

Accelerating and Simplifying NMCI Application Migration with Virtualization Technology

*Turn existing DON applications into on-demand
Services without code rewrites or recompiles*

One of the more complex aspects of the NMCI project is deploying and managing applications across a heterogeneous set of end users. Provisioning new applications, patches, software updates, security updates, revoking application access and other software change is a major challenge that takes valuable resources away from higher-return tasks. Softricity® SoftGrid® is an application virtualization platform that is designed to allow administrators to transform existing applications that must be installed locally into virtual services that can be centrally managed and deployed on-demand across LANs, WANs, and wireless networks - without requiring on-site personnel to install the applications. SoftGrid frees applications from being tied to specific systems or departments through SystemGuard™ - a protective virtual runtime environment that protects the host operating system from being altered by applications. SoftGrid solves several immediate and long-term application challenges facing the NMCI and DON, including:

- Running multiple versions of the same application on a single machine - for example, run Access 97, Access 2000 and Access XP simultaneously
- Deploy legacy applications from a centralized server – streaming the application on an as-needed basis to target computers including desktops, servers and laptops
- Manage thousands of applications, patches, updates, and other software changes from a central server – ensuring 100% application fidelity at target computers
- Solve Java application disparities by allowing multiple versions of JVMs to operate on a single machine
- Turn thick client applications into “slim” client applications – providing the ubiquity and ease of provisioning of web applications with the feature richness and fidelity of a thick client Windows or DOS application
- Server consolidation – reduce application silos by eliminating application conflicts
- Managing all application updates from well-known tools such as Microsoft Active Directory and XML technologies
- Granting and rescinding application access – allowing IT administrators to manage software licenses reliably and cost-effectively
- Delegate application provisioning, allowing end users to self-provision applications in a secure, distributed environment

In addition, Softricity’s SoftGrid solution is also designed to work within a secure environment in which the desktop infrastructure is completely locked down. Applications are able to operate detached from the operating system with rights only to access the software and data they are enabled for. Industry standard protocols are used to deliver and manage applications and the entire set of protocols for distribution and management can be run securely through SSL/TLS. Softricity can use Default Windows or Web authentication mechanisms and is capable of integration with Single Sign On and other AAA systems.

Come see this software in action in an in-depth overview and product demonstration. You will see a live product demonstration that shows how easy it is to administer applications, provision end users, and deploy applications across a variety of end points, including Citrix MetaFrame / Terminal Services, desktops, client and server blade computers, and laptops. We will also demonstrate SoftGrid's comprehensive software license management and reporting mechanisms, designed to make it easier for the DON to remain in compliance with software vendors' license agreements.