



Power
Management
Solutions

I need to reduce power costs by 30%.
Can you do it?

Energy Conservation Equals Huge Savings

The Business Issues

As energy costs soar, more and more CFOs are looking for ways to cut back on energy usage. Many utilities firms are also offering rebates for reduced energy usage. How can C&A Associates help?

Firms often leave their desktop systems running 24x7x365. Even power-save modes draw energy. The costs can be staggering. The average work day is about 10 hours or 50 hours a week. A week, however, has 168 hours. This means that even in power-save modes, systems are drawing energy for about 118 hours where no one is using them. This equates to 6136 hours for one machine in one year.

Think of the energy consumed for an office with 100 systems - 613,600 hours of wasted power draw!

The C&A Solution

We have a Power Management solution that could cut your energy costs by as much as 40% or more. Our SyAM Software's products allow administrators to create power policies and enforce them without any intervention by end-users. Just think, no more "please shut down" stickies everywhere.

Each desktop or notebook connected to a network can be configured by IP address for a scheduled graceful shutdown. We define a graceful shutdown as comprised of three phases: applications, OS, hardware. Administrators configure once and shutdowns are then automatic. In the morning, users can power on their machines or they can be configured for "Wake-On-LAN".

To see how this can save 40% or sometimes substantially more on energy costs, just turn the page.

How Much Can You Really Save?

Without Power Management

Number of PCs	200
Energy Rate (per kWh)	\$0.14
Average Wattage	200
Weekday Hours On	24
Weekend Hours On	24
Annual kWh Used	350,400
<i>Annual Cost</i>	<i>\$49,056</i>

With Power Management

Number of PCs	200
Energy Rate (per kWh)	\$0.14
Average Wattage	200
Daily Hours On	14
Weekend Hours On	0
Annual kWh Used	146,160
<i>Annual Cost</i>	<i>\$20,594</i>

Total Energy Savings 58%

kWh	202,240
Dollars	\$28,594

Consumption Assumptions*

Typical Desktop	120 Watts
Typical Laptop	50 Watts
Power-save Mode	30 Watts
Typical 17" CRT	150 Watts
Typical 17" LCD	75 Watts
Sleeping Monitor	15 Watts

* based on US Department of Energy online calculations and information

Wattage Calculations

$\frac{\text{Watts} \times \text{Hours Used}}{1000}$	\times	$\frac{\text{Cost per kWh}}{\text{Cost}}$	=	Total Cost
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Power Management is Just the Beginning.

TCO Management

All organizations today are concerned with total cost of ownership (TCO). While initial systems costs are often inexpensive, this belies the true costs firms will incur over the life of that system. At SyAM Software, we see TCO as falling into two categories: administrative costs and maintenance costs.

SyAM Software helps lower both of these costs. Administrator salaries are a fixed cost. But the more systems they can manage, the lower the administrative costs per machine. Our software allows administrators to remotely manage more machines with fewer resources. We reduce maintenance costs by alerting administrators to problems before they create downtime or catastrophic failures.

Asset Management

Organizations typically struggle with three main asset management issues:

- What do we have?
- Where is it?
- What software is on it?

The challenge today is that it can often take an army of people manually tracking systems to answer these questions.

SyAM Software addresses this issue by providing dynamic asset discovery capabilities. Our software continually tells you what you have, what's on it, whether or not it's on the network, how healthy it is and whether or not it needs maintenance. Ongoing dynamic asset tracking can save thousands of dollars compared to manual asset tracking.

Remote Management

One of the biggest costs of IT is staff salaries. One of the biggest drains on staff is the time it takes to properly diagnose root causes of problems. Multiple deskside visits to diagnose problems, fix problems and test systems eats into the productivity of administrators.

SyAM Software addresses this issue with our remote management capabilities. Our software allows an administrator to drill down to the chip level to diagnose root causes of problems without leaving his or her desk. Since many problems are software based, we have developed remote "take over" features that allow an administrator to literally take over the machine at then KVM level to resolves problems.

Our Products

- Desktop Monitor Local
- Notebook Monitor Local
- Server Monitor Local
- Desktop Monitor Central
- Server Monitor Central

Our [Local Management](#) products can be set up for testing and use, one system at a time for free. Our [Central Management](#) products can be set up and tested free for 15 days.

About C&A Associates

C&A Associates is a certified reseller of SyAM solutions to financial institutions and a wide range of businesses in the US.



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System Area Management Made Simple™

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