BANK BPD BALI

Regional Development Bank of Bali (Bank BPD Bali) aims to create digital ecosystem for SMEs and tourism sector

Bank BPD Bali adopts Nutanix Cloud Platform to achieve business agility, with up to 70% IT efficiency and opens horizon to adopt leading-edge technologies

INDUSTRY
Financial Services

BENEFITS

- Established foundation to create digital ecosystem, especially for SMEs and tourism sector

- Replication of datacenter to disaster-recovery center in just 4hrs

- Downtime for business-critical services is no longer an issue

- Strengthen business resiliency, achieving KPI for 15mins RPO and 99.9% uptime

- Up to 70% improvement in IT efficiency as man-hours for infra management is reduced

- Datacenter footprint reduction by 70%

- Operating cost-savings of up to 80% with reduced utilities in power and cooling

- Improved operational resilience

- Faster time to market with digital services

Indonesia had already set its sights on becoming Asia's largest digital economy, with its SMEs at the helm and make up 99 percent of existing businesses and generate more than 60 percent of the national GDP. The Regional Development Bank (BPD) has a strategic role, especially for economic recovery in the regions. Bank BPD Bali relies on IT infrastructure to capture more than 70% of their SMEs target market customers in Bali and West Nusa Tenggara region.

"Our digitalisation approach with Nutanix was one of the most critical aspects of our business, especially as we sought to scale for growth and support the development of Bali's digital economy ecosystem. With Nutanix, we have successfully achieved our KPI for 99.9% uptime, which is critical for us to deliver quality services that our customers know and trust us for. At the same time, our IT efficiency improved by 70%, allowing us to focus on strategic innovation that supports the evolving needs of our customers, especially in the SME sector."

"Identifying partners in transformation, with the right technological expertise and understanding of our strategic priorities, has been critical to our growth and development. We found these partners in Nutanix and Multipolar Technology, who have worked collaboratively with us to achieve this success. Without them, we would not have achieved the great outcomes we did,"

– Ida Bagus Gede Setia Yasa (Gusde), S.Kom., M.M., Operational Director, Bank BPD Bali.

NUTANIX.

SOLUTION

- AOS Storage, AHV hypervisor

- Prism management

Applications
- Mobile banking

- Internet banking

- E-Money

- Switching

- Other critical and important transactional services

It aims to create a digital economy ecosystem for the SMEs and the tourism sector in Bali, and rightly even more so, after the pandemic era. With asset size of Rp28.9 trillion, Bank BPD Bali sees digital transformation as an absolute necessity. The bank is working with Nutanix to accelerate their competitiveness by modernizing its processes and ecosystems to onboard future technologies like hybrid cloud, strengthen its business resiliency and operational efficiency.

CHALLENGES

The financial services industry is being reshaped by new digital services, regulatory changes and increased demands from consumers. Improving a business's time to market is critical in an increasingly competitive financial field. The sector also needs to reduce operational risk and improve security hygiene as it scales and transforms. With a three-person IT team, Bank BPD Bali was facing intensive hours maintaining its legacy infrastructure and needed to respond faster to consumer wishes.

"For major financial institutions, risk and control management is vital. Previously, our bank was operating on legacy infrastructure, which was complex and difficult to manage. Our system was also fragmented — we needed a centralised platform that would offer us the agility to roll-out products and services quickly, and scale with our growth, at a significantly lower cost," Yasa stated.

SOLUTION

Bank BPD Bali turned to Nutanix to lead the bank into a new digital era. Nutanix was chosen as the platform of choice for their datacenter modernisation and to host their business-critical applications. Migrating a total of 72 servers to Nutanix Cloud Platform was a seamless experience.

"We had previously engaged with several vendors before deciding on a partnership with Nutanix, as this platform is easy to manage, fully automated, and provides full-stack analytics and insights for our needs. As the bank expands our operations, we need the agility and scalability of IT infrastructure that can support our evolving needs, and Nutanix' products offer this," Yasa stated.

"To meet the demands of a rapidly changing sector, banks need to align their business strategies with customer expectations and new digital trends. We are truly proud to be part of Bank BPD Bali's digital transformation acceleration. As we work towards builder a stronger future together, Multipolar Technology will continue to look to Bank BPD Bali as our partner in creating long-term, sustainable value. Together with Nutanix, we are ready to unlock new value and support the bank's growth and innovation," said Herryyanto, Director of Account Management FSI & Commercial, Multipolar Technology.

CUSTOMER OUTCOMES

A platform for the future

"With the Nutanix Cloud Platform, we were able to complete the datacenter to disaster-recovery center replication over within 4 hours, on budget and downtime is no longer an issue. The performance is amazing thus far, and we see great potential in working with Nutanix to accelerate our digital innovation and hybrid multicloud adoption. It gives us a great foundation to support innovative technologies, simplify backup and disaster recovery, and allows us to focus our resources on strategic plans that will shift the needle for our organisation and our customers."

15min RPO and 99.9% uptime becomes a reality with the right infrastructure

After implementing Nutanix, it is now possible for the software to complete the execution cycle with an RPO for 15 minutes and maintain 99.9% uptime for their services.

"As a bank, it is critical that our systems run 24x7," said Yasa. "The health and high performance of our database is pivotal to ensuring that we comply with government regulations and provide seamless customer service. That's what Nutanix is allowing us to do, with great ease of implementation and integration of our systems. We are also targeting an acceleration of our business transactions per second (TPS), to hit 500 TPS. Right now, we are already seeing improvements in our systems, and we are confident of meeting that goal very soon."

Faster, fewer and better with cost-savings of up to 80%

"Despite limited IT resources, we now enjoy much more flexibility and can resource our team more strategically to focus on value creation for the business, instead of daily maintenance. In the past, we had to upgrade VMs manually, one at a time. Thanks to Nutanix Prism Pro, we can easily manage our system from one central console, and our team's productivity has also increased by 70%" said Yasa.

"Today, we do not have to wait several days for us to complete our data replication. With just a few clicks of the mouse, we're able to roll out new VMs, allocate additional resources where needed and keep a close eye on how our systems are performing, tweaking them if need be. If there are ever any issues with the database, we can quickly pinpoint the problem with Nutanix Prism offering insights on a single console," Yasa noted.

Yasa reported operating cost-savings of up to 80% as datacenter footprint size is cut down by 70% and utilities bill for power and cooling drop substantially.

Obtaining stellar tech support

"Our Bank BPD Bali team were able to work very closely and collaboratively with Nutanix and Multipolar Technology. The dedication and service from both teams has been exceptional, and they have been quick to provide all the support we need," emphasised Yasa.

NEXT STEPS

Yasa said, "Partnering with Nutanix has been a real game-changer for Bank BPD Bali. With our broader ambitions to enhance our digital banking services and bolster Bali's growing digital ecosystem, we are already considering the adoption of hybrid multicloud, as well as new solutions such as Nutanix Kubernetes Engine (formerly Nutanix Karbon) — a Kubernetes solution that will construct end-to-end infrastructure with solid governance."

"I am hopeful that we can continue to collaborate with Nutanix and Multipolar Technology, and that together we will drive innovation that enables greater access and participation in Indonesia's digital economy," concluded Yasa.

PARTNER

Since its establishment in 1975, Multipolar Technology continues to strengthen its position as a leading system integrator in Indonesia and a trusted partner in the planning, design, and development of innovative digital technology and business transformation. Their reputation has been proven through partnerships with world-class technology companies, as well as with customers from leading companies in the finance, government, healthcare, education, oil and gas, retail and manufacturing industries.

NUTANIX.™
YOUR ENTERPRISE CLOUD

T. 855.NUTANIX (855.688.2649) | F. 408.916.4039
info@nutanix.com | www.nutanix.com | @nutanix