



CASE STUDY · K-12 EDUCATION

A school district refreshes production and DR on a budget-aligned design.

Aging production and disaster recovery environments were costly to maintain, and the IT team was stretched thin. Weaver delivered a right-sized Dell and VMware refresh with lifecycle management built in.



CUSTOMER

Public School District,
Central Texas

INDUSTRY

K-12 Education

PARTNERS

Dell Technologies
VMware

PROJECT TYPE

Production and DR
refresh

THE CHALLENGE

Two aging environments and a small team to run them.

The district is a Texas public school district serving thousands of students and staff across multiple campuses. It depends on reliable infrastructure for administrative systems, digital learning tools and secure data, while balancing budget limits and limited in-house IT resources.

Its production and disaster recovery environments were running on outdated infrastructure that had become difficult and costly to maintain.

The team lacked the bandwidth and technical staff to carry out a modern replacement on its own. It needed a low-cost, low-complexity solution that wouldn't require the team to keep the lights on manually.

THE STARTING POINT

Prod + DR

Both environments on outdated, costly-to-maintain infrastructure

Small team

Limited bandwidth and technical staff for a replacement project

Tight budget

A modern design had to fit K-12 budget limits

THE APPROACH

The Weaver Way: right-sized and built to run itself.

Weaver designed and implemented a right-sized infrastructure refresh tailored to K-12 IT demands. The design emphasized automation, simplified lifecycle management and seamless integration with the district's existing VMware ecosystem, reducing the day-to-day burden on the internal team.

The result is a VxRail-style, lifecycle-managed experience built on Dell PowerEdge, PowerStore and PowerSwitch, sized to the district's budget.

PROJECT CAPABILITIES

Infrastructure modernization	Disaster recovery planning	Server and storage refresh
VMware virtualization	Weaver ELM lifecycle management	Dell and VMware solution architecture



This is what we mean by ‘build smart.’ With ELM and the right design, we gave this district a modern DR and production environment.

SOLUTIONS ARCHITECT · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

Matched Dell environments for production and DR.

Weaver replaced both the production and DR environments with a flexible design built for cost efficiency and simplicity, with full replication and failover between them and a 3-2-1 architecture.

COMPUTE

(8) Dell PowerEdge R660

Servers for production and DR, running VMware Cloud Foundation (VCF).

STORAGE AND NETWORK

(2) PowerStore 500T, (4) PowerSwitch S5224

Storage and switching designed for full replication and failover between environments.

LIFECYCLE

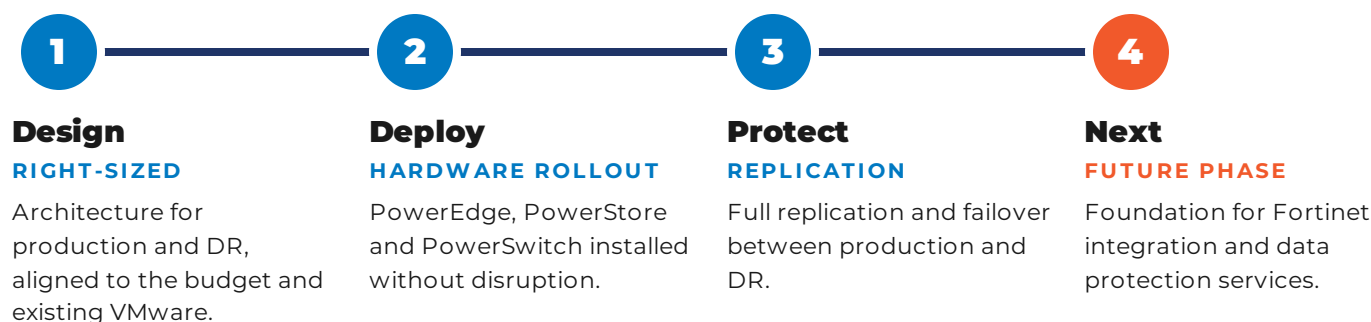
Weaver ELM services

Lifecycle management that keeps the environment current without adding to the team’s daily workload.

THE RIGHT TIME

Rolled out without disruption.

The hardware rollout was smooth and well coordinated, and Weaver’s ability to implement without disruption was key to building long-term trust with the IT staff. Remaining execution details are being finalized with the project management team.



OUTCOMES

A modern environment the team can manage.

The district moved off legacy infrastructure to a cost-effective, modern design across both production and DR. The risk of aging hardware failure is lower, the team spends less time on daily IT management, and the environment is ready for future Fortinet integration and data protection services.

■ Cost-effective infrastructure modernization	■ Performance upgrade across production and DR	■ Reduced risk of aging hardware failure
■ Less time on daily IT management	■ DR readiness with replication and failover	■ Foundation for Fortinet and data protection

THE RIGHT REASON

Tailored, affordable and built to grow

By pairing ELM with a 3-2-1 architecture, Weaver delivered a VxRail-style experience sized to what the district could spend.

A long-standing relationship

Weaver was selected for a long-standing relationship, a reputation for education-ready solutions and a clear understanding of the district's constraints.

A COMMON CHALLENGE IN TEXAS K-12

Many districts run production and DR on infrastructure that has outlived its support, with IT teams too small to plan a replacement on top of daily work. A right-sized design with lifecycle management built in can modernize both without adding to the team's load.

Are production and DR both aging out?

Weaver can review your environment and design a refresh that fits your budget and your team's capacity.

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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.