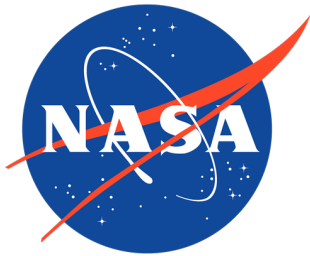**Retrospect**
A StorCentric Company.

NASA Relies on Retrospect Backup for Two Decades of Protection

"The original decision to use Retrospect occurred in the early 1990s. It has withstood the test of time as a superior product."

Dale Windsor
Systems Administrator
Honeywell Technology Solutions at NASA

BUSINESS BACKGROUND

The National Aeronautics and Space Administration (NASA) is an independent agency of the United States Federal Government responsible for the civilian space program, as well as aeronautics and aerospace research. NASA was established in 1958, succeeding the National Advisory Committee for Aeronautics.

Honeywell Technology Solutions (HTS) is a provider of management, space systems and services, engineering, logistics, information technology. Honeywell Technology Solutions is a close partner with NASA, working with the agency on numerous projects.

Dale Windsor is a Systems Administrator at Honeywell Technology Solutions, managing parts of NASA's infrastructure for the Hubble Space Telescope.

SUPERIOR PRODUCT

Windsor uses Retrospect to protect critical servers at NASA. "The original decision to use Retrospect occurred in the early 1990s," said Windsor. "The advantages then were many, and it has withstood the test of time as a superior product."

"For example, Retrospect can backup Windows, Mac OS, Linux and Unix products. The point in time backup feature makes it possible to restore files before the mistake was made or bad file occurred. Retrospect has

INDUSTRY
Aerospace

ENVIRONMENT
• Dozens of servers

KEY CHALLENGES
• Multiple instances to protect servers
• Multi-platform support

SOLUTION
• Retrospect Backup Multi Server for Windows
• Available at $179 per month, $1,799 per year, or $2,999 perpetual

KEY BENEFITS
• Easy scripting
• Automated tape functionality
• Point-in-time file recovery
• Cross-platform support

easy to use scripting, automated tape function and direct to disk array backups. And it has the ability to add or scale your systems as the data size changes. There are many more advantages to Retrospect. The internet is loaded with success stories," noted Windsor.

Retrospect Backup's long list of features makes it a great fit for NASA, working in the constraints of a budget while protecting many servers.

With cross-platform support for Windows, Mac, and Linux, Retrospect can provide point-in-time restores for every system and simplify complex strategies using NAS and tape into easy-to-use scripts.

When the data volume grows, Retrospect grows with it.

"I can create an automated script, and it will back up the client using the full or incremental method depending on the need. I can then restore that same data back to the client reliably, and they can pick up their work right where they left off. The user can also do the same for themselves if the configuration is set up to allow it," added Windsor.

The ability to provide self-service restores to end users frees up time for IT administrators to focus on other high priority issues.

RESTORE WHEN NECESSARY

Retrospect Backup makes it easy to restore data from yesterday, last year, or ten years ago. NASA relies on Retrospect's consistent backup storage format to upgrade

to the latest feature set while leveraging years of backups.

"We have been able to restore data for several engineers over the years that would have been lost had it not been backed up. In one instance the 7 year old data from a Mac was restored to a PC and with a little conversion enabled the engineer to use it. Just as he did 7 years earlier," said Windsor.

"We have been able to restore data for several engineers over the years that would have been lost had it not been backed up."

Dale Windsor, Systems Administrator

ABOUT RETROSPECT

Protecting 100 Petabytes in over 500,000 homes and businesses in over 100 countries, Retrospect is dedicated to providing reliable backup and recovery tools for professionals and small-to- midsize businesses with Retrospect Backup and Retrospect Virtual, covering physical servers and endpoints, virtual environments, and business applications. With three decades of field-tested expertise, Retrospect meets the needs of organizations that require the highest level of recoverability. Retrospect is a proud member of the StorCentric family of brands.

www.retrospect.com