

Manufacturing Giant Handles Network Infrastructure with Swan Solution's Unified Management

Industry: Manufacturing

Objective: To enhance performance of end users, increase scalability, monitor enterprise network Solution, HP Switches, L3 Routes, IMC Network Management Platform, N:1 Virtualization for IRF Stack

Solution: Network management platform solution comprising of HP Intelligent Management Center (IMC) that monitors network proactively and also helps to mitigate risk.

Results

- Unified Solution to Manage Entire Network Remotely
- Business Continuity
- Redundancy in Switching
- Increased Productivity in End-User
- Threat Detection

Swan Solutions successfully implemented Unified Management Solution at a leading USD 2 billion engineering conglomerate to enable easy handling of network infrastructure and to ensure business continuity with single-point network monitoring.

With the new deployment, its management can now easily handle its network infrastructure spread across various countries and be assured of business continuity with a single-point network monitoring.

The manufacturing company wanted to upgrade its network infrastructure to meet an increasing demand for scalability, performance and reliability. The previous solution didn't allow a single-point network monitoring, and switches could not be remotely controlled. Its management required a unified management solution to handle its network infrastructure. It also desired higher network redundancy and business continuity. In order to maintain its leadership position in the industry, the manufacturing company turned to Swan Solutions for a highly scalable solution that could manage its network infrastructure across countries.

Swan Solutions provided a network management platform solution - HP Intelligent Management Center (IMC) Enterprise Software Platform – which monitors the company's network proactively and also helps to mitigate risk. It enables efficient implementation of end-to-end business management, while the software's modularity allows for integration of traditionally separate management tools.

IMC provides complete management of resources, services and users. Swan Solutions installed and configured HP 5500 EI and EL Switch Series which deliver outstanding security, multi-layer reliability and multi-service support capabilities. The solution package also includes installing and configuring HP 5120 EI Switches in DMZ zones for connecting servers to the data center, HP 5500 SFP Switch for WAN connections for all campus-wide access switches to terminate, and configuring various L3 routes on HP 5500 Switch. Additionally, Swan Solutions implemented N: 1 virtualization technology at the manufacturing company. This created a logical switch by grouping several switches and an Intelligent Resilient Framework (IRF) stack which can support 2 to 10 switches at a time. All the switches in the IRF stack are managed as one network entity using one IP address by managing the logical switch, distributed routing and switching. The solution also supports In-Service Software Upgrade (ISSU) for minimal downtime during software upgrades. Swan Solutions further customized this solution by configuring various alerts and threshold to monitor the network.

Abhijit Salvi, Head Solutions at Swan says, *"Enterprises are often advised to use less than 40 percent of their network. An important feature of this implementation is its ability to notify the management when their network-use crosses 60 percent threshold. "* He adds, *"This way, risks can be foreseen in advance, network outages are completely avoided, and enterprises can take caution against downtime."*

Benefits of implementing Swan's Unified Network Management Solutions

- Flat and simple network design for end-users
- Unified single-pane-of-glass management for monitoring the entire network
- Better connectivity and efficient monitoring solutions; it is now possible to manage factory production from a single point
- Access to real-time reports, as data is updated on centralized infrastructure
- Business continuity is ensured
- Achieved redundancy in switching
- Increased employee productivity with faster network
- Ability to identify bottlenecks in advance, enabling them to foresee consequences, take action and mitigate risk well in advance

Contact Information

Swan Solutions & Services Pvt. Ltd

404 T-Square, 4th Flr, Saki Vihar Road, Andheri East,
Above Skoda Showroom. Mumbai 400 072 INDIA.

EMAIL: enquiry@swansol.com

WEBSITE: www.swansol.com

