

## Swan Solutions Helps Stock Brokerage Firm Cut Cost by 1 Crore Annually

*Swan Solutions' virtualization solution helps a leading stock brokerage firm move from a physical to a virtual environment, cutting costs by Rs 1 Crore annually*

### Background

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A leading retail stock brokerage with a presence in over 1,700 locations deployed virtualization with the help of Swan Solutions, a leading provider of end-to-end information technology solutions. This implementation helps the firm rid 20 racks from their premises, which resulted in cost savings of over Rs 1 crore annually including maintenance cost, electricity bills and real estate.

The stock brokerage firm provides customers with access to equities, derivatives, currency, IPOs, mutual funds, bonds and corporate FDs. Previously, the running cost of the racks was high with the physical servers. Faced with the spiraling cost of running the servers, they decided to turn to virtualization.

The firm wanted to solve its issues without disturbing the continuity of the business and got in touch with Swan Solutions. They were the preferred vendor because of their capability to set up the whole infrastructure and run the virtual environment in 7 days.

Swan Solutions replaced its customer's physical servers by installing and configuring HP BladeSystem c7000 enclosure with 16 HP Blade

Swan Solutions also installed HP Virtual Connect, a unique networking technology to add, replace and recover server blades on the fly. It lets users access multiple VLANs through one cable. In addition, they deployed VMware's Hypervisor 5.5 update 1. Instead of running just one application, VMware can run multiple applications on one server without any issues around operating systems. Swan Solutions installed and configured VMware vCenter management server which provides a centralized platform to manage, automate and deliver a virtual infrastructure with confidence. VMotion and VMware Clusters were also added to the deployment.

vLAN environments were configured with eight cables - a steep fall from 300 cables - in redundancy mode. Besides, HP Virtual Connect lets the customer access multiple VLANs through one cable and provides remote access to servers, storage and network devices. The brokerage firm can now configure and manage and monitor all the servers virtually on a single platform.

## Business Benefits

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The implementation resulted in the following benefits:

- Annual cost saving of Rs 1 Crore on maintaining 20 racks
- Hardware infrastructure reduced from over 250 to 16 servers, rack space utilization decreased from 20 to 3 rack space.
- Single management console to manage 16 blade servers and virtual machines
- Availability of on-demand hardware resources as per the business demand

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## Contact Information

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