

ICT integration: Tecumseh Products India Pvt. Ltd.



A manufacturing Company's IT infrastructure revamping in live environment.

[Tecumseh Products India Pvt. Ltd.](#)

An enormous amount of information is generated and used during the design, manufacture, and use of a product to satisfy customer needs and to meet environmental requirements.

Executive Summary

World's leading compressor manufacturer having two manufacturing facilities in India spread across 25 acre and 110 acre in two different regions of India. Had highly fragile connectivity with unstructured cabling and unmanaged Network resulting in frequent interruptions and higher system downtime.

Challenges

One of the very few manufacturing organizations to go for completely managed Network with chassis based Layer3 switching at the core. Had direct competition with industry leaders like HCL & 3Com that too when they were at the peak of Indian IT industry in year 2003.

Live setup with complete production process dependent of IT infrastructure. Centralized ERP system responsible for controlling functioning of both the plants and sales depots spread across India. Any disruption in IT connectivity means direct impact on production & logistics resulting in direct loss of productivity.

Working in live industrial setup is always challenging because of heavy machinery and overhead cabling. Not to mention restriction on account of working hours and very high safety standards and protection of existing infrastructure.

How Product Helped

Positioning of 6 slot Layer3 Chassis switch against standalone Layer3 solution by competition helped in big way as it provided greater flexibility and backplane fabric for higher performance throughput. Delivered end-to-end solution consisting of Passive & Active components in time bound schedule and successfully migrated complete IT infrastructure on new Network.



"Sysware provided a managed solution while not compromising the production of the industry. A managed aspect and to the point technological approach is what drives them."

Results, Return on Investment and Future Plans

With core infrastructure in place, India head office at Hyderabad plant went on to become IT hub for entire traffic between Tecumseh US and offices across India and APAC region.