



SERVER-CENTRIC SOLUTIONS

Refresh delivers **thin client solutions** which deliver security and productivity benefits far beyond that of a typical PC structured environment. Our solutions are tried, tested and proven. With the implementation of thin client architecture, companies can realize dramatic reductions in hardware, software licensing and travel costs—upwards of 75% in some cases.



TCO (Total Cost of Ownership)

In addition to the lower initial cost of the hardware, the total cost of ownership on thin client solutions is reduced, because centralizing applications and storage allow your users as much or as little flexibility as their jobs require. Time wasted on software faults, user errors, illegitimate/unproductive activity and mechanical failure are all reduced drastically. The Refresh thin client solutions add real return on investment, with increased life of that investment. According to a study by Gartner (TCO Comparison of PCs with Server-Based Computing, June 2006), thin client TCO yearly savings have been found to be:

- 79% less downtime cost per user
- 16% capital cost savings
- 34% less in maintenance
- 48% overall lower total cost

Management

All application upgrades are done from our data center, giving all thin clients immediate access to that upgrade, without the need for complex roll-out plans or onsite service calls. Data is efficiently stored on the server and not on the individual PC. This provides for high availability and greater data integrity and security.

While this may sound like a new approach, Refresh has been successfully rolling out this solution for several years. We have found that thin clients are an ideal solution for the following industries:

- Financial Services
- Salons/spas/fitness
- Healthcare
- Education
- Restaurants
- Retail
- Industrial

Security

The thin client looks like a small PC, but has no mechanical components, such as fans and hard disks; no moving parts means extraordinarily reduced hardware failure rates, virtually 0%. With a thin client solution, all of the processing, storage, management and security are done centrally on the server. The devices are merely vehicles to the data, so data cannot be stolen via USB, CD or DVD. Furthermore, unauthorized data cannot be introduced, meaning possible attacks from the outside are virtually a thing of the past. Thin clients are a perfect choice for organizations affected by increased regulatory compliance laws such as HIPAA or Sarbanes-Oxley.

With mobile workplace scenarios, a server-centric solution is ideal. Remote users can login to their server based desktop from anywhere. Your data is highly accessible, yet securely housed on your server. Users in a construction or other production type settings can rely on their rugged design and the fact that they are mountable. Need a replacement? With low initial cost, lifespan exceeding 5 years, and quick deployment, replacement is no longer a major concern.



The Green Factor

With the global warming issue front and center, we all want to be environmentally conscious. The IT industry is stepping up in a big way these days. Here are just a few facts on the impact of Thin Clients on the environment versus the traditional PC:

- Thin client needs 1/4 the energy to run than the PC
- Thin clients weigh about 70% less than PCs
- Thin clients require 80% less transportation volume
- Smaller device=less waste
- The production of the Thin Client requires less resources and energy than the production of the PC

To find out more about how Refresh can help support your organization, call us at 704.374.0107 or email us at sales@refreshtechnologies.com.