Case Study ON

Globally Acclaimed Fintech Organization

About

A globally acclaimed FinTech organization that provides application software products and IT solutions specialized in the areas of middleware technologies, transaction processing, card payments, banking solutions, and customer delivery channels (e.g., ATMs, kiosks, point-of-sale terminals, the internet, and mobile banking).

The Challenges
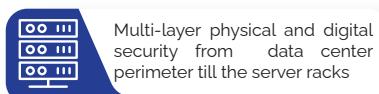
As a service provider for some of the world's largest financial institutions and corporations, such as Mastercard and Visa, our client handles extremely sensitive and vital customer and financial data.

The client was considering relocating a portion of its critical IT infrastructure from an international location to India as part of their strategic plan. The new configuration required that their high-density server racks be co-located in a world-class data center with dependable power, dedicated bandwidth from multiple ISPs, and stringent security.

When determining the ideal data center service provider in India, security on both the physical and digital levels was one of their top priorities. The demand for the data center to match global standards in terms of infrastructure robustness, compliance, and governance was non-negotiable. All said and done, the seamless migration of all these mission-critical infrastructures to India was high on their list of perceived challenges.

How Pi Led the Way
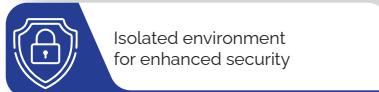
Pi offered Colocation services to the customer, with 8 levels of physical security at Pi Vijayawada, including:
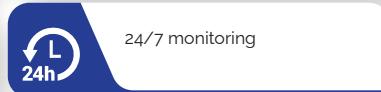
Multi-layer physical and digital security from data center perimeter till the server racks	A dedicated aisle of Server racks with fully redundant power, cooling, and network availability
Isolated environment for enhanced security	24/7 monitoring

Summary

- Migration of critical IT infrastructure from Overseas to India
- Colocation of high density server rack
- Physical and digital level security to secure the transactions
- Robust and compliant DC infrastructure of global standards

Solution Delivered

- Server racks with fully redundant power, cooling & network availability
- Multi-layer physical and digital security from data center perimeter till the server racks
- Isolated environment for enhanced security
- 24/7 monitoring of highly sensitive data

Benefits

- PCI DSS certified data center compliant with highest level of data security standards
- Improved customer delight
- Enabled to be complaint with data localization
- Zero CapEx investments

Pi, being an Uptime Institute TIER IV Certified data center, was just in line with the expectations of the customer. Fault tolerant infrastructure with 99.995% guaranteed uptime backed by uninterrupted high-quality power through dual power supplies ensures seamless operation for the mission-critical infrastructure @Pi. Hands-on support from Pi not only helped expedite the migration process but also chipped in whenever the customer's team, operating from other geographies, needed real-time support at the site. As a part of the continuous improvement drive, Pi's mechanical and electrical SMEs worked with the customer's core team in the course of operations to further optimize power consumption. This led to significant TCO optimization and customer delight.

End Result and Benefits

Colocating the servers @Pi delivered significant TCO optimization for the customer, primarily owing to the location advantage of the data center. Being colocated with an Uptime Institute Tier IV Certified data center, the customer was guaranteed 99.995% DC infrastructure uptime, while they could eliminate CapEx investments in similar infrastructure. Pi, a PCI DSS Certified data center, guarantees the highest level of data security over its network for its customers and delivers services to them across the globe, predominantly in the financial domain. Last but not least, the partnership with Pi enabled our customer to be compliant with mission-critical data localization, in line with firm directives on the horizon from the Indian central bank and the government in the near future.

www.pidatacenters.com

reachus@pidatacenters.com

/PiDATACENTERS

/company/PiDATACENTERS

@PiDATACENTERS

© Pi DATACENTERS Pvt. Ltd.