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Paving the way to a hybrid cloud future

Following a successful application modernization and data cleansing program, Trinidad and Tobago Unit Trust Corporation (TTUTC) engaged Fujitsu to transition its core financial services to a hybrid and multi-cloud environment. Built on Fujitsu's Private Hosted Cloud and located in Fujitsu's Tier III Data Center in Trinidad and Oracle Exadata Cloud@Customer platform, a public Oracle Cloud Infrastructure (OCI) platform for disaster recovery.

About the customer

The Trinidad and Tobago Unit Trust Corporation (TTUTC) was established in 1981 to serve two purposes: mobilize domestic savings and channel them into desirable investments, and provide persons of modest means with a facility to invest and own shares. As of December 2019, 41% or over 617,000 of the islands' population of 1.3 million are unitholders – with more than TT$22 billion (US$ 3.4 billion) in funds under management.

| | Industry: **Financial services** | | Location: **Trinidad and Tobago** | | People: **500+** | | Web: **ttutc.com** |

Challenge

TTUTC wanted to move away from costly, high-maintenance, and inflexible on-premise data centers and decided to migrate key financial applications to a hybrid and multi-cloud environment.

Solution

- Hybrid and multi-cloud solution built on Fujitsu's Private Hosted Cloud
- Located in Fujitsu's Tier III Data Center in Trinidad; Oracle Exadata Cloud@Customer platform; and OCI for disaster recovery

Outcomes

- High-performance, high-availability, boosts productivity
- Off-island disaster recovery ensures business continuity
- Scalable platform supports future applications and services

Modernizing core banking systems

In 2015, TTUTC embarked on a journey of digital transformation, engaging Fujitsu to lead an application modernization and data cleansing initiative. This successfully enabled the bank to upgrade its legacy financial systems and provide accurate, deduplicated records. That, in turn, provided the perfect foundation for the next step: migrating to a hybrid and multi-cloud architecture.

This ambitious project would enable the bank to move away from costly on-premise data centers with significant management overheads, to a more flexible, secure, and responsive environment.

"Other financial institutions were ahead of us when it came to integrating technology, while our 35-year-old legacy system was dead and could no longer support growth or data management requirements," explains Karrian Hepburn Malcolm, VP Sales and Service at TTUTC. "We needed a tech refresh to stay competitive and a hybrid and multi-cloud approach to better serve the business and our customers."

Transitioning to a flexible hybrid and multi-cloud environment

Fujitsu won this project by proposing a solution built on Fujitsu's Private Hosted Cloud, located in Fujitsu's Tier III Data Center in Trinidad; Oracle Exadata Cloud@Customer platform; and OCI for disaster recovery. This comprehensively supports TTUTC's new financial application requirements, while providing a digital platform to facilitate future applications.

The new landscape also provides TTUTC with a foundational digital platform for innovation – utilizing an 'As-a-Service' consumption model, which allows TTUTC to 'Pay as you Go and Grow'. This is an important step in the implementation of a wider strategy for digital transformation across TTUTC's business. Now, the bank can deploy innovative applications and services to improve customer experiences, drive organizational efficiency, productivity, and gain insights from a data driven business.

"Fujitsu completed the cloud implementation on-budget and ahead of time because the team understands our business and has years of experience dealing with us," adds Malcolm. "We now have a more efficient, versatile platform with minimal onsite real estate, fully integrated across investment/wealth management, back-office portfolio management, and other areas."

"Fujitsu brings best-in-class expertise, international experience, and thought leadership, while remaining a very human-centric business."

Karrian Hepburn Malcolm, VP Sales and Service, Trinidad and Tobago Unit Trust Corporation (TTUTC)

US$ 3.4 bn

funds under TTUTC management

Performance, scalability, availability

TTUTC now enjoys a high performance, high availability platform, engineered for production, testing, and disaster recovery workloads, hosted in Trinidad's most secure Tier III data center. It is agile and scales seamlessly to support future services, with entirely predictable and affordable monthly costs. It is proactively supported by Fujitsu ISO 27001 certified cloud operations center and managed services.

At the same time, production data remains within the relevant borders, enabling compliance, while the hybrid approach means there is no potentially costly single point of failure, ensuring business continuity. Thus, TTUTC gets all the benefits of a robust, enterprise class cloud platform, delivered through a fully managed local engagement, based on business assurance, continuity, and value outcomes.

"Fujitsu brings best-in-class expertise, international experience, and thought leadership, while remaining a very human-centric business," concludes Malcolm. "When we struggled to fill a critical project management role, Fujitsu stepped in with one of its own specialists, who has become an amazing asset. That shows how much Fujitsu is committed to our success."

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