



Managing client PCs on your network just got easier!

Client Management Services from Argon Technology can meet these challenges. It can help you too.

With Client
Management
Services you're
in control

Client Management Services (CMS) is the latest software product from Argon Technology, the world leader in network booting solutions. CMS provides comprehensive network booting and pre-booting solutions to help you manage client devices across your network. From PCs to workstations, network servers, and networked appliances —you're in control. Among its many features, CMS includes an easy-to-use, flexible, fully automated system for deploying Windows operating systems onto client PCs over a Local Area Network.

Repair damaged files quickly

Problem: The Chief Technical Officer of PaqTech was dismayed to see an error message "Failure reading Drive C:" when he turned on his PC. The operating system wouldn't load, and by using hard disk utilities, he discovered several bad sectors in the WINDOWS\SYSTEM folder. But without Windows running, he couldn't use the standard backup programs to selectively restore files. Reinstalling the operating system was a time-consuming option, and meant losing data and reconfiguring his desktop.

Solution: Fortunately, PaqTech uses CMS. The Network Administrator had used it to back up key system files and the registry. Now, simply by rebooting his PC from and selecting a pre-configured network boot menu entry, he was able to restore his damaged files. Within minutes, he had Windows up and running —without losing data or reconfiguring.

Track and replace leased hardware efficiently

Problem: The IT department at Security Insurance oversees 130,000 workstations and servers. Every year, they replace one third of the workstations and servers, which are on three-year leases. The process of identifying older machines and deploying replacements was both time-consuming and expensive.

Solution: With CMS, Security Insurance now deploys and custom configures new workstations and servers as they're received. The process requires minimal intervention from the IT personnel. Using CMS, they centrally deployed a third party inventory solution that logs and reports existing PC hardware configuration. Replacement units boot from the network as they power up, automatically installing the corporate operating system.

Lower PC configuration costs

Problem: BH Industries needed a fast and effective way to customize, deploy and manage 2,000 new Windows XP-based PCs.

Solution: Using CMS' OS deployment functionality, the IT department was able to quickly and efficiently roll out Windows XP on all the new, Wired for Management (WfM)-enabled PCs. BH has significantly reduced PC operating costs. By deploying the operating system and applications over the network, they avoided the expense of hiring additional technical support staff to visit each PC to install from CDs.

User disruption was minimized, since many deployments were carried out after regular business hours, using the Remote Wakeup capability of CMS and the new PCs.

Trouble-free OS migration

Problem: When QuickAir decided to upgrade over 700 PCs from Windows 98 to Windows 2000 Professional, they found that many of the migration tools available were complicated and inefficient.

Solution: QuickAir combined the easy-to-use OS deployment capability of CMS with their existing third party disk cloning software to install and configure the new operating system. In the process, they reduced the average PC deployment from over two hours to less than 15 minutes.

With the new OS in place, CMS provides added benefits. The IT department can now centrally manage their client PCs. This includes the ability to repair corrupted or misconfigured PCs from a central location, reducing both user downtime and IT staff travel time.

Add remote clients to widely dispersed networks

Problem: Toy retailer Toys Galore operates hundreds of stores across the country. Each store has several networked POS (Point of Sale) terminals that are essentially trimmed down PCs. Installation and maintenance of new terminals was expensive, since head office IT staff had to visit local stores to configure the new units.

Solution: Using CMS, they can configure new terminals anywhere in the country from a central workstation at head office. Non-technical store staff need only plug in new terminals. Now, terminals across the network can be upgraded to the latest OS and application programs quickly and easily. Since IT personnel seldom need to visit local stores for maintenance or troubleshooting, travel expense is down dramatically.

Improve productivity

Problem: Richmond High School has three computer labs, and one full time instructor. Each lab has thirty student PCs, connected to the instructor's machine over a small LAN. To accommodate different training courses, PCs need to be re-configured daily, sometimes after hours for night courses.

Solution: The instructor uses CMS to create an image for the OS and applications for upcoming classes. They install these Images are installed over the network after hours, using CMS's Remote Wakeup functionality. Eliminating configuration visits to each student PC makes better use of instructor's time, and dramatically reduces overtime costs.

Simplify backup and restore procedures

Problem: A non-profit organization, Bikes for Tykes has 15 full time employees and hundreds of volunteers. The organization experienced a serious problem when a virus disabled the office's PCs at a time when the volunteer who looked after IT needs was out of town.

Solution: Determined to avoid this situation in the future, the directors chose to install CMS on one of the office desktops. They configured the other PCs to boot from the office LAN, using an image that automatically backs up critical files. Another image restores these files when needed. Office staff no longer depend on the network volunteer for help, since they can easily restore files themselves.

To learn more about the benefits of network booting, visit us at: <http://www.argontechnology.com>

Discover how Client Management Services can help you manage your networked PCs and reduce total ownership costs.

Argon Technology is a world leader in network booting solutions. Through its family of products, Argon Technology provides network booting tools that streamline client management, improve client security and help reduce the cost of desktop ownership. Firmware originally developed by our staff is installed in millions of workstations in over 100 countries. Responding to market needs, Argon Technology provides a wide range of products that support dozens of popular Network Interface Cards (NICs) running in PXE, NetWare, TCP/IP and RPL environments.

Note: The companies and scenarios mentioned in this document are fictitious and were meant to illustrate the type of solutions that are possible with CMS.

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