

Galaxy built and implemented infrastructure for an Indian automotive manufacturing leader's SAP HANA Data Centre

Customer Name: Confidential

Geography: India

Industry: Auto Manufacturing



Challenges:

The company was currently under a Transformational Project of existing SAP landscape "Harmony" to a new SAP HANA project "E-Cube". As a strategic initiative, they were planning to migrate the SAP core application modules from their existing SAP-Unix environment to an x86 platform. The company wanted to upgrade their SAP application and to implement SAP HANA (in memory Database) for faster response time. They wanted full proof solution with zero downtime, as whole business is dependable on SAP (ERP) application.

A Unit of Galaxy Office Automation Pvt. Ltd.

A-23/24, Ambika Towers , Ground Floor, Off Jijamata Road, Nr. Pump House, Andheri (E), Mumbai – 400093, India

Tel +91 22 42187777, Fax +91 22 42187760 | info@goapl.com | URL www.goapl.com

CIN No: U30000MH1987PTC045206

Solution:

After the initial study was completed, Galaxy, Lenovo and IBM performed a feasibility study and developed a business case to determine all of the project's steps. These included:

- Assessment of local networks and attachments
- Technical analysis to support a wide area network (WAN)
- Information gathering for proper solution designing



Galaxy proposed three site architectures on proven hardware technology. Data center, Near Disaster recovery site and Far Disaster recovery site. DC and NDR are in same City, 2 KM apart and FDR is in different City. All three locations use Spectrum Virtualization Software for Storage Virtualization + Flash Copy manager for Local Protection (Snap Shots) and Storage replication software is been used for replication between (DC/NDR & FDR) DC to NDR : Metro mirror been used and NDR to FDR: Global Mirror been used. Galaxy, Lenovo and IBM worked together to execute the entire project, from configuring hardware and installing software to providing educational services. Galaxy implemented the following hardware and software for all the sites:

- Certified SAP Hana Appliances from Lenovo.
- Lenovo Flex Blade Chassis with X240 compute nodes for SAP applications
- Operating system - Suse linux Enterprise Server
- Storage - IBM V7000 and IBM FlashSystem 820 along with IBM Spectrum Virtualize Software

Benefits:

Galaxy provided them a solution, which provides a high-performance, integrated infrastructure platform that supports a mix of compute and networking capabilities. It has the ability to support customer's immediate compute, storage, and networking needs while providing component upgrade paths for each of them. Galaxy services enabled clients to achieve the following goals:

- Cost effective solution with faster response time for users.
- Zero downtime with local protection and disaster recovery sites.
- Scalable solution: Whenever customer requirement grows, they need to add capacity only.
- Faster deployment means cost saving of project lifecycle.
- Best in class performance and faster response time.
- Lowest acquisition cost through "fit for purpose" configurations.
- Highest flexibility in adding or modifying capability or design.
- Lowest TCO by hosting multiple generations
- Maximize application uptime.
- Reduce support costs with easier maintenance.

A Unit of Galaxy Office Automation Pvt. Ltd.

A-23/24, Ambika Towers , Ground Floor, Off Jijamata Road, Nr. Pump House, Andheri (E), Mumbai – 400093, India
Tel +91 22 42187777, Fax +91 22 42187760 | info@goapl.com | URL www.goapl.com

CIN No: U30000MH1987PTC045206