



AWS SUCCESS STORY

CLOUD NETWORKING



Cedar Electronics Corporation is a global supplier of connected automotive and consumer electronics solutions, and home of industry-leading brands, Cobra Electronics and ESCORT. Cedar's ever-expanding family of products includes connected radar/laser detectors, smart dash cams, CB and marine radios, portable power solutions, and driver alert applications. Located in Chicago, Illinois, their flagship products are their intelligent, sensor-based devices and network platform to capture and share real-time alerts fueled by a rapidly growing driver community.

CUSTOMER CHALLENGE

Cedar was looking to move from two of their data centers into AWS in a six-week time frame. The motivation for the move was to limit costly fees for the data center usage and consolidate resources to be more easily managed. The requirements included maintaining private connectivity to two other offices and a third-party vendor via VPN tunnels. The final network IP schemes needed to match their current



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on-premises network exactly as changing the IPs for the underlying applications was not an option. A single, consolidated entry point into AWS was desired for all remote sites so the management of traffic could be centralized.

PARTNER SOLUTION

Innovative Solutions migrated to their AWS environment using CloudEndure with a third VPC as a landing zone. The cut over of each data center required a two-week separation, so planning had to incorporate this to allow consistent traffic during the entire process. Innovative Solutions deployed a Transit Gateway to route Traffic across both VPCs in AWS as well as to the third-party vendor VPC, in another AWS region, and the two on-premises office locations, through VPN Tunnels. Both office locations can continue working with the servers in both VPC's as well as the third-party vendor's VPC. Routing on-premises terminates the VPN through two different firewall vendors, Sophos and Cisco Meraki, which both functions seamlessly with AWS Site-to-Site VPN.

RESULTS AND BENEFITS

Cedar Electronics was able to retire unsupported equipment in both data centers and consolidate/standardize into a single AWS Region. All remote sites were able to continue working with their applications with minimal interruption and without changing application-level code or connections.

WHO IS INNOVATIVE SOLUTIONS

Visit our website at **www.innovativesol.com** or call us at **(585) 292-5070** to learn more about our services and capabilities.



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