The fast-track to digital-first banking

KASIKORN Business – Technology Group accelerates development of cloud-native services with a hybrid cloud on Dell Technologies.

Business needs

KASIKORN Business – Technology Group looked to speed up the development of digital banking services for Kasikorn Bank by moving to a software-defined approach to building cloud-native services. It needed a solution that enabled flexible management of IT resources across multiple clouds while keeping data safely stored.

Business results

- Delivers at least 200 digital transformation projects a year.
- Launches services easily across multiple clouds.
- Eliminates downtime across data centers.
- Lowers the total cost of ownership for IT by 25%.
- Frees up 50% of its IT resource to focus on development.
- Reduces energy usage by 10%.

Solutions at a glance

- Dell EMC VxRail with VMware Cloud Foundation
- Dell EMC PowerScale
- Dell EMC ECS
- Dell EMC Deployment Services

Customer profile

“"We can accelerate our work towards anywhere, anytime banking and operating in a sustainable way.”

Tawan Jithavech
Chief Technology Officer,
KASIKORN Business – Technology Group
Banking services today are expected to be effortless, with a full range of operations available online or via apps. Given the need for flexibility, banks are increasingly looking to develop cloud-native applications to support their digital channels.

Kasikorn Bank is leading the way in digital banking services in Thailand through its work with KASIKORN Business – Technology Group (KBTG). The group built the bank’s artificial intelligence-enabled K PLUS app, used by approximately 16 million customers to access services.

To support the bank’s digital transformation strategy, KBTG wanted to boost automation and shift to a software-defined approach for development of cloud-native services. It looked to build a flexible hybrid cloud platform that would easily integrate with multiple public clouds while offering consistent security and management policies.

Driving cloud native adoption

After deploying the platform, KBTG migrated its cloud-native application for the bank’s mobile app to VxRail running in a Kubernetes container. “The beauty of VxRail is we can run traditional VMs and Kubernetes to support our cloud strategy,” comments Jithavech. “We also plan to add VMware Tanzu to help run and manage Kubernetes containers in the coming months.”

Securing data across multiple clouds

In addition, KBTG can store and protect data across clouds using Dell EMC PowerScale and ECS. “PowerScale is a highly versatile storage platform and our ECS storage archive is as cost effective as anything available on the public cloud,” says Jithavech.

Besides this, the ease of management through PowerScale OneFS removes any complexity with cloud integrations. Adds Jithavech, “Our data is protected with PowerScale thanks to the built-in redundancy and replication, which gives us confidence that our data is secure and allows us to focus on future innovations with ease.”

Launches services on multiple clouds

Working with Dell EMC Deployment Services, KBTG implemented a platform for hybrid and multiple clouds based on VMware Cloud Foundation on Dell EMC VxRail. “We could now launch services on whatever cloud platform we wanted to,” says Tawan Jithavech, chief technology officer at KASIKORN Business - Technology Group.

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Tawan Jithavech
Chief Technology Officer, KASIKORN Business – Technology Group
Delivers 200 innovation projects per annum

With the Dell Technologies solution in place, KBTG will deliver at least 200 digital transformation projects a year. “We’ve eliminated any downtime across our data centers and have the flexibility to keep pace with the demands of the business,” comments Jithavech. The pace of development will also help Kasikorn Bank meet the growing demand for mobile services — where half of its business is expected to come from. “I have no doubt that Dell Technologies and VMware are helping us speed up our digital transformation journey,” says Jithavech.

Reduces TCO by 25% with hyperconvergence

KBTG has cut the cost of its IT because of the Dell Technologies solution, lowering the total cost of ownership (TCO) by 25%. Furthermore, it’s ensuring that IT aligns with the organization’s corporate social responsibility goals by reducing energy usage by 10%.

For Jithavech, the engagement with Dell Technologies is helping secure the bank’s future. KBTG has freed up 50% of its IT resource to focus on development and delivering value back to the business. “We can accelerate our work towards anywhere, anytime banking and operate in a sustainable way,” concludes Jithavech.

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Chief Technology Officer,
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