

# Brunei Financial Institution Powers Data Center with Vertiv Solution



A Vertiv Case Study



## Background

The Sultanate of Brunei embarked on a journey of digitizing the nation through the widespread use of ICT across industries. In its [Digital Economy Masterplan 2025](#), Brunei would be embracing technologies such as 5G, artificial intelligence (AI), and the Internet of Things (IoT). The Sultanate of Brunei embarked on a journey of digitizing the nation through widespread use of ICT across industries.

In response to increased demand for online services due to the pandemic, a leading financial institution sought to modernize its infrastructure by building a new data center. It required a robust, intelligent, and highly efficient UPS solution to support its digital operations. Vertiv provided a highly adaptive, power management solution to address their requirements – the first in the ASEAN region



**Challenge:** A robust power protection solution with added intelligence for ease of management

**Solution:** : Vertiv™ Liebert® APT adaptive power solution

### Results:

- Fully integrated power solution with built-in monitoring
- Converged design means less deployment time and minimal complexities in installation
- Modular power distribution technology offers complete end-to-end protection to critical loads

*Go online to learn more about the Vertiv™ Liebert® APT adaptive power solution.*

## Challenge

The customer is looking to build a highly robust data center that complies with Uptime Tier 3 standards. The company was looking for a UPS solution that could provide the availability and efficiency it needed for its critical IT operations.

The customer was looking for a solution that would allow them to manage their power infrastructure remotely, as their new data center was in a new building. After evaluating several options, the customer opted for the Vertiv™ Liebert® APT adaptive power solution.

## Solution

The Vertiv™ Liebert® APT is a converged power system that integrates the Input/Output Switchgear, UPS, and a monitoring system into a single, simplified solution. It is an all-in-one system that offers power protection, monitoring, and redundancy in one flexible package.

The Vertiv™ Liebert® APT simplifies the whole electrical design of the data center by eliminating redundant switches and breakers and integrating them into one power infrastructure. This drastically reduces the footprint, as opposed to deploying standalone UPSs, switchgear, and monitoring across the data center location.

The Vertiv™ Liebert® APT system uses the Vertiv™ Liebert® APM UPS as its power source, providing maximum availability through FlexPower™ technology. This technology uses distributed intelligence and scalable power to provide a reliable power source for the system.

As a fully-integrated power system, a unique feature of the Vertiv™ Liebert® APT is the Power Train Manager or PTM. The PTM is a power management center that monitors and manages the power

supply for the data center. This power system is easy to use and has a modern diagnostic system that makes it more reliable. The Vertiv™ Liebert® APT's PTM has intelligence added to it that helps prevent failures and reduces operational costs significantly by better diagnosing faults.

Another consideration for the customer was the limited floor space it had in its new data center. The Vertiv™ Liebert® APT proved to be of greater advantage over other solutions because of its fully integrated design. The solution was installed and tested at the factory, then delivered to the site, resulting in shorter installation and deployment time and saving up to 30% of floor space.

## Results

Installing and setting up the Vertiv Liebert APT was quick and seamless, and it took the customer just months to enjoy the benefits of this integrated power solution. All in all, the customer enjoyed the following benefits:

- Reliable, efficient, and highly available power protection solution thanks to the built-in Liebert® UP
- Added intelligence with the Power Train Manager with top-notch diagnostic system
- Reduction in Capex with less deployment time and minimal disruptions to operations

*Free White Paper: Benefits of Adaptive Power Solution in High Density Data Center Applications. [Click here.](#)*



**Vertiv™ Liebert® APT**

**To learn more about the Vertiv™ Liebert® APT, visit [Vertiv.com](https://www.vertiv.com)**

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