Platform: Sun Fire V240 servers running the Solaris OS
- Storage: Sun StorEdge 3310 storage array

Partners

- ELCOM

Business Value and Technical Benefits

- Provided data protection for dozens of Sun Solaris servers, including e-mail and file servers. Enabled the implementation of emergency restore of servers with IDR (Intelligent Disaster Recovery) technology
- Only solution providing the integration of read/write operations with a standard backup utility from Microsoft
- Provided a unified set of agents and options for the online protection of Internet applications and databases, together with the centralized management of backup servers group, restore and SAN support
- Provided Administrators with daily reports on backup operations in readable format
- System designed for automatic operation, so that the IT manager does not need to interfere or take any manual actions
- Managed by a remote console on the administrator's workstation
- All backup operations implemented in remote mode
- Offered a wide choice of tools for backup and restore for experienced users, together with intuitive GUI with handy Wizards to help inexperienced users in common tasks

with intuitive GUI with handy wizards to help inexperienced users in common tasks. Moreover, Veritas NetBackup provides PeterStar with a unified set of agents and options for the online protection of Internet applications and databases, together with the centralized management of backup servers group, restore, and SAN support.

“Veritas NetBackup from Symantec was chosen based on price, clarity, convenience, and efficiency,” says Natalia Sokolova, manager of telematics services, ZAO PeterStar. ■