

BAE Systems

VERITAS NetBackup DataCenter has helped BAE eliminate the need for network administrators to be involved in backup activities.

THE SUCCESS

BAE Systems North America develops, integrates, manufactures, and supports a wide range of advanced complex military and aerospace systems. The company has grown to become one of the top 10 suppliers to the U.S. Department of Defense.

VERITAS NetBackup DataCenter's unified interface and multiplatform support has helped BAE deploy its operators more efficiently and flexibly, and it has eliminated the need for network administrators to be involved in backup activities. "It's a nice unified GUI," says Stephen Darragh, Senior Manager of Technical Staff. "Every operator can sub for any other operator." Plus, that interface is easy for both UNIX- and Windows-trained operators to use and also provides them the control they need to handle any exceptional issues.

"With VERITAS, we can check every backup job status immediately and know if there's anything that we need to escalate," says Darragh.

Darragh is also impressed with the

continued commitment and efforts of VERITAS Software to improve its backup applications. "Every release of VERITAS NetBackup has gotten better, and that's what we want to see," says Darragh. "VERITAS has become a very good partner for us."

THE SITUATION

The staff of BAE Systems North America creates — and needs quick access to — mounds of data to maintain currently deployed systems and to support work with government and commercial customers on systems under development. With 12 TB of data in seven locations, a highly automated system that backs up huge amounts of data quickly while providing easy access to individual files and data is critical. BAE Systems realized it needed to replace its ad hoc backup system, composed of various vendor-specific tools on servers directly connected to storage media, each using custom scripts. The company decided that it needed a common backup system with central-

ized storage that supported multiple platforms while providing automation services to reduce human error. The goal was utility-like availability delivered by an effective backup and recovery process.

THE SOLUTION

BAE chose VERITAS NetBackup DataCenter for its universal environment, supporting a wide range of tape backup hardware, server hardware, and operating systems. "We've consolidated those into a centralized environment that is much easier to manage," says Darragh. "VERITAS NetBackup is platform-neutral and vendor independent, an awesome way to go. Using NetBackup saves us a lot of training time and costs and gives us so much more flexibility."

Another benefit of the VERITAS solution is the predictability and certainty of backup operations and the related positive impact on network loads. BAE's backup times have been reduced from 12 hours to about four,

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—Stephen Darragh, Senior Manager of Technical Staff, BAE Systems North America

thanks to the centralized data center managed by VERITAS NetBackup DataCenter. “In the past we would have to go find the tape, look at it, decide if it’s done, load it in, read its contents, and look for the requested files,” says Darragh. “Now we have this beautiful database that we can actually search through. We can narrow down our dates. We can even bring the user and have him walk through his data. It’s much easier and more efficient for us.”

The next steps for BAE include implementing a system for disaster recovery to be based on VERITAS products. “I’m looking forward to using VERITAS NetBackup’s Advanced Reporter,” says Darragh. “Advanced Reporter is going to allow us to see tape utilization and performance utilization of our backups. It’ll graph out all the things we need to see, such as, Is our backup window wide enough? Is our backup window too long? Can we shrink that window even further and have less impact on our user community? Because our backups

should be like a utility in that it’s all background. People just know it’s there, and they just accept it as part of their life. And that’s the way it should work.” With VERITAS, it does.

BAE SYSTEMS

BAE Systems

BAE Systems North America develops, integrates, manufactures, and supports a wide range of advanced complex military and aerospace systems.

Business Goals

- *Speed and simplify access to data*
- *Back up data automatically*
- *Implement common backup with centralized storage*

Environment

- *Wide range of tape backup hardware, server hardware, and operating systems*

VERITAS Solution

- *VERITAS NetBackup DataCenter™*

Business Benefits

- *Reduces backup times from 12 hours to four*
- *Enables flexible deployment of operators*
- *Frees network administrators from backup activities*

