



VMware Optimizes Hardware Platform Utilization with AMAX Enterprise Server Solutions

THE PROBLEM

VMware, the industry leading virtualization and cloud infrastructure solutions provider, needed a highly reliable, mission-critical hardware platform that was compatible with their software image. It was essential that the platform include a long lifecycle and revision-controlled computing hardware in order to run VMware's virtualization flagship software suite as well as support VMware's engineering and R&D teams 24x7 as they develop and enhance the next generation VMware software products.

THE CHALLENGE

When using other vendors' hardware platforms, the VMware engineering and R&D teams constantly had to re-engineer their software image because chipsets were always changing. This required additional resources and time. To compound the situation, their platforms could not meet VMware's revision control and long lifecycle requirements.

“AMAX's dynamic hardware solutions offered us an infinite level of customization that exceeded all our expectations. We can always rely on AMAX to come through when other main stream vendors fall short.

Vinh Le, Hardware Deployment Manager, VMware

THE SOLUTION

VMware turned to the AMAX Enterprise division for a mission-critical server solution that would resolve their chipset compatibility issues. With an in-depth knowledge of VMware's virtualization software chipset requirements and over 31 years of dynamic computing expertise, AMAX quickly developed a custom ServMax Servers utilizing the latest multi-core, high performance and energy-efficient Intel® Xeon® processor boards, controllers and networking chipsets that were guaranteed to run flawlessly with VMware's software, ensuring compatibility and ease of deployment.

By leveraging AMAX's build-to-order approach using industry-standard components and open architecture, VMware's engineers and R&D teams could specify the exact hardware configurations and custom I/O card combinations to test full audio, network, VGA, and virtualization functionality with their products. This level of customization helped reduce deployment time, while concerns over hardware changes were eliminated by utilizing AMAX's custom revision control procedures to maintain strict hardware and BIOS revision control.

“AMAX has the capability and capacity to meet all of our specific hardware requirements. In working with AMAX, we save cost without sacrificing quality.

Vinh Le, Hardware Deployment Manager, VMware

VMware successfully implemented the ServMax scalable solutions for their large test and development environment using virtualization. This implementation has helped overcome lifecycle hardware platform issues from other vendors by deploying AMAX's platform with a guaranteed lifecycle of over 3 years, while also increasing the speed at which new test and development projects can be started compared with the previous vendors' solution. As additional virtualization capabilities are developed, VMware intends to look for areas beyond test and development where their next generation software products can further leverage the ServMax computing performance and reliability to further accelerate innovation.

ABOUT AMAX

Founded in 1979, AMAX is the leading provider of high performance computing and comprehensive appliance manufacturing solutions. The company applies a unique combination of engineering expertise with an open standards-based approach to dramatically increase IT infrastructure ROI for a broad range of customers. Global organizations, including some of the world's best-known brands, use AMAX offerings to solve complex computing challenges, meet product development demands, integrate virtualization applications, reduce energy consumption, and stay competitive. AMAX is proud to be ISO 9001 Certified and China Compulsory Certified. The company headquarters is in Fremont, CA with offices in Richardson, TX, Taipei, Taiwan, and Suzhou and Shanghai China. For more information on products and services, go to <http://www.amax.com>.