



CASE STUDY · COMMERCIAL

Krypton Solutions connects its U.S. and India operations with two synchronized data centers.

A single, centralized data center was slowing coordination between teams on two continents. Weaver designed and deployed a dual data center solution in Plano, Texas and Bangalore, India, with disaster recovery built in.



CUSTOMER

Krypton Solutions

INDUSTRY

Aerospace
Manufacturing

PARTNERS

Dell Technologies
VMware
Druva

LOCATIONS

Two in the U.S.
One in India

THE CHALLENGE

One data center serving teams on two continents.

Krypton Solutions is a major aerospace manufacturer with two locations in the United States and one in India. All of its infrastructure was centralized in Plano, Texas.

That design created operational delays between the American and Indian locations. Teams in India worked across a long distance to reach systems in Texas, and coordination between regions suffered.

The goal was clear: improve performance and efficiency across all three sites with a redesigned IT infrastructure that could support Krypton's growth.

THE STARTING POINT

1 site

All infrastructure centralized in Plano, Texas, serving every location

2 continents

Teams in the U.S. and India depending on the same systems

Delays

Performance problems slowing coordination between regions

THE APPROACH

The Weaver Way: bring the data closer to the work.

Weaver brought experience managing diverse IT environments at international scale and handling cross-border projects. The team designed a dual data center solution, one in Plano, Texas and one in Bangalore, India, with synchronization and replication between them to improve inter-regional coordination and performance.

PROJECT CAPABILITIES

Global IT infrastructure design

Data center synchronization and replication

Dell PowerEdge and PowerStore

VMware Site Recovery Manager

Dell APEX Backup Services powered by Druva

Disaster recovery and cloud backup planning



Weaver is dedicated to understanding each client's unique IT challenges. This project reflects our focus on customized, impactful solutions and long-term client success over immediate product sales.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

Two matched data centers, synchronized and protected.

Weaver deployed the same Dell platform at both sites so each region runs on local infrastructure while data stays synchronized between them.

COMPUTE AND STORAGE

Dell PowerEdge and PowerStore

Deployed at each data center. PowerStore's 4:1 data reduction provides the storage and IOPS headroom for the next 5 to 7 years.

DISASTER RECOVERY

Native sync and VMware SRM

PowerStore native synchronization and VMware Site Recovery Manager streamlined the DR plan across both sites.

BACKUP

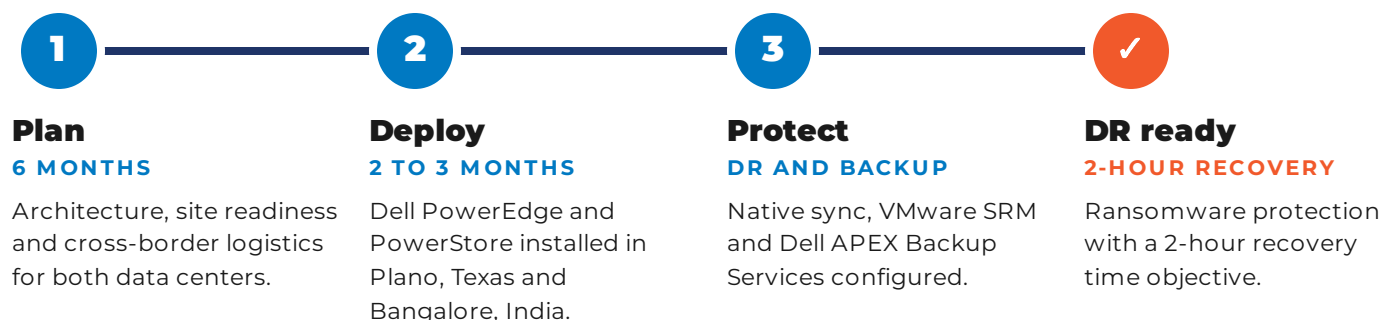
Dell APEX Backup Services

Cloud backup powered by Druva for comprehensive protection and stronger data security.

THE RIGHT TIME

A global rollout, planned carefully and delivered on schedule.

The project spanned six months of planning and two to three months of deployment. Careful planning up front kept the cross-border rollout on time and avoided disruption to operations on either continent.



OUTCOMES

99.999% uptime across two continents.

After implementation, Krypton Solutions achieved 99.999% network uptime, with clear gains in operational efficiency, communication and data security. Operational delays between regions dropped, and the new design adds the resilience and scalability to support Krypton's growth and expansion plans.

■ Enhanced global coordination and performance	■ Reduced operational delays	■ 99.999% network uptime
■ Disaster recovery with 2-hour recovery time	■ Ransomware protection and cloud backup	■ Scalability for 5 to 7 years of growth

THE RIGHT REASON

Built for the long term

Weaver focused on the client's long-term success rather than an immediate sale, sizing the platform to carry the business for years.

Backed by our partnership with Dell

Weaver's Dell Titanium partnership brought the right platform and support to a complex, international deployment.

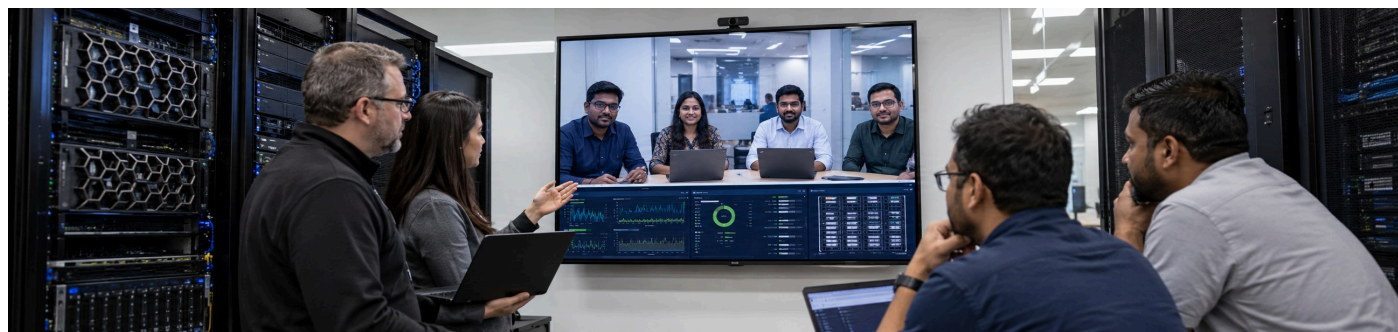
A COMMON CHALLENGE IN GLOBAL MANUFACTURING

Manufacturers that grow into new regions often keep running on infrastructure designed for a single site. Moving data closer to each team, while keeping it synchronized and protected, is how they keep performance and resilience in step with growth.

Growing across regions?

Weaver can assess where your infrastructure is slowing teams down and design a multi-site plan that fits.

sales@weavertech.us
(855) IT-WEAVER
weavertech.us



WEAVER

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.

Right IT Solution.
Right Time. Right Reason.