D&LLEMC

CLIENT VIRTUALIZATION SOLUTIONS DELIVER ENHANCED SECURITY AND COMPLIANCE WHILE LOWERING COSTS

Modern, mobility-enabled financial services with Dell, VMware and Intel® solutions

FINANCIAL SERVICES CHALLENGES

As a financial services institution, you face an increasingly complex and stringent regulatory environment, making data security, audit compliance, and risk mitigation a top imperative. Your institution must also adapt to highly demanding and increasingly mobile customers and empower your employees to be productive and responsive in an increasingly competitive marketplace. With Dell, VMware, and Intel® as technology partners, you can meet these challenges.

STRENGTHEN DATA PROTECTION AND HELP PREVENT LOSS

With traditional desktops and notebooks, customer records and data are more likely to be copied to local storage or unsecured, removable media, or uploaded to unauthorized storage accounts. Client virtualization solutions with VMware Horizon and Intel® Xeon® processor powered Dell 13G PowerEdge servers, centralize critical data securely within the datacenter where it can be managed, replicated and backed up on a continuous basis. When coupled with Wyse thin and zero clients, data is further secured as local storage is eliminated. Role-based contextual policies can ensure that client-side desktop features like clipboard, USB, printing, and client drives cannot be exploited to steal information. Additionally, thin clients can be configured to support the latest identity management and access control policies through the use of a strong, two-factor authentication system that connects to virtual desktops. This architecture further reduces the risk of data theft or interception while also streamlining data backup.

IMPROVE REGULATORY COMPLIANCE

Financial services firms must be able to respond quickly and effectively to stay compliant with all application regulations and standards, to avoid regulatory penalties and damaged reputation. Adopting client virtualization allows IT to centralize and manage all data securely within the confines of the datacenter, improving auditability and compliance. Refreshing legacy PCs with Wyse thin and zero clients also allows your IT team to increase governance and improve compliance with data privacy regulations through a centrally stored database and managed infrastructure.

SECURE AND OPTIMIZE BRANCH OFFICES, ENABLE BUSINESS MOBILITY

Remote field offices typically use older technologies and are usually less secured than main offices. Because remote workers tend to use legacy PCs running locally installed applications and data, they increase the potential for security incidents via unapproved data access, localized data storage and device theft.

Additionally, branch office workers are often highly mobile as in the case of business bankers and relationship managers who visit clients throughout the day. These workers need continuous access to banking applications and customer documents in order to advise clients, review applications for financial services, and provide competitive, timely advice to customers in order to win and retain business. Client virtualization gives mobile workers a digital workspace that can be accessed in the office, at a café, or customer site, on any device, while maintaining security.

IT desktop support is further challenged to service a wide geography of branch offices. Client virtualization solutions allow IT to centralize desktop support, simplify desktop image and application management, reducing help desk calls and support costs, while increasing user satisfaction.

When connecting to the main office, poor network performance can create a bottleneck. A slow, or latency-prone WAN or VPN often results in poor application responsiveness, and creates user dissatisfaction, impacting productivity. By implementing client virtualization solutions from Dell, VMware and Intel, these concerns can be addressed with display technology that delivers an optimal user experience, while ensuring that data is secure and the environment meets required compliance. Legacy hardware can be repurposed and locked down as a kiosk. IT also has the ability to deploy Wyse thin or zero clients, which have no local storage capabilities. Keeping data off legacy endpoints can add an additional layer of security, reduce IT support costs, and increase refresh cycle time. IT can manage the applications and data from within the datacenter and the Wyse endpoints remotely.

STANDARDIZE SHARED WORKSTATIONS

Through client virtualization, task workers can share the same workstation across different shifts. User personalization is not required as each workstation can run a well-defined set of applications while meeting well-documented security policies. These co-developed solutions are certified, validated and secure.

KEY BENEFITS

Simplified, Rapid Deployment of Desktop Pools with cloud-like economics and elasticity of scale. Deliver pristine, non-persistent desktops that retain user persona and customization between sessions.

Intelligent, Contextual Policy enabling IT to improve client virtualization security posture with fine grained control of virtual desktop client side features like USB access, printing, clipboard and client-drives.

Radically Faster Application Delivery and lifecycle management with unified application and user management. Simplify desktop image management, reduce storage footprint, and drive down IT costs by up to 70%

Real-time User Personalization/Roaming creates the experience of a dedicated, persistent desktop, using a one-to-many non-persistent infrastructure, helping save money on the infrastructure needed to run an environment, while

Integrated Identity Management and mobile device security through multifactor authentication and Single Sign-On (SSO) that enables end users to securely access data and applications from any device and at any time, while helping ensure pervasive security from datacenter to desktop.

Lower IT operational costs: Dell and VMware client virtualization solutions, paired with Wyse thin and zero clients, IT operational costs are reduced due to lower desk-side PC support and virtual desktop management is confined within the datacenter, allowing IT resources to be proactively managed verses reactively deployed.

Increased security: Tightly control your data on centrally located, secure servers and effectively manage your end points. Further security comes from Wyse ThinOS which is virus and malware resistant with an unpublished API and zero attack surface.

Minimize risk: control and limit excessive access rights to avoid fines and sanctions.

Lower capital costs: save money with an eight-year endpoint refresh lifecycle, featuring components with no moving parts to fail and no local OS to corrupt.

Flexibility to choose: with the support of open standards, Dell allows you to choose from a wide variety of devices and complete end-to-end client virtualization solutions on 13G PowerEdge servers, powered by Intel® Xeon® processor.

WYSE THIN AND ZERO CLIENT HIGHLIGHTS

Secure by design: Virus and malware resistant with an un-published API and zero attack surface. Supports a robust 802.1x wired and wireless authentication spectrum of security protocols: from all EAP connection types to robust LAN based authentication including EAP-TLS.

Flexible by function: Supports a wide range of peripherals such as bar code scanners, receipt printers, monitors, and displays.

Fast: Quick boot-up and secure desktops based on a variety of authentication methods, including rapid app access with single sign-on and 2-factor authentication.

Easy to manage: Covers the everyday basics so you don't have to. IT can get out of the desktop hardware maintenance business.

TRUE END-TO-END CLIENT VIRTUALIZATION

Simplified solutions

With the preconfigured, validated and certified appliance approach, the complexity of client virtualization is reduced and security increased. Intel® Xeon® processor powered 13G PowerEdge servers, along with VMware Horizon, incorporate the management tools, predictable sizing and performance organizations require.

Client virtualization allows you to control your data safely in the appliance or datacenter. You have the confidence knowing that your staff, your customers and your critical data are all protected and your business can continue to grow.

Intel Inside®. Powerful Solution Outside.

Contact your Dell representative or visit http://www.dell.com/wyse to discover how Dell can help you get more from your Cloud Client-Computing solution.