



Cloud Client-Computing Solutions for Finance

Prevent data breach, meet compliance while lowering costs

As a financial institution or insurance company, you must comply with increasingly tight regulations. Data security and confidentiality are essential. Yet you must adapt to highly demanding and increasingly mobile customers. You also want your employees to be productive on high-performance IT systems. With Dell cloud client-computing solutions as a technology partner, you can meet all your challenges.

Prevent data breach

With traditional PCs, customer records and data are more likely to be copied to portable media or uploaded to unauthorized storage accounts. With cloud client endpoints such as Wyse thin and zero clients from Dell, applications and data are stored in a centrally secure datacenter and never reside on individual PCs. 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 reduces the risk of data theft or interception while streamlining data backup.

Meet compliance

Financial services firms must be able to respond quickly and effectively to remain compliant with all application regulations and standards, thus reducing the risk of penalty and damaged reputation. Refreshing legacy PCs with cloud client endpoints allows your IT team to increase governance and compliance with data privacy through a centrally stored data base and managed infrastructure.

Secure and optimize branch offices

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

When connecting to the main office, poor network

performance on a slow/latent WAN or VPN often creates user dissatisfaction and impacts productivity. Both of these concerns can be addressed with a shift to application delivery or client virtualization, as well as the use of Wyse thin clients on which no data resides and which can be managed remotely without an IT administrator on site.

Standardize shared workstations

Different 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. This is an ideal use case for implementing VDI and cloud clients, as it can significantly decrease IT operation costs.

Key benefits

Increased security: tightly control your data on centrally located, secure servers and effectively manage your end points.

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

Lower capital costs: save money with a long endpoint refresh lifecycle, featuring components with no moving parts to fail and no local OS to corrupt.

Lower IT operational costs: Dell thin clients and virtual desktop solutions require less maintenance than solutions based on standard PCs.

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 VDI solutions.



Wyse thin clients for Finance and Insurance

Model	Description and user type / workload	
Wyse 3040 thin client		With an Intel quad-core chipset, this thin client is Dell's smallest, lightest and most power efficient thin client and comes with flexible mounting options for space-constrained environments. It meets both efficiency and cost effectiveness.
Wyse 5040 AIO		Unique, elegant, all-in-one form factor with a 21.5" display, running ultra-secure, virus-resistant Wyse ThinOS. Dual-core AMD CPU and dual graphics capabilities. Ideal for use by branch clerks or financial analysts in customer-facing roles.
Wyse 5060 thin client		High performance, quad-core AMD CPU and dual graphics. Ideal for back-office knowledge workers running 2D/3D applications and HD videos.
Wyse 7040 thin client		Quad-core AMD CPU, high-end graphics and supports up to 3 monitors for the highest performance. Ideal for power users and trading specialists.

Wyse thin client highlights

Fast and secure: 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.

Flexible by function: Supports a wide range of peripherals such as multiple displays and monitors, smart-card readers, scanners and printers.

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

Secure by design: Wyse ThinOS is resistant to virus and malware with an un-published API and zero attack surface. It 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.

For all endpoints running Windows, the optional Dell [Threat Defense](#) anti-virus software offers the ultimate proactive malware protection.

The best virtual desktop experiences Citrix receiver, Microsoft remote FX & RDP and VMware Horizon support – all developed in collaboration with partners to enable a rich user experience.

End-to-end VDI solutions: only from Dell

In addition to thin client products, Dell also offers end-to-end desktop virtualization solutions running on Citrix, Microsoft RDS or VMware connection broker software. These solutions include datacenter hardware, hyper-converged infrastructure appliances, endpoints, services, support with a single-point of contact, Dell, for ordering and support.

Resources:

- Case study – [Fairway Independent Mortgage Corp.](#)
- Case study – [Sony bank](#)
- [Dell Wyse financial Whitepaper](#)
- [VDI in the finance industry – Whitepaper](#)

“After a 16-month payback, we're now realizing approximately \$60,000 a month in operational savings with Dell's cloud client-computing model and the Wyse thin clients.”

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