

Hardware Migration for Captive Tube Manufacturing Company



Hardware Migration

The Summary

Client has approached AG Technologies for conducting Hardware Migration of existing Development, Quality and Production servers.

The Client

Client has a captive tube manufacturing unit for tubes which are used in manufacturing tubular chassis. Client is also the trendsetter in the use of advanced robotics in the assembly and welding of chassis, as well as being the first chassis manufacturer in India to set and attain the QS 9000 process certification for its assembly and manufacture of tubular chassis.

The Business Requirement

Client has approached AG Technologies for conducting Hardware Migration of existing Development, Quality and Production servers from Windows 2003 32 bit server to Windows 64 bit (x86_64) for their Production line and installing & upgrading the support pack of Solution Manager in ECC landscape till SP19.

The Solution

AG Technologies approach for Hardware Migration was as follows -

Hardware Migration Tool

AG Technologies used standard SAPINST tool for migration, this tool helps to export and import SAP databases from Source to target system.

Database Upgrade

AG Technologies upgraded the database from MS SQL 2000 to MS SQL 2005 SP3 which enabled to use the latest functionalities of MS SQL.

Pre Migration Steps

- To ensure there is no Cancelled or Pending update requests in the System, if so then these Cancelled or Pending requests should be either updated or deleted for all the clients.

Project Summary

Industry: Manufacturing

Client Profile:

The first chassis manufacturer in India to set and attain the QS 9000 process certification for its assembly and manufacture of tubular chassis.

Solution:

Hardware Migration of existing Development, Quality and Production servers from Windows 2003 32 bit server to Windows 64 bit.

Solution Benefit:

- Increased the performance of the system.
- Can avail the latest patches and updates of SAP.

- To check the current system state.
- To check QCM tables
- To check the financial data.
- To check TATGPC & TATGPCA tables.
- To check ICNV which is a tcode to ensure there's no activities are running in the system.
- To De-schedule background Jobs before starting the exporting of data from the system.

AG Technologies has carried above steps before starting the migration of System, these activities are important as these steps helps to highlight and overcome problems or errors if any of the current system.

Exporting Database from Windows 32bit

- To ensure all the users access to be locked and nobody should be allowed to update or delete any activity on the system,

Importing Database to Windows 64bit

- Imported data on Windows Server 2003 64bit with MS SQL 2005.
- Installed MSSQL, JAVA software and Database Interface.

Post Migration Steps

- Upgraded the Kernel to latest patch level.

SAP Modules and Version:

SAP Solution : SAP ECC 5.0
SAP Modules : FI, CO, SD, MM, PP, PM, QM.

The Solution Benefit

- Increased the performance of the system.
- Can avail the latest patches and updates from SAP.