

DATA CENTER USE-CASE and TESTIMONIAL



NUTANIX and Econnected Data

EconnectData is a core boutique Tier 3 Data Center in Bloomsburg, PA. The data center boasts 2500 square feet of fully redundant power and Rack space. The racks are not open to the public for walk-in but are secured and only hosted services are provided. The provided services include e-mail, server hosting, anti-spam, hosted backup, and more. The core services hosted environment spanned 3 racks of SANS, servers, and supporting technology. The challenge to the EconnectData center was to reduce the footprint and electricity consumption while also increasing performance.



The Challenge

Typical to all data centers... rising energy prices, space, aging infrastructure. In addition, customers have increased performance and security concerns.



The Solution

Partnering with ECXSystems, EconnectData deployed a single Nutanix cluster with 3 nodes, 1.5TB RAM, 72 CPU, 40TB Storage on a VMWare platform as a replacement for 1.5 rack containing 3 SANS and 40U of Dell Servers. The resulting Nutanix design provided a footprint of less than 2U running 215 VMs.

The Result

The ECX Team pioneered the migration plan to the Nutanix cluster with zero downtime to the customer. Econnected realized the following benefits:

- a doubling of available storage and RAM
- achieving a footprint reduction due to 2.7:1 compression and deduplication
- major boost in performance and capacity
- a reduction of 2/3 electrical bill (over \$1,100 per month)

TESTIMONIAL

We have been relying on the ECXSystems team since 2008. Their core partnership has enabled our data center to grow our business over 1000%. The ECX Team has been and always will be our only goto technology solution provider and consulting group!

As always, way to go guys!

John Klinger, President