

San Joaquin Valley Library System Books Autonomic Software to Reduce Desktop Power Consumption

Customer

*San Joaquin Valley Library System
California*

Industry

Multiple County Library System

Location

*Coalinga-Huron Library District
Fresno County Free Library
Kern County Library
Kings County Library
Madera County Library
Mariposa County Library
Merced County Library
Porterville Public Library
Tulare County Library
Tulare Public Library*

Number of Desktops

2,000 + Windows Desktops

Estimated Three Year Savings

\$450,000

*One million Kilowatts
Reduced Carbon Footprint 2,300
tons*

*In effect - you can reduce the same
carbon footprint by planting 500
acres of trees or removing 400
autos from the roads.*

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The San Joaquin Valley Library IT environment is the largest in California and includes over 113 branches. The Library System is comprised of ten counties stretching from Kern County in the south, through Fresno County to Merced County in the north. To maintain such a diverse, widely distributed system is daunting. The geographic area is larger than the nation of Switzerland.



Like many county agencies, the library system was faced with staff cutbacks, loss of budget, and increasing demand from library users. Energy costs were increasing, adding to the ordeal of trying to operate within the reduced year's budget. Pacific Gas & Electric, the library system's power provider, just announced Peak Day Pricing, whereby premium energy rates go into effect during the hot summer months between the key business hours of 2-6 PM. Since libraries' hours are set by the state, such a pricing change would have dramatically increased energy costs for the library system.

The Challenge – How to cut costs in order to find extra room in the budget so the Library System could continue to stay open and serve the public? The IT group felt that if it could cut desktop power usage they could find some extra money for the budget. The problem was that the libraries served were spread out over the vast San Joaquin Valley and had to be serviced and maintained from one location in Fresno California. Different libraries had different network setups and different time requirements for when the computers needed to be turned on and turned off. Wake-on-LAN was a must in order to manage system's widely dispersed desktops. The IT group had all but given up Wake-on-LAN ever working, The biggest question was how the cost of the power management solution they needed would impact the already over-stretched budget.

"I am absolutely pleased with ANSA Platinum's Power Manager and the way it fulfills our needs. Not only does it effectively manage desktop power usage - saving us a bundle, Wake-on-LAN allows our IT Team to turn on computers in off time in order to perform maintenance and upgrades. We easily manage the power usage for the desktops at 113 libraries ...and you can't beat the price. It really was absolutely free -there was no cost to us. The Autonomic Software Technical Team was fast, efficient and listened to our needs and requirements. We really could not have had a better experience."

*Deborah Janzen
Principal Librarian
Technical Services*

About Autonomic Software

The company provides automated enterprise power reduction, network management and security solutions. Autonomics' industry-acclaimed software was recently rated first among competing products in the September 2009 Power Management Software review in InfoWorld Magazine. InfoWorld also awarded ANSA Power Management a 2010 Technology award.

Founded in 2004, the company helps customers create a continuously protected environment by combining patch management, asset management, configuration management, software distribution, and power management into a comprehensive network management solution.



The Solution – Power Management That Works

The Library's IT group chose Autonomic Software's ANSA Platinum automated Power manager. After an intensive in-house test that allowed the group to push the limits of the solution, testing for the right set of requirements would make their job easier. The library's IT group seemed satisfied except for one thing – the team went to work throwing everything they had at Wake-on-LAN. If it didn't work, there would be no deal.

The answer stunned and delighted the IT group. "The cost is zero," said the Autonomic sales rep. "Your local power company, Pacific Gas & Electric, will pick up the tab as their reward to you for cutting your power usage. You have no out-of-pocket costs with this product, now or anytime in the future."

The Autonomic Software's technical people installed the product remotely to all 113 sites. Quickly up-and-running, the Libraries IT professionals were able to set up each individual library as a group and set up power policies that reflected the needs and time requirements of that particular group. The product was easy to use and the wide-range of reporting capabilities allowed them to see just how quickly Power Manager was beginning to pay off in drastic cuts in the desktop electric bills.

Power Manager can scale up or down as the library system grows or shrinks in size. One centralized graphical user interface makes it easy for IT managers to access the system from any web browser on the network or world-wide-web. The dashboard-driven policy setting makes power management controls and management easy, offering fine-grained controls for hibernation/standby, and subsystem-only shutdown.

Results – Job Done and More Money Found for the Budget

Over a three year period, the library system will save \$450,000 in energy costs – and never pay a dime for Autonomic Power Manager. They will also reduce their carbon footprint and give their IT group a solution that will continue doing its job for years to come.

