

Faurecia Interior Systems... Creating auto parts for the world.

by Brandon Banks 2/14/2013

I recently visited Faurecia Interior Systems in Lansing, Mi. The company makes automotive seating, cockpits, doors, automotive exteriors and emission controls systems for most of the car companies in the world. To be this successful, almost every company of our time has to have great technology to assist them.

Software and Security

Faurecia uses a large range of different software to run the business well. For manufacturing, Faurecia uses Insequence that customizes their software for the desired use. Insequence actually puts their own version of windows on Tangents that allows the computer/Tangents to operate smoothly so that the plant does not inquire any interruption of manufacturing. Tangents are expensive mini computers that usually have SSD hard drives and do not use a lot of power. Faurecia also uses Nagios systems and Active Directory to keep up with the computer that they have on site and even across the world. This software is used to manage upgrades and inventories. Faurecia also uses the software Nagios to monitor for network breaches. The company uses different domains, firewalls and keys and limited rights to keep security locked up.

Hardware

Faurecia mostly uses Dell and IBM products. All computers besides the servers and the tangents are all Dell. The Lansing location's server room consists of mostly IBM such as the switches and rack servers. There are two servers both running Windows Servers 2003 but there is a file server in the back of the server room that has been running Windows Servers 2008.

I was told that their servers had recently crashed due to lack of memory and storage space. Since then, the Faurecia Lansing location has been upgrading their servers to come from 4 GB RAM and 160 GB HDD space to 16GB and 500 GB HDD.

Storage

Faurecia uses TS1130 Tape Drives by IBM. These drives can hold up to 24 tapes for data storage. They have these tapes swapped out once a month and handled by Iron Mountain.