Hard Disk Manager 11 Pro
Paragon Customer Spotlight

International Space Station Prime Contractor Wyle Selects Paragon Software Group for Customized, Mission Critical, Disaster Recovery Solution

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Tom Fedro, President, Paragon Software Group

Organization: Wyle, with more than 40 years experience, is the leader in life sciences research, space medical operations and engineering for the enhancement of human performance and safety in air and space. The company has provided direct support to more than two-thirds of all humans who have traveled in space. As a supplier of trusted services and solutions, Wyle has 4,800 highly specialized and dedicated employees at 50-plus primary facilities nationwide. The company generates annual revenues of approximately $1.1 billion from its core customers, the Department of Defense, NASA, and the nation's leading aerospace contractors. For more information please visit the company website at www.wyle.com.

Industry: Government/Aerospace

Employees: 4,800

Revenue: $1.1 billion

Key Challenges: Develop a custom backup and recovery solution with minimal user interaction by the astronauts.

Solution: HDM 11

Business Benefits: Custom script provides automated restore process via a USB-bootable flash drive with the click of a button.

Paragon Software Group reached a new milestone in the company's 17-year history as it delivered its products into space on the final flight of America's Space Shuttle Atlantis. Selected by NASA's Prime Bioastronautics contractor, Wyle, Paragon's backup and disaster recovery software, Hard Disk Manager (HDM) 11 Professional now orbits the earth on the International Space Station. HDM 11 serves as the primary backup and recovery software for the latest generation Ultrasound system also launched on Atlantis.

The International Space Station's primary goal is to provide a platform for scientific research. Certification of the next generation ultrasound required being able to successfully restore the new ultrasound system to its launch configuration. Lockheed Martin, one of the subcontractors operating with Wyle, needed a recovery solution that could meet its stringent specifications. As is often the case with space-related operations, a customized software solution was needed.

"At Paragon, we provide our clients with superior customer service regardless of where they are, now that extends to outer space," said Tom Fedro, president of Paragon Software Group. "It was important to Wyle and Lockheed Martin to ensure that the astronauts operating on the Space Station could quickly and easily restore their systems back to an operable state — with the customized version of Hard Disk Manager, they can recover in a matter of minutes without any additional tools." Paragon developed a custom-restore script that automated the system restore process via a USB-bootable flash drive with the click of a button.

Bioastronautics personnel evaluated several backup and recovery tools. Of the tools available, Paragon's HDM 11 came closest to meeting the project's needs. The Paragon team stepped in to close the gap, providing a customized solution which minimized user interaction.

HDM 11 Server provides a complete data backup and disaster recovery solution. A virtual add-on component is available for virtual environments. Both versions offer the ability to perform bare-metal restores, file-level recovery, include advanced data wiping algorithms, and automatic partition alignment. Additionally, HDM 11 Server enables system backup or migration of an active server via live snapshots.

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