



FAA – Dallas-Fort Worth, TX

When Bob Rein, Network Engineer for the FAA Dallas-Fort Worth, TX office learned that staffing in the CAD department was about to increase by 200 people, he quickly realized the current network infrastructure would need an upgrade. The LAN extension connecting the CAD department to the main building could not support the exponential amount of data-intensive traffic expected to travel over the network.



Fiber was quickly ruled out due to the expense and logistical complications associated with its installation. Additional T1 lines and other transmission solutions were also ruled out as they did not provide the sufficient speeds necessary to accommodate the copious amounts of data needed to support file sharing, email traffic, and video conferencing.



Upon learning that the FAA-Seattle office had deployed BridgeWave's gigabit Ethernet links to handle their network needs, Bob concluded that the same setup would support his efforts. BridgeWave's gigabit wireless links were selected for their ability to provide the full-rate gigabit connections needed to meet the CAD department's requirements. With BridgeWave's solution, the FAA obtained the fiber-like network connectivity needed to address their needs today, with room to grow in the future.

CHALLENGES:

- Deliver high-speed connectivity to support increase in staffing, from approximately 100 to 300 CAD users
- Replace two T1 lines that could not handle the deluge of data traffic
- Support data-intensive file sharing, email, and video conferencing

BRIDGEWAVE SOLUTION:

- Two AR60, 60 GHz AdaptRate links

BENEFITS:

- Set up in days to meet tight deadline
- AdaptRate technology allows for continuous operation during inclement weather

"The AR60s have been running for not quite a year-and-a-half and we've not had any major outages. I set up the system in a redundant configuration, so there is fail over built in and that works well."

**- Bob Rein,
Network Engineer
FAA – Dallas FSDO**

© 2010 BridgeWave Communications, Inc. All rights reserved. BridgeWave, FlexPort, the BridgeWave logo, AdaptRate and Adapt-Path are trademarks of BridgeWave Communications in the United States and certain other countries. All other brands and products are marks of their respective owners. 04/10

