# Huckabee

## ARCHITECTURE ENGINEERING MANAGEMENT

## ARCHITECTURE ENGINEERING MANAGEMENT

# Huckabee

**Case Study :** Huckabee Architecture, Inc.

How ClearCube ® Blade PCs and Citrix provide a unique "*Any Device, Anywhere, Anytime*" solution for one of the nation's top architecture and engineering firms.

**CLEARCUBE**

Huckabee, an architectural firm headquartered in Forth Worth, Texas, is deploying ClearCube Blade PCs in a unique way by using Citrix XenDesktop and VDA client to enable their architects and draftsmen the ability to work on their AutoCAD and Revit files from anywhere – office, home, and via mobile devices.

At Huckabee, our primary objective is "to provide our architects with the ability to get work done. That they can work anywhere is a really big deal to us," said Aaron Hall, Huckabee Senior Network Architect.

Huckabee first considered issuing high powered laptops to their 50+ engineers, but dismissed that approach after evaluating the cost to purchase them, secure them, encrypt the data on the hard drive, and manage revision control. The lack of security by using laptops was also a huge concern.

Autodesk's End User License Agreement specifies a one-to-one relationship between the licensee and his/her dedicated machine, which dictated the use of laptops, traditional PCs, or something better – Blade PCs. Even if shared environments were permitted in the licensing sense, we would not consider it for performance reasons, said Hall.

"We did our cost analysis and determined that ClearCube A Series Blade PCs with dedicated NVIDIA GPUs were in the same price range as powerful laptops, but they offered so much more in reduced administration costs, higher uptime, and complete security that we deployed more than 50 ClearCube Blade PCs in our datacenter," said Hall.

Huckabee chose XenDesktop because it was optimized for performance of their WAN connections that many of their architects use. They found that bandwidth consumption was only about 90k per connection. In addition, they found that the Citrix XenDesktop environment is easy to manage.

Autodesk, in particular, has very specific chipset requirements, which were satisfied by ClearCube's A Series Blade PCs. In addition, A Series supports the latest K2000 and K4000 GPU adapters. ClearCube's M Series supports double slot GPUs such as the K5000 and K6000 series.

*"We don't care what end point device the architects use. As long as they have the VDA client installed, they route to their own ClearCube Blade PCs and get a predictable host-rendered GPU accelerated experience," said Hall.*



Any Device, Anywhere, Anytime

Laptop — Soft Client
Smart Phone — Soft Client
Thin Client — Soft Client
Desktop — Soft Client
Tablet — Soft Client

Citrix XenDesktop
Citrix Delivery Controller
VDA — Windows OS

50 – A6106 Blade PCs In 30 U Rackspace
5 – A3100 Chassis
Existing Network Infrastructure
NW User Data
NVIDIA Quadro K2000 1 per blade