

BMD Group Gains Cloud Mobility and Near-Zero RTOs For MS SQL Server with Rubrik



INDUSTRY:

Construction

RESULTS:

- 90%+ management time savings
- Near-zero RTOs for MS SQL Server with Live Mount (hours to seconds)
- Seamless archival to Microsoft Azure

THE CHALLENGE:

- Lack of a unified data-protection strategy
- Labor-intensive legacy solutions
- Unable to archive to the cloud with legacy solutions
- Unreliable tape-based restore process

BUSINESS TRANSFORMATION:

With Rubrik, BMD has a single, comprehensive, reliable solution for business-critical data protection, improving search and restore capabilities and vastly reducing demands on the IT staff.

Headquartered in Brisbane, Australia, BMD is a national group of companies engaged in engineering design, construction, and land development for clients and partners in urban development, transport infrastructure, and resources and energy sectors. Since establishment in 1979, the privately-owned contractor has grown to 1,700 employees throughout Australia, delivering projects ranging in size from \$1 million to \$1 billion.

While the most visible evidence of its work is in civil construction, data is an equally important part of BMD's business. At any given time, over 100 job sites are connected to job-tracking systems, and once a job has been completed, all the files associated with it are archived. "It's a significant amount of data to manage, and we needed a reliable solution to help us support that. That's where Rubrik came in," said James Cuneo, BMD Technical Systems Engineer.

MANAGEMENT COMPLEXITY ACCELERATES NEED FOR SIMPLICITY AND CLOUD

Two of the most important factors in favor of Rubrik were BMD's requirements for simplicity and a hybrid-cloud solution. Part of the push for simplicity was a long-term effort to adopt a hybrid-cloud strategy that moved existing on-premise operations to a single data center, while leveraging public cloud services from Azure. "We're trying to use the cloud as much as possible, but still keep some areas on-prem for cost purposes," Mr. Cuneo said. "A key benefit of having Rubrik is the ability to backup and archive data either on-premise or in the cloud with just one or two clicks. This has made the incremental transition to the cloud as easy as possible for BMD."

Adopting Rubrik has allowed the team to drastically change how they manage their data. With a simplified approach, the team is able to shift its focus from solely managing backups to dedicating more time towards strategic projects. "Knowing that you have a backup solution that can be relied upon to restore files when you need to, is the biggest highlight that has come out of our move to Rubrik."

QUICK RECOVERIES AND FULL CONTROL WITH OFFICE 365 PROTECTION

As a natural extension to their Rubrik journey, Mr. Cuneo and the IT team adopted Microsoft Office 365 protection with Rubrik's Polaris SaaS platform. "Files from a construction project are sometimes needed many years after the job has been completed. In these instances, the discovery process can entail searching for names or topics among thousands of pages."

One of the main reasons we wanted Office 365 backup was to be able to back up our mailboxes, but also to have access to the search functionalities,” Mr. Cuneo said. “We previously had to spend a couple of hours to retrieve any specific PST files, but that time has been cut down significantly with Rubrik. Being able to go in, search for anything, and get search results back quickly has been an incredible improvement for us.”

RUBRIK LIVE MOUNT FOR MS SQL SERVER DELIVERS WITH PRECISION

An unplanned use of Rubrik occurred in the software development department when the team had to precisely identify the time a certain action occurred. By using Rubrik, the team were able to Live Mount a dozen copies of their database and use them to pinpoint the exact moment when the action in question occurred. “Live Mounting SQL databases takes just seconds to minutes, and the developer himself did the work, because Rubrik is so easy to use,” Mr. Cuneo said.

BMD is utilizing Rubrik to protect its 100% virtualized environment, including SQL and mission-critical applications like SharePoint. Additional benefits include:

- **90%+ management time savings:** “With a proper data management strategy in place, we have been able to dedicate more time to valuable, strategic IT projects.”
- **Instant disaster recovery:** “If we ever lost our primary data center, we have all our data and the basic shared-services

infrastructure ready and waiting in the cloud and are able to restore VMs in an instant.”

- **Anomaly detection with Radar:** “Even though we haven’t had a ransomware event, we have seen examples where we know Rubrik is protecting us against unauthorized changes. We had an instance where Radar effectively alerted us of a regular business activity that was set to delete files weekly as an anomaly. Once Radar learned that this was a normal activity for our invoice system, the software quickly adapted and stopped alerting us of this particular activity.”
- **World-class support:** “It’s a great benefit that Rubrik support can tunnel right into our system and do software updates themselves. It saves us a lot of time.”
- **Rack-and-go:** “The benefits of Rubrik’s simplicity were evident from the very beginning. We were backing up VMs within two hours of unboxing the Rubrik appliance. We especially appreciate the simple process when we install edge appliances in remote offices.”
- **Rubrik Edge for remote offices:** “We have edge appliances in seven offices, which backup data directly to Azure, bypassing the need to move data through the main data center.”
- **Streamlined protection with MS SQL Server Live Mount:** “With Rubrik, we can go to any point in time for any SQL database, download it from the cloud, and restore it all with a couple of clicks.”



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