

CASE STUDY

Increasing Security, Energy Savings, ROI Through Optimized Virtualization

A major global financial institution deployed Lakeside's SysTrack to realize significant cost savings and a successful VDI implementation

The Client

A major financial institution was looking to reduce the total cost of ownership (TCO) of their desktop environment, and began looking into virtualization of their desktop systems as a way to reduce TCO, increase security, and alleviate associated energy costs. An initial attempt was made to migrate a small sample set of physical systems, but resulted in unintended downtime and end-user complaints regarding system performance. With little or no insight into VDI projects or the metrics required for proper planning, the project was cancelled until a better understanding of how best to move forward could be determined.

The Challenges

- Clearly demonstrate a reduction in overall desktop cost
- Increase security of corporate information
- Previous VDI implementation failed
- Virtualize desktops without impacting end-user performance
- Lack of metrics made planning difficult

Objectives

- Realize return on investment (ROI) in a reasonable time frame
- Obtain metrics for all users, applications, and systems involved
- Highlight areas of concern to be considered for future migration or resolution
- Identify ideal candidates for immediate virtualization to realize rapid ROI
- Determine a VDI solution that does not impact users' performance

INDUSTRY

Global Banking

LOCATION

New York City, USA

KEY CHALLENGES

- Unintended downtime after virtualization attempt
- End-user complaints about system performance
- Poor insight into VDI projects and planning metrics

SOLUTION

Lakeside Software's SysTrack platform provided the reporting and planning tools to reduce IT costs and successfully prepare for a VDI implementation.



The Solution

Power Management

The IT staff realized the energy saving benefits that could be achieved through hands-off power management and immediately deployed Lakeside Software's SysTrack into the digital environment.

Lakeside's solution automatically analyzed user behavior and implemented power-saving schedules based on real-time workloads without impacting user and IT needs. From that first step, ROI was already in sight with a clearly articulated savings of almost \$10 per desktop, per month.

VDI Planning & Optimization

Because SysTrack had already begun collecting user, application, and system information to achieve power savings, it did not take long to see where their initial virtualization attempts had fallen short. By failing to recognize and understand user behavior and how it drives application resource requirements, they had magnified existing issues on their physical system by virtualizing them.

SysTrack collects and analyzes millions of data points from each and every system, providing consolidated views, what-if scenarios, and detailed user-session workload analysis.

VDI Modeling

Lakeside's digital experience management solution also provided VDI models needed to identify where potential issues existed and how best to group cooperative workloads so that projected Hypervisor resource demands could be determined, and hardware requirements calculated.

With the detailed reports provided by Lakeside's platform, a roadmap was developed that clearly defined the best path forward for their VDI project. Overall project risk was greatly reduced and adoption rates were increased.

Installation

The net effect of using Lakeside's solution was a dramatic increase in the institution ROI and the elevation of IT planning uncertainties faced by the organization. Within 30 days of implementation, the challenges had been solved and clear cost-reduction results were determined.

- Power planning documentation showed reduced environmental impact and bottom-line energy savings to further impact ROI.
- Reports revealed increased savings through virtualization by demonstrating which systems could be virtualized in the current implementation plan.
- A detailed migration plan outlined a proven process including a pilot and verification process to ensure smooth migration with minimal impact to end users.
- Analytical reports were attached to servers, complete with predicted performance metrics determined by real-world metrics and VM allocation plans.

About Lakeside

Lakeside Software is how organizations with large, complex IT environments can finally get visibility across their entire digital estate and see how to do more with less. For far too long, IT teams have struggled to see what's going on in their dark estate – where costly inefficiencies, poor employee experiences, and unresolved problems hide. Only Lakeside lets you give everyone a better view, so they can see the hidden issues, see the smartest fixes, and see the biggest savings. That's why so many of the world's leading global brands rely on Lakeside. And it's how our customers see an average ROI of more than 250%.

Lakeside. Give everyone a better view.™

Discover how to get the most out value out of Lakeside's SysTrack by **exploring more of our case studies.**

