Trusted data protection for VMware

Proven and modern data protection for VMware achieves faster backups and restores and helps a leading bank protect innovative client services.

TDB
TRADE & DEVELOPMENT BANK

Banking | Mongolia

Business needs

Trade and Development Bank of Mongolia needed to modernize their data protection with a solution that integrated with vCenter and offered superior performance and deduplication. Reliability and confidence in restores were key, as the bank bases its reputation on its clients' trust.

Solutions at a glance

- PowerProtect DP series appliances
- Data Protection Suite
- VMware

Business results

- Reduced nightly backup window from 8 hours to 1 hour

- Reduced full database backups from 10 hours to as little as 1 hour

- Reduced average recovery time from 10+ hours to 1-5 hours

- 13.8x global deduplication ratio
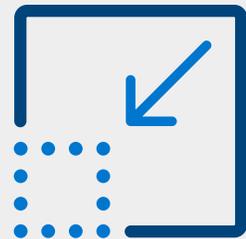
- 5x backup storage space savings

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5x

backup storage space savings

Trade and Development Bank (TDB) is a leading banking and financial services provider in Mongolia. The oldest bank in Mongolia, they are a universal banking service provider, offering over 130 types of banking products and user-friendly banking services. TDB acts as a primary lender to most of Mongolia's leading corporations as well as foreign corporations and representative offices across all major industrial and commercial sectors. They pride themselves on their ability to continually innovate for their customers and deliver excellent quality.

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> Head of IT Department,
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TDB's stated mission is to exceed their customers' expectations through the use of advanced technology. So, when they needed a centralized backup solution with excellent deduplication functionality, they chose Dell EMC PowerProtect DP series appliances and Data Protection Suite software.

A Business Based on Trust

"As a bank, our business is solely based on our clients' trust," says I. Orkhonkhuu, Head of IT Department at TDB. "We consider data protection as one the key elements of our success. Right now, everything is changing from brick-and-mortar to digital ways of doing business. We need to provide what our clients want – or even what they need, but don't know it yet. But we should never lose our focus on our main goals of reliability and security.

Given their emphasis on trust, it is not surprising that TDB chose a trusted vendor to protect their data. "Our number-one choice was Dell Technologies," says Orkhonkhuu. "We believe Dell EMC data protection is the best in the market."

Key Features

TDB now protects 50+ VMs on-premises with their DP series appliances and uses Data Protection Central rather than the VMware UI to manage their VMware environment. "The benefit of using the single management console for our data protection environment is that we can monitor every assessment and status, and easily get reports," Orkhonkhuu notes. "The integration with vCenter, along with performance and deduplication, were the key features that sold us on our Dell EMC solution."

"Data Protection Suite is the best VMware backup and restore solution, especially for file system backup. We can restore the full system or specific files from backup. And Data Protection Suite VM backup has no impact on our production VMs."

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DELLTechnologies

Fast and Reliable

"The main difference between TDB and our competitors," says Orkhonkhuu, "is that we cater to large and multinational corporations as well as wealthy individuals. We understand that reliability and fast response time are essential for our clients. Therefore, we focus on providing services that are not only high quality and safe, but swift. This is the case both in our branches and on our digital banking platforms."

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From the start, their Dell EMC data protection solution has met TDB's standards for performance. "Production zone deployment only takes 3-4 hours," says Orkhonkhuu. "We've reduced our nightly backup window from 8 hours to 1 hour. Using DD Boost, we've reduced average full backup of a database from 10 hours to as little as 1 hour. Before we used DD Boost, our average recovery took around 10 hours. Now it takes between 1 and 5 hours. And I'm much more confident in our ability to recover data now that we have our DP series."

The DP series provides a 13.8x deduplication ratio, and storage space required for backups has been reduced 5x.

Innovation, Transformation

"In the current era, clients' behavior is changing rapidly," says Orkhonkhuu. "We strive to provide the highest quality services, and to meet our clients' demands we have to innovate utilizing technology. At TDB, we believe that transformation is a continuous and never-ending process. When we stop transforming, we stop competing.

"In 2019, Global Finance magazine recognized us as the Safest Bank in Mongolia. Keeping our data safe with a proven and modern data protection solution from Dell helps us continue to innovate and earn our clients' trust."

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