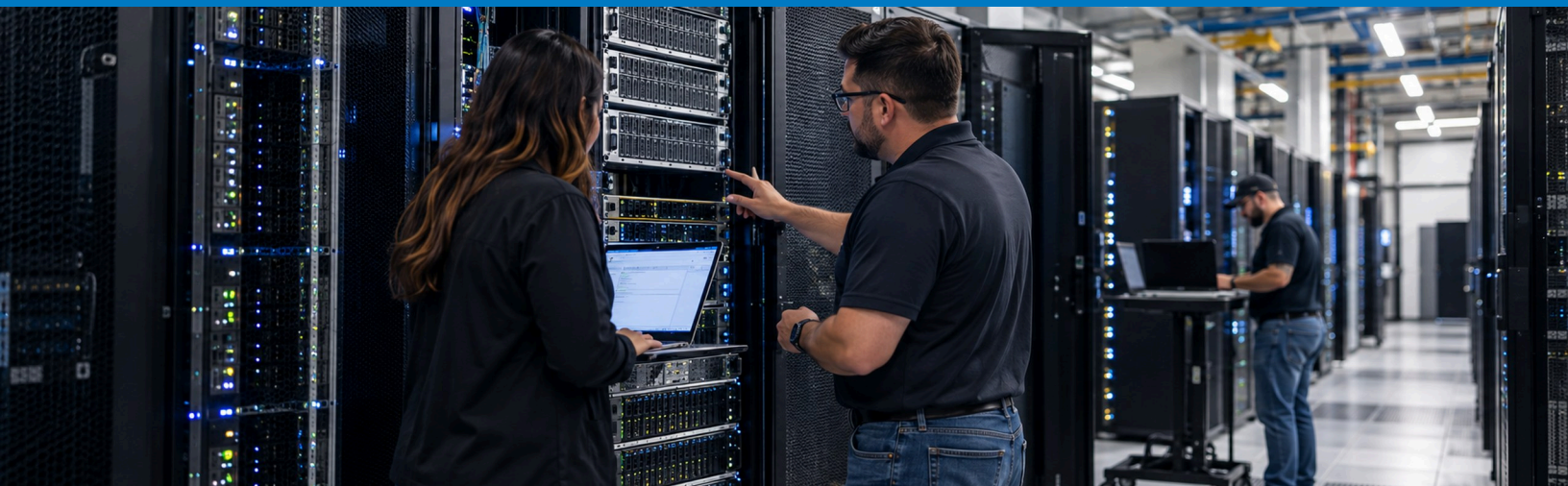




CASE STUDY · HIGHER EDUCATION

A Texas university refreshes its infrastructure to bring two institutions together.

Combining IT systems with a partner institution required a full infrastructure refresh with minimal downtime. Weaver designed and delivered new Dell production and VDI clusters running VMware.



CUSTOMER

Public Research University,
East Texas

INDUSTRY

Higher Education

PARTNERS

Dell Technologies
VMware

PROJECT TYPE

Infrastructure
and VDI refresh

THE CHALLENGE

Two institutions, one IT environment.

The university is a public research university in Texas, recognized for high-quality education and for fostering innovation in its region.

The university was consolidating with a partner institution, and the IT systems of both had to be integrated to ensure continuity and improve overall efficiency. That meant a significant infrastructure refresh.

Existing infrastructure had to be replaced with minimal downtime, so university operations and the partner institution could continue without disruption during the transition.

THE STARTING POINT

2 institutions

IT systems that had to be integrated into one environment

Full refresh

Existing infrastructure replaced to support the consolidation

Minimal downtime

The requirement for university operations throughout

THE APPROACH

The Weaver Way: solution-driven, not product-driven.

Weaver, in partnership with Dell Technologies, was selected for its subject matter expertise and HUB credentials. The team worked through careful design with the university, reached agreement on the final build, and planned a migration that would keep downtime to a minimum for both institutions.

PROJECT CAPABILITIES

IT infrastructure design and implementation

Data center solutions

Virtual Desktop Infrastructure (VDI)

Dell PowerEdge MX and PowerStore

VMware virtualization

Migration planning with minimal downtime



The right solution starts with the client's needs, not a product. A solution-driven approach means each client's unique challenges are met with effective IT strategy.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

Dell compute and storage for production and VDI.

Weaver designed a robust Dell server and storage solution with two matched platforms, all running VMware.

PRODUCTION

PowerEdge MX and PowerStore

A production cluster built on Dell PowerEdge MX blade servers with a PowerStore storage array.

DESKTOPS

VDI on MX and PowerStore

A dedicated virtual desktop infrastructure on a second PowerEdge MX with PowerStore.

PLATFORM

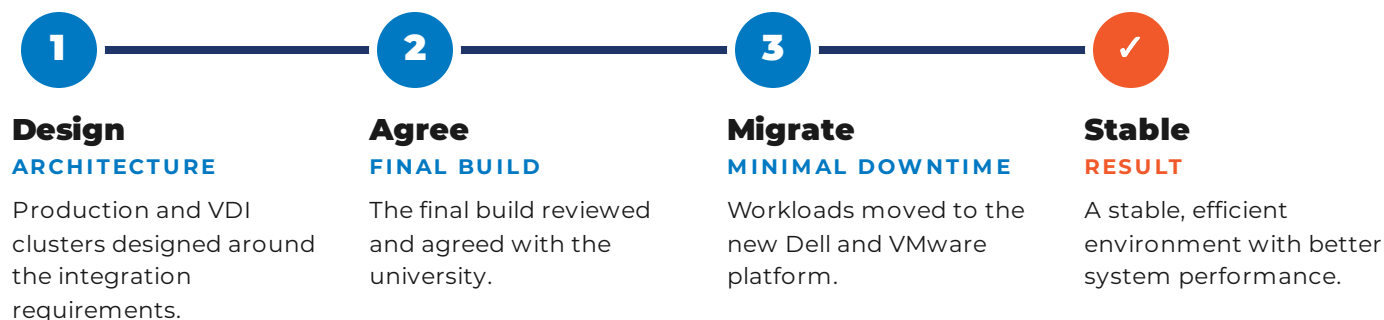
VMware

VMware across both clusters, supporting a seamless migration and simpler lifecycle management.

THE RIGHT TIME

Planned carefully, migrated with minimal downtime.

The project was planned and executed over several months. Careful design and agreement on the final build came first, followed by a migration that kept downtime to a minimum and gave both the university and the partner institution a smooth transition.



OUTCOMES

Stable, efficient infrastructure from day one.

The new data center technologies gave the university a stable and efficient IT infrastructure. The improvement was immediate, with reduced downtime and better system performance. Over time, the platform is expected to offer better lifecycle management and require minimal IT oversight.

■ Integrated IT for both institutions	■ Reduced downtime	■ Enhanced system performance
■ Better lifecycle management	■ Minimal ongoing IT oversight	■ A scalable Dell and VMware foundation

THE RIGHT REASON

Aligned to the client's needs

Weaver built the solution around what the university and the partner institution actually required, not a predefined product set.

The right credentials and partners

Subject matter expertise, HUB credentials and Weaver's Dell Titanium partnership made Weaver a strong fit for the project.

A COMMON CHALLENGE IN HIGHER EDUCATION

When institutions consolidate or affiliate, their IT environments rarely line up. A planned infrastructure refresh, designed and agreed before migration begins, is often the most reliable way to bring systems together without interrupting operations.

Bringing IT environments together?

Weaver can assess both environments and design a refresh and migration plan that keeps downtime to a minimum.

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ABOUT WEAVER

Dell Titanium Partner. Since 2006, Weaver has helped organizations build IT strategy and security so they can focus on their craft. We serve education, state and local government, healthcare and commercial customers across the U.S. and internationally.

WEAVER

**Right IT Solution.
Right Time. Right Reason.**