



“Using Intel-based servers and the VMware Infrastructure 3 platform has helped us totally transform our client’s IT infrastructure. We’re very happy with the results, and needless to say, the client is as well.”

Roberto Sainz Pando
Wintel Systems Engineer,
Computer Sciences Corporation

HIGHLIGHTS

CHALLENGE

Increase the reliability of a client’s aging physical IT infrastructure

SOLUTION

VMware® and Intel technology creates a virtual infrastructure that increases performance, stability, and availability while simplifying administration

VMWARE AND INTEL AT WORK

VMware® Infrastructure 3 Enterprise, featuring:

- ESX Server 3
 - Dell PowerEdge 2950 servers with Intel Xeon processors attached to IBM SAN
- VirtualCenter 2
- VMotion™
- Distributed Resource Scheduler (DRS)
- High Availability (HA)

DEPLOYMENT ENVIRONMENT

- Guest operating systems: Windows 2000, Windows 2003, Linux Red Hat Enterprise 5
- Virtualized Applications: Proprietary software applications with SQL and Oracle backends

GLOBAL CONSULTING FIRM RELIES ON VMWARE AND INTEL TO OVERHAUL IT FOR FORTUNE 500 COMPANIES

A leading global consulting, systems integration and outsourcing company, Computer Sciences Corporation (CSC) provides customers in industry and government with solutions crafted to meet their strategic goals that enable them to profit from the advanced use of technology.

From its offices in Barcelona, Spain, CSC was able to put these principles into practice when handling an IT consulting project for a well-known Fortune 500 manufacturing company. “The company had dozens of very old servers which were making IT administration a nightmare,” says Roberto Sainz Pando, a wintel systems engineer at CSC. “Every week we had an outage, a server that needed to be replaced, or complaints from the users—all the problems that you can imagine from old hardware.”

Rather than continue putting up with the headaches of this aging physical infrastructure, CSC decided to purchase brand new servers with the latest Intel Xeon processors and run VMware Infrastructure 3 on top of it, as a way to virtualize and consolidate servers. “We converted those old boxes into virtual machines, and voila!—we have performance, stability, easy maintenance, and high availability,” says Pando. “Together, VMware and Intel have made our lives much, much easier.”

RESULTS

- Reduce hardware incidents by 89 percent. “The difference between our old physical infrastructure and our new virtual infrastructure running on Intel-powered servers is night and day,” says Pando. “Hardware incidents have dropped by 89 percent.”
- Free up IT resources to focus on other areas. “The stability that our combined VMware/Intel solution provides gives our engineers time to think strategically about developing new projects and increasing global performance, rather than constantly putting out fires and fixing broken servers,” says Pando.
- Save thousands of dollars in hardware costs. “The P2V project has already generated significant hardware savings, and we estimate that these savings will only grow over the next three years, as we add more virtual machines to the cluster,” says Pando.