



CASE STUDY · K-12 EDUCATION

A school district builds cyber resiliency and can now recover in hours, not weeks.

Firsthand experience with ransomware showed the district it needed real cyber resiliency. Weaver and Dell Technologies delivered an isolated recovery platform, faster daily backups and a tested failover plan.



CUSTOMER

Public School District,
South Texas

INDUSTRY

K-12 Education

PARTNERS

Dell Technologies

PROJECT TYPE

Cyber Resiliency
and Data Protection

THE CHALLENGE

Ransomware risk and a need to recover faster.

This Texas public school district serves students and staff across multiple campuses and administrative sites.

Like many Texas districts, the district had seen firsthand what ransomware can do. The experience made clear how much the district’s educational operations depend on the security and availability of student and staff data.

The district needed a sophisticated cyber resiliency and data protection solution: one that could keep critical data safe, recover it quickly after an attack and keep teaching and administration running.

THE STARTING POINT

Weeks

Potential recovery time after an attack under the old approach

Weeks

How long recovery could take without a modern recovery platform

Student data

Student and staff records that had to stay secure and available

THE APPROACH

The Weaver Way: resiliency built with Dell Technologies.

Weaver partnered with Dell Technologies to design a cyber resiliency solution tailored to the district’s needs. The team brought experience across city and state government agencies, commercial clients and schools, and combined deep cybersecurity expertise with a collaborative, client-focused approach.

PROJECT CAPABILITIES

Cyber resiliency and data protection	Dell PowerProtect Cyber Recovery	Network infrastructure design and implementation
Backup and recovery solutions	Failover testing	Managed services



Weaver is committed to solutions that align precisely with each client's needs. This project shows what that looks like: a district that can protect its data and recover quickly when it matters.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

A Dell cyber recovery platform on a modern foundation.

Weaver implemented a cyber resiliency platform from Dell Technologies, supported by hyperconverged infrastructure and virtual desktops across the district.

ISOLATE

Dell PowerProtect Cyber Recovery

A protected recovery environment that keeps clean copies of critical data out of an attacker's reach.

PROTECT

PowerProtect DP and Avamar

Dell PowerProtect DP series appliances and the Dell Data Protection Suite with Avamar for daily backup.

RUN

Dell VxRail and Omnisia Horizon

Hyperconverged infrastructure and virtual desktop infrastructure supporting the district environment.

THE RIGHT TIME

Reviewed, deployed and thoroughly tested.

The project began with a thorough review of the district's cybersecurity needs. Weaver then planned and deployed the Dell Technologies solutions, configured the network and put comprehensive backup and recovery in place. Extensive testing followed, including a successful failover test with 400 users on the backup ISP.

1

Review

SECURITY NEEDS

A thorough review of the district's cybersecurity and recovery needs.

2

Deploy

DELL PLATFORM

Cyber Recovery, PowerProtect, Avamar and network configuration.

3

Test

400-USER FAILOVER

A successful failover test with 400 users on the backup ISP.



Recover

HOURS, NOT WEEKS

Ransomware recovery time cut from weeks to hours.

OUTCOMES

Recovery in hours, backups in two.

With the new platform in place, the district can recover from a ransomware attack in hours rather than weeks. Daily backups are streamlined and typically finish in two hours or less, and the IT team can quickly restore lost files, keeping disruption to classrooms and administration to a minimum.

■ Ransomware recovery in hours	■ Daily backups in two hours or less	■ Fast recovery of lost files
■ Tested failover to a backup ISP	■ Protected student and staff data	■ Continuity for educational operations

THE RIGHT REASON

Solutions that fit the client

Weaver focuses on the specific challenges each client faces. For this district, that meant a recovery platform sized to protect its data and restore operations quickly.

Backed by our partnership with Dell

Weaver's strategic partnership with Dell Technologies made it possible to deliver a comprehensive, reliable cyber resiliency solution.

A COMMON CHALLENGE IN TEXAS K-12

School districts hold large amounts of sensitive student and staff data, which makes them frequent ransomware targets. Prevention matters, but the ability to recover clean data quickly is what keeps classrooms running after an incident.

How fast could you recover today?

Weaver can review your backup and recovery environment and help you build a plan to recover with confidence.

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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.**