

Case Study

TECHNICOLOR IMPLEMENTS ORACLE FINANCIAL SOLUTION

CAT TECHNOLOGY

The Issue: The existing Sun Microsystems™ /Oracle environment within Technicolor® was not fault resilient nor did it have the redundancy required to minimize outages. Technicolor was planning to deploy a new Oracle Financials environment and wanted to partner with a solutions provider with the experience and expertise to assist the engineering team with building a best of breed solution. The service level agreements required that the Sun™/Oracle environment operate with minimal downtime and have the ability to scale as business requirements change.

Configuration:

- 2 SunFire™ 280R Servers
- 2 SunFire V880 Servers
- 1 SunFire V480 Server
- RAID-Based SAN with 2 Brocade® 3800 switches
- Veritas™ Foundation Suite
- Veritas Database Edition for Oracle™/ HA Cluster Server
- Oracle 8.1.7
- Oracle Financials
- Emulex™ LP9002L Host Bus Adapters

The Solution: CAT Professional Services designed a highly available, fault resilient, clustered platform to meet the business requirements for Technicolor's Oracle Financials environment. The solution was also designed to consolidate other existing Oracle environments to benefit from the fault resilient platform. CAT installed and configured Veritas Foundation Suite, Veritas Database Edition for Oracle with Veritas Cluster Server on Sun Microsystems SunFire™ servers.

The Result:

- Technicolor now operates their Oracle Financials and Oracle applications as a highly available, fault resilient 24 x 7 x 365 platform to meet end-user service level agreements.
- The new platform scales to meet future and changing business requirements.
- Downtime is averted thereby avoiding business interruptions.

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Chris Coppa
Manager of Worldwide Services for Technicolor

ENTERTAINMENT



Technicolor is one of the most widely known names in the entertainment industry. Headquartered in Camarillo, California, the company is owned by Paris-based Thompson, a \$9.3 Billion corporation with over 73,000 employees in 30 countries. Technicolor Entertainment Services, Technicolor Release Print Services, and Technicolor Creative Services provide processing, production, printing, and distribution logistics services to their worldwide customer base.

Chris Coppa, Manager of Worldwide Services for Technicolor, faced several issues throughout the Spring and Summer of 2002. Data center operations required consolidation, his team

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needed improved flexibility in managing their IT environment, Technicolor was planning to implement Oracle Financials in addition to their existing portfolio of Oracle-based applications, and the company's end-user population required high availability to ensure a 24 x 7 x 365 operation.

Technicolor turned to CAT Technology to provide the system design and implementation expertise through its professional services group, as well as providing the hardware upgrades necessary to meet Technicolor's business and operational goals.

CAT Technology began the project by creating an architecture team that met on site and by conference call with Technicolor's systems and database administration teams. It became immediately clear that reducing the impact of software and hardware faults was a critical requirement, as well as ensuring that sufficient redundancy was available in the new system configuration.

In parallel, the CAT Technology team met with a list of vendor partners, including Sun Microsystems,™ Veritas, and Oracle. The final configuration also included Brocade switches, making the new configuration a blend of products from the leading providers of the technology industry.

Julie Gutierrez-Farley, Senior Systems Engineer doing architectural design, was a key member of the implementation team at Technicolor. "Our initial challenge was to create a configuration that guaranteed data availability." This configuration included redundant mirrored boot drives, installation of the Veritas Volume Management software to protect the system from a primary drive failure, and a RAID configuration to ensure data availability. Beyond physical data availability, it was also necessary to ensure that the Oracle database containing Technicolor's financial data was protected from both hardware and software faults. Veritas Cluster Server (VCS) was deployed by CAT Technology in close collaboration with the Technicolor database administration team.

Technicolor's Chris Coppa summarized the work performed by CAT Technology, "They clearly understood all the components and were sensitive to our requirements, our need for high availability, and our timetable. From the time the systems hit our dock, CAT Technology's service specialists were deep in the details of our configuration – ensuring that cables and cabinets were in place, memory cards and software patches were installed, and that our software licenses were expedited. We were glad to have a specialized team own the entire configuration, rather than managing multiple vendors. The CAT Technology team owned the entire solution, and delivered a verified, working environment that met our support and availability requirements – in three weeks."

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About CAT Technology:

CAT Technology is a privately-held corporation based in Los Gatos, California. Additional offices include: San Francisco, Sacramento, Danville and Orange County. Founded in 1993, CAT Technology was established to meet the growing needs for IT solutions and services during the infancy of the Internet. As demand steadily increased, the firm quickly became well known in Silicon Valley for astute engineering skills and a commitment to customer service.

Over the past several years, CAT has designed and deployed hundreds of complex infrastructures. A short list of customers include ChevronTexaco, Knight Ridder, Federal Reserve Bank, Walmart, Webex, Digital Impact, and Bechtel.

The company has strong vendor relationships with Sun Microsystems, Cisco Systems, Oracle Corporation, Brocade Communications, Veritas Software and others.

CAT Technology was named one of the top 30 Largest Private Companies in Silicon Valley by the San Jose/Silicon Valley Business Journal in 2002. And in 2001, the San Francisco Business Times named CAT Technology the largest computer reseller in the Bay Area. CAT Technology continues its mission to service customers with technical expertise, intimate customer service and superior IT value.