



Strengthening Disaster Recovery with Rocket® D3® Hot Backup



All Electronics Corporation specializes in surplus electronic and electro-mechanical parts and assemblies. For over 56 years the company catalogued a huge stock of pre-owned and new electronic parts from around the world. The company offered an ever-changing selection of products by phone, mail order, online, and in its retail store in Van Nuys, California.

Challenge

For many businesses, disaster recovery planning is based on hypothetical worst-case scenarios. However, for All Electronics, the scenario was all too real. At one point, the company's building was struck by lightning, destroying its D3 server. As a result, All Electronics decided to attempt data recovery from the server's disk drive rather than restore it from the previous night's backup tape. Due to this decision, all staff were required to recreate everything they did that day, including credit card transactions and other activities.

The data recovery proved successful but ended up being very expensive and time-consuming. Company vice president, Woolf Kante, noted that "we lost our system on a Thursday but weren't live again until the weekend."

To guard against failure and disruption of mission-critical business applications and inventory data, All Electronics decided it needed to begin replacing its servers and installing backup recovery software on the company's main system. The company looked for a disaster recovery solution for its D3 Windows system, but most solutions would require that they stop D3 services to perform a mirror image of the system. This was not practical, as any gaps in business day processing would be unacceptable. The only option was to do nightly system backups, with the company leadership knowing full well that in the case of a catastrophic failure they could lose up to a full day's work.

The Challenge

Following a costly recovery effort, All Electronics needed to implement a better system for protecting its most critical data.



Data recovery costs alone resulting from our servers crashing were 80-90% of the price of Rocket D3 Hot Backup. When you factor in the cost of emergency night and weekend consulting, the system has already paid for itself."

WOOLF KANTER

Vice President, All Electronics Corporation

Solution

All Electronics had worked with Rocket Software for decades. In the wake of its data recovery efforts, the company chose to beta test the latest major release of Rocket D3 Windows, which included the option of adding the Hot Backup functionality. This addition proved to be the key to addressing All Electronics' backup issues. The company has several third-party software programs upon which its business depends, the most important being its D3-based credit card processing program. This program was a major priority for All Electronics, making it vitally important that the system would work with the D3 Windows implementation.

Results

Rocket D3 Hot Backup provided All Electronics with complete replication of selected transactions on the secondary D3 server. Files and information were transferred between the two servers continuously, providing instant copying of all work performed throughout the day. The transition to Rocket D3 Hot Backup was flawless, running All Electronics' application and the credit card program without any issues.

Rocket D3 Hot Backup quickly became an integral part of the organization's IT strategy to reduce downtime. It also made a major difference in enabling the company to maintain business as usual in the event of the unexpected. Rocket D3 Hot Backup helped All Electronics to solve the problem of disaster recovery and system failure. If for some reason the main D3 Windows server were to go down, the company could immediately continue business operations, switching over to the secondary server.

Impact



Robust Data Backup:

The company leveraged Rocket D3 Hot Backup to establish a secondary, backup server for replication of files and other critical processes.



Safeguard Critical Applications:

Rocket Software helped All Electronics safeguard mission-critical business applications, including credit card transaction data.



Immediate ROI:

With Rocket D3 Hot Backup, the company realized an immediate ROI, implementing a backup system that helped reduce costs and improve recovery capabilities.

The Solution

All Electronics chose to partner with Rocket Software to strengthen its data recovery capabilities, leveraging Rocket D3 Hot Backup.

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