

CASE STUDY

Streamlining Global IT Operations for Aerospace Manufacturer Krypton Solutions

COMPANY SNAPSHOT

Industry: Aerospace Manufacturing

Krypton Solutions, a major aerospace manufacturer, operates across two locations in America and one in India, playing a significant role in the aerospace industry.

THE CHALLENGE

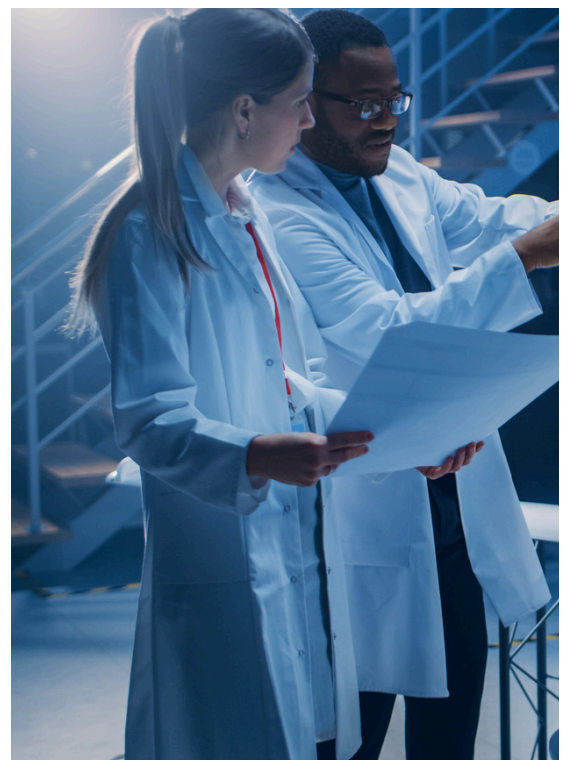
Krypton Solutions faced delays due to a centralized infrastructure in Plano, TX, affecting operations between their American and Indian locations. The goal was to enhance performance and efficiency through a redesigned IT infrastructure.

THE WEAVER ADVANTAGE

Weaver Technologies, with our proven expertise in complex IT solutions, was the ideal choice for Krypton Solutions. Our experience in managing diverse IT environments, including those on an international scale, equipped us to adeptly handle the intricate cross-border challenges presented in this project. Our adaptable and innovative approach to technology implementation, combined with a keen understanding of varied industry requirements, enabled us to effectively meet the specific needs of Krypton Solutions, showcasing our capability to deliver high-quality IT solutions globally.

PROJECT CAPABILITIES SHOWCASE

- Global IT Infrastructure Design
- Data Center Synchronization and Replication
- Advanced Server and Storage Solutions
- Disaster Recovery and Cloud Backup Planning
- Achieved Disaster Recovery Readiness with ransomware protection and a 2-hour recovery time (RPO/RTO)



WHY WEAVER?

Our specialized skills in IT solutions and deployment, particularly in synchronizing and replicating data centers globally, were instrumental in solving Krypton's performance challenges. We designed a dual data center solution, one each in Plano, TX, and Bangalore, India, significantly improving inter-regional coordination and performance.

THE RIGHT IT SOLUTION: DELL POWEREDGE SERVERS AND POWERSTORE STORAGE

By deploying Dell PowerEdge servers and Dell Powerstore Storage Arrays at each data center, we leveraged these technologies for their exceptional performance and dependability. Powerstore's 4:1 Data Reduction Ratio provided Krypton with enough storage and IOPS performance to sustain them for the next 5-7 years.

The Powerstore's native sync and VMWare Site Recovery Manager streamlined Krypton's disaster recovery plans, while Dell APEX Backup Services, powered by Druva, ensured comprehensive cloud backup and heightened data security.

THE RIGHT TIME: EXECUTION

The project spanned 6 months of planning and an additional 2-3 months for deployment, showcasing our ability to handle the complexities of a global rollout while maintaining timely and efficient delivery.

Advancing Aerospace Excellence with Customized Technology Solutions

At Weaver Technologies, we specialize in transforming IT infrastructures to meet the specific needs of industries like aerospace manufacturing.

Our approach combines top-tier talent, innovative processes, and the latest technologies to deliver solutions that are secure, robust, scalable, and ready for future growth.

Our commitment to our clients extends beyond deployment, ensuring that our solutions support their long-term success and expansion.



OUTCOMES

Post-implementation, Krypton Solutions experienced a remarkable 99.999% network uptime, marking a significant leap in operational efficiency, communication, and data security.

Our solutions not only diminished operational delays but also bolstered resilience and scalability, aiding Krypton's ongoing growth and expansion initiatives.

THE RIGHT REASON

Weaver Technologies is committed to understanding and addressing the unique IT challenges of our clients. This project with Krypton Solutions, supported by our strategic partnership with Dell, showcases our dedication to providing customized, impactful IT solutions, focusing on long-term client success over immediate product sales.

WHERE CAN THE RIGHT IT SOLUTION TAKE YOUR ORGANIZATION?

Unfold the possibilities with Weaver Technologies. As a comprehensive IT solutions provider, we partner with diverse industries, turning challenges into success stories.

LEARN MORE ABOUT OUR TRANSFORMATIONAL IT SOLUTIONS HERE!

The Right IT Solution

We focus on creating the Right Solution for our customers. You will never find us pushing unneeded products.

The Right Time

We believe the Right Time will reveal itself if we take a patient and deliberate approach. We don't believe in pushy tactics.

The Right Reason

We believe integrity is real, that it is valuable and it's all about doing things for the Right Reason – the only way we know how.

KEY BENEFITS

- Enhanced Global IT Coordination and Performance
- Reduced Operational Delays, Increased Efficiency
- 99.999% Network Uptime Achieved
- Customized Disaster Recovery and Cloud Backup
- Tailored Solutions for Scalability and Growth