rubrik

AERTEC Solutions Builds Business Continuity and Disaster Recovery Strategy with Rubrik

aertec SOLUTIONS

INDUSTRY
Aviation & Aerospace

RESULTS
- Instant recovery (RTO = minutes vs 4 hours)
- 12x improvement in backup performance
- 75% in time savings from data management simplicity

THE CHALLENGE
- Unreliable and failed backups
- Lengthy and difficult file-level recovery process
- Complex management constraining time and resources

THE SOLUTION
- Policy-based management for backup and disaster recovery
- Global predictive search for file-level recovery
- Application test and development

AERTEC Solutions, headquartered in Málaga, Spain, is an international engineering and consulting company specialized in aeronautics. The company designs aerial products for both commercial and military use with projects covering more than 100 airports across 39 countries. Founded in 1997, AERTEC Solutions has a workforce of more than 500 professional aeronautics experts distributed throughout its offices in Spain, United Kingdom, Portugal, Colombia, and United States.

Jesús Viciana, Information Technology Director at AERTEC Solutions, is responsible for managing the overall infrastructure and defining IT strategies for the company. "We needed a solution that maximized the value of our business and ensured recoverability in case of a failure. Rubrik allows us to build a strong business continuity plan for disaster recovery and to easily integrate with public cloud, aligning our IT strategy with the business and freeing up our time for innovation," said Viciana.

COMPLEX BACKUP AND RECOVERY WITH THE LEGACY APPROACH
As AERTEC Solutions transition to a fully virtualized environment, the team evolved their data management strategy to be better positioned for the modern data center. "We were looking to break away from legacy infrastructure. Our previous backup software was very complex and difficult to manage. Our backups were failing and performed poorly. Additionally, we had to run all our operations on extremely slow servers. It was impossible to work with," said Viciana. "Last year, we ran into a massive problem when we upgraded to VMware vSphere 6.0. There was a bug in the databases, and when we tried to recover from our backups, the data became corrupt. From a business point of view, it was unacceptable. We started looking for another solution in the market that was more reliable for disaster recovery."

DEPLOYING RUBRIK FOR USE CASES BEYOND BACKUP
After evaluating Rubrik, Viciana quickly realized that Rubrik delivered higher performance while allowing them to spend more time on use cases beyond backup, including disaster recovery, search, and test/dev. Benefits include:

- **Radically simple to deploy and manage:** "Rubrik is a very powerful tool. Easy to deploy and easy to use. The UI is built for any user and doesn't require training."

- **12x improvement in backup performance:** "Before Rubrik, a full backup started Friday night, and if we were lucky, stopped Monday morning. Often, the snapshots were unaccessible and offline. With Rubrik, we have reduced our

backup window from days to hours. Most importantly, it doesn't impact the performance of our production environment."

- Granular recovery with reduced RTO from hours to minutes: "With our previous solution, file-recovery was very complicated. It took ages to recover one item. Every time, it took at least 4 hours to perform the entire operation. Now, we can recover in just minutes."

- Global search for file-level restore: "Our favorite feature with Rubrik is the Google-like search. You can easily find items and perform a file-level restore in seconds. One of the most impressive features of Rubrik!"

- Rapid application test and development: "Often, we need to test releases. In our previous environment, it would take hours to complete. Now, we can provision our backup replicas to test a release in just minutes."

- Significant time savings with policy-based management: "In terms of day-to-day operations, we invest significantly less time managing our environment. Rubrik has shifted the productivity curve of our engineers. Operations that used to take hours or days can be automated in minutes."

- Easy public cloud integration for future development: "In the near future, we plan to move towards public cloud. One of the reasons we chose Rubrik is because of its simple integration with cloud, allowing us to build a stronger strategy for disaster recovery and business continuity."

"Rubrik's architecture is future-proof and built for innovation. We can continue building a stronger policy for data protection with Rubrik that helps drive our business forward," said Viciana.

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– Jesús Viciana, Information Technology Director at AERTEC Solutions

Rubrik provides the industry's leading Cloud Data Management platform to accelerate how enterprises recover, manage, and secure data everywhere. Fortune 500 companies trust Rubrik's single platform to deliver data protection, search, analytics, compliance, and copy data management to hybrid cloud enterprises.