



## Why a Business Should Consider a Thin Client Solution

Thin clients are the ideal solution for today's healthcare, government, industrial, retail, financial, and education industries if the operation is facing such issues as:

- Desktop replacement costs
- Network security
- Data access to mobile or remote workers
- Supporting application hardware on diverse hardware
- Ensuring data is accessible and secure

In a thin client environment, workers do their computing on a virtual desktop residing on the central server. Users access the environment through a thin client—a simple computing device that contains no hard drives or other moving parts and relies on the server for all computing resources.

### Enhanced Security

Thin clients have no hard drive, allowing for more secure storage of data and applications on the server. In fact, keystrokes, mouse activity, and screen images are all that is sent between the client and the server. They are easy to replace if lost, stolen, or damaged. Thin clients are the ideal choice for businesses that face regulatory compliance laws such as HIPAA or Sarbanes-Oxley.

### Streamlined Manageability

Thin clients are managed at the server located within the data center. The client hardware has fewer points of failure and is less susceptible to viruses and malware. The clients connect to servers via web browsers or remote desktop software. Depending on user needs, client desktops can be simple single-application kiosks or a flexible and familiar Windows environment.

Thin clients are fast and easy to deploy—they can be out of the box and set up in less than ten minutes. Plus, they can be remotely configured and managed. Software updates, virus scanning, and patches can be executed on the server.

### Reliability

In the event of a natural disaster or emergency, thin clients provide business continuity. And with no hard drive, fan, or other moving parts, thin clients have a much longer lifespan than standard computers and can be cost-effectively replaced. Thin clients are ideal for dusty, remote, or space-constrained environments.

## Energy Efficiency

Thin clients offer significant savings in power usage over traditional desktops. This is realized not only in lower energy costs but in reduced cooling costs by the elimination of heat generating PCs in some cases.

## Lower Total Cost-of-Ownership

Increased security, reliability, easy management, and longer useful lifespan—all thin client business benefits that combine to deliver a lower cost of ownership. In fact, a Gartner study measured thin client TCO annual savings as high as:

- 79% downtime cost-per-user
- 16% capital cost-savings
- 34% less in maintenance
- 19% less to operate
- 48% overall lower TCO

## Smart Zero Client Technology

HP Smart Zero Technology gives you a simple, reprogrammable and affordable solution. It supports multiple protocols and can be reprogrammed on the fly, delivering a no-compromise, intelligent zero client experience for remote and cloud computing environments. HP Smart Zero Clients allow end users to be up and running in seconds with no configuration or management required on the device side. Just set up your server, boot the client and connect. HP Smart Zero Technology combines the benefits of a zero client with HP auto-sensing technology that automatically connects to the network and searches for the right Citrix, VMware or Microsoft client virtualization infrastructure and downloads everything it needs to deliver a robust user experience. The user is up and running quickly with no local user interface and just three steps from log on to productivity. HP Smart Zero Clients can also be managed by HP Device Manager for enhanced visibility of devices or mixed device environments.

## HP's Client Virtualization Solutions

HP offers a complete solution of thin client devices for essential, mainstream, flexible or specialized computing. HP can also provide all the related products and services for remote client computing or desktop virtualization including blade PCs, storage, networking and servers.

**Need a Desktop Virtualization Plan? Contact A-TRAC Today.**

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