



CASE STUDY · HIGHER EDUCATION

A Texas university refreshes production, DR and VDI with zero disruption.

End-of-life hardware was putting critical workloads at risk. Weaver refreshed the university's hyperconverged infrastructure, backup, NAS and virtual desktops over eight months, inside its change control windows.



CUSTOMER

Public University,
South Texas

INDUSTRY

Higher Education

PARTNERS

Dell Technologies
VMware

PROJECT TYPE

Data center
and VDI refresh

THE CHALLENGE

End-of-life hardware under every critical workload.

The university is a Texas public university. Its data center carried the production environment, disaster recovery systems and Virtual Desktop Infrastructure (VDI) that students, faculty and staff depend on.

That hardware had reached end-of-life, putting critical workloads and services at risk. With production, DR and VDI all in scope, the university needed a complete overhaul that would improve performance, redundancy and reliability.

The work also had to follow strict internal change controls and project timelines, alongside other IT initiatives already underway on campus.

THE STARTING POINT

End-of-life

Data center hardware supporting critical workloads and services

3 environments

Production, disaster recovery and VDI, all in scope at once

Zero disruption

The standard the refresh had to meet under strict change control

THE APPROACH

The Weaver Way: full-stack, full accountability.

Weaver built a full-stack modernization strategy around Dell's latest infrastructure. The team owned every stage, from architecture and planning to deployment and testing, and refreshed the hyperconverged infrastructure, backup systems, NAS and virtual desktop environment. Each step was aligned with the university's change control windows and its other concurrent IT projects.

PROJECT CAPABILITIES

Hyperconverged infrastructure design and refresh	Virtual Desktop Infrastructure (VDI) strategy	Disaster recovery and backup planning
Dell NAS and backup appliances	Full project lifecycle execution	Higher education IT modernization



We treat our customers' workloads like our own. This project was about helping a university operate with confidence, knowing its most vital systems run on resilient, modern infrastructure.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

A modern, fully redundant Dell and VMware stack.

Weaver replaced aging equipment across production, DR and VDI with current Dell infrastructure and VMware, designed, deployed and tested end to end.

COMPUTE

Dell hyperconverged infrastructure

A refreshed hyperconverged platform for production and disaster recovery workloads, with full system redundancy.

PROTECTION

Dell NAS and backup appliances

Modern backup and file storage, with failover capability across Dell and VMware.

DESKTOPS

VMware VDI

A refreshed virtual desktop environment with higher performance for the people who rely on it.

THE RIGHT TIME

Eight months, on schedule, without an outage.

Weaver executed the full deployment over eight months, working within the university's change order process and outage scheduling. Despite competing initiatives across campus, the solution was delivered on time and without service disruption.

1

Architect DESIGN

Full-stack design for production, DR and VDI on current Dell infrastructure.

2

Plan CHANGE CONTROL

Work sequenced to the university's change windows and outage schedule.

3

Deploy and test MIGRATION

Hyperconverged, backup, NAS and VDI deployed, tested and migrated.

✓

Complete 8 MONTHS

Delivered on time with zero service disruption.

OUTCOMES

Resilient infrastructure, delivered without disruption.

The university now runs fully redundant, modern infrastructure with higher performance across production, DR and VDI. Migration from the legacy systems was seamless, disaster recovery readiness improved, and the project gives other universities a proven model for refreshing critical workloads with minimal risk.

■ Improved performance for production, DR and VDI	■ Reduced risk through full redundancy	■ Failover capability with VMware and Dell
■ Seamless migration from legacy systems	■ Delivered with zero disruption	■ A scalable model for other universities

THE RIGHT REASON

Care with mission-critical systems

The university needed a partner who would handle critical environments with precision, and Weaver took full accountability at every stage.

Proven on complex deployments

Weaver was selected for deep industry expertise and a strong track record executing complex infrastructure projects.

A COMMON CHALLENGE IN HIGHER EDUCATION

Universities often run production, disaster recovery and virtual desktops on hardware that ages out at the same time. Refreshing all three without an outage depends on careful sequencing around change control and the academic calendar.

Hardware nearing end-of-life?

Weaver can review your data center and VDI environment and map a refresh plan that fits your change windows.

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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.**