

Networking Case Study Faurecia

➤ Organization Profile

Faurecia is the 6th largest international automotive parts manufacturers in the world; in 2013 it was #1 for vehicle interiors and emission control technology. One in four automobiles is equipped by Faurecia. It designs and manufactures seats, exhaust systems, interior systems (dashboards, center consoles, door panels, and acoustic modules) exterior modules (front ends, exterior systems and shock absorption systems) and decorative aspects of a vehicle (aluminium, wood). Faurecia's customers include the Volkswagen group, PSA Peugeot Citroën, Renault-Nissan, Ford, General Motors, BMW, Fiat, Toyota and among others.

➤ Customer Requirement / Challenges

Faurecia shifted to new location located in Bhosari. Below problem needs to solved at customer network infrastructure.

1. Increasing complexity within the network
2. Additional demands for network and data access
3. Escalating cost of network downtime
4. Increasing company operating costs
5. Decreasing support resources for branch locations
6. Redundant power systems for backup
7. Consolidation of location of network services for disaster relief

➤ Solution Offered

Cisco Catalyst 3750 Layer 3 switch series offered for Simple Network Management, Switch & Power supply level redundancy. Cisco Catalyst 3750 also provides configuration flexibility, support for converged network patterns, and automation of intelligent network services configurations. In addition, the Cisco Catalyst 3750 Series is optimized for high-density Gigabit Ethernet deployments and includes a diverse range of switches that meet access, aggregation, or network backbone-connectivity requirements.

➤ Benefits

Cisco Stack Wise technology is a stacking architecture optimized for Gigabit Ethernet. This technology is designed to respond to additions, deletions, and redeployment while maintaining constant performance. Cisco Stack Wise technology unites up to nine individual switches into a single logical unit, using special stack-interconnect cables. The individual switches can be any combination of Cisco Catalyst 3750 and Cisco Catalyst 3750-E Series Switches. The stack behaves as a single switching unit that is managed by a master switch, elected from one of the member switches. The master switch automatically creates and updates all the switching and optional routing tables.

A working stack can accept new members or delete old ones without service interruption. With this customer can manage nine switches with **single IP Address** & switch level redundancy provided.

➤ **Implementation / Completion**

Cisco Catalyst 3750 Series 32 switch installed in environment. 4 stack configured for Simple switch management. With stack configuration a working stack can accept new members or delete old ones without service interruption. With this customer can manage nine switches with **single IP Address**.

➤ **Customer feedback / testimonial on project**

After successful installation by Vintech Team we can manage all our all switches with as single logical switch. We really appreciate Team Vintech for providing & implementing solution in less time. We would like to assure you that Vintech will be our preferred supplier for enterprises services in future.