

SUCCESS BRIEF

Intel® Core™ i5 vPro™ processor
Enterprise Client/Mobility
Security and Manageability



Improving Security and Productivity with Commercial, Off-the-Shelf (COTS) PCs

U.S. Defense Intelligence Agency's Next-Generation Desktop Initiative seeks to improve security and costs and enhance analyst productivity



"Thin client computing failed to provide the necessary support for modern multimedia-based applications. Today's advances in virtualization and solutions, such as Intel® vPro™ technology, look to provide for us the best of both worlds: the power of the traditional PC coupled with the ease of management and heightened security of thin client infrastructures."

– Michael H. Mestrovich
Senior Technology Officer for Solutions
Defense Intelligence Agency

ORGANIZATION

The U.S. Defense Intelligence Agency (DIA) is a linchpin of the nation's military intelligence community, providing authoritative assessments of foreign military intentions and capabilities to policy makers and military commanders. DIA has more than 16,500 military and civilian employees worldwide.

CHALLENGE

DIA needs to deliver a secure, cost-effective client environment that supports multilevel security (MLS) and allows access across multiple network domains. The client environment must also enable analysts to effectively use sophisticated, visually based applications that improve their ability to explore complex webs of data and collaborate with colleagues.

SOLUTION

DIA is in the first year of a multiyear program to deploy and use the Intel® Core™ i5 vPro™ processor to support MLS capabilities on end-user PC desktops. Going forward, DIA expects to build on this effort by implementing client virtualization with a Type 1, bare-metal hypervisor using Citrix XenClient*.

BENEFITS

DIA aims to create a robust, reliable, and flexible operating environment that can increase patch compliance with less staff time, thus enhancing enterprise security. DIA expects to gain a more dynamic application and system delivery environment that can increase organizational efficiency while providing analysts with the local performance and graphics capabilities to improve their use of modern visual analysis applications. The net effect is to future-proof DIA's client infrastructure while achieving the cost savings of a true COTS platform.

Find a solution that is right for your organization. Contact your Intel representative or visit the Reference Room at www.intel.com/references.

Intel® vPro™ technology includes powerful Intel® Active Management Technology (Intel® AMT). Intel AMT requires the computer system to have an Intel® AMT-enabled chipset, network hardware, and software, as well as connection with a power source and a corporate network. Setup requires configuration by the purchaser and may require scripting with the management console or further integration into existing security frameworks to enable certain functionality. It may also require modifications or implementation of new business processes. With regard to laptops, Intel AMT may not be available or certain capabilities may be limited over a host OS-based virtual private network or when connecting wirelessly, on battery power, sleeping, hibernating, or powered off. For more information, see <http://www.intel.com/technology/platform-technology/intel-amt/>.

Intel® Virtualization Technology requires a computer system with an enabled Intel® processor, BIOS, virtual machine monitor (VMM) and, for some uses, certain computer system software enabled for it. Functionality, performance, or other benefits will vary depending on hardware and software configurations and may require a BIOS update. Software applications may not be compatible with all operating systems. Please check with your application vendor.

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