



Aviat Networks, Inc. and RFS were tasked with supporting the backhaul needs for a nationwide, rural 4G LTE rollout.

DRIVING EXPANSION across the United States.

*places / areas represented on this map are an abstract representation of additional coverage.

RFS and Aviat Enable Top Tier Network Expansion

Americans' dependence on high-speed wireless communications continues to escalate with 2/3 of adults now owning smartphones, and more and more consumers moving their digital media libraries to the cloud.

People expect the ability to wirelessly transfer files and stream video and high-quality music on mobile devices without a hitch. Only true 4G LTE service can realistically deliver the necessary data speed and capacity to satisfy consumers' growing appetites for mobile media consumption. For wireless carriers, keeping up with demand requires a steady infusion of infrastructure technology nationwide, even in remote areas where cellular service has historically been inconsistent.

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Aviat Networks, Inc. was hired by a Tier 1 North American carrier to support its backhaul needs for a nationwide, rural LTE rollout. This comprehensive expansion of the carrier's 4G LTE network will ultimately bring best-in-class wireless service to 300 million customers throughout the US. An extremely aggressive plan was imposed for installing the network infrastructure, which includes Aviat's CTR 8540 and CTR 8312 microwave solutions as well as ODU 600 split-mount radios and Aviat's ProVision network management system – within only a few months.

Aviat worked closely with Radio Frequency Systems (RFS) as its partner to supply microwave antennas within the demanding time-frame. The two companies had worked together on many projects before and established a successful and positive relationship.

“Securing the business of a Tier 1 carrier is fiercely competitive and with a project like this, one misstep can cost us the contract,” said Neal Salzman, senior director, service provider sales at Aviat Networks. “RFS worked very closely with us to ensure we delivered on our joint commitments to a very important customer. We were impressed with the way RFS navigated the challenges presented and kept us and our customer apprised every step of the way.”

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– Neal Salzman, Aviat Networks

Before mass deployment could begin Aviat Networks had to conduct a field trial that was successfully completed with RFS antennas. Once the equipment was qualified, a bulk order was placed for a large quantity of microwave antennas. These were produced and shipped in stages, to keep each site installation supplied with the necessary equipment as the massive deployment progressed.

Aviat selected RFS CompactLine® and CompactLine® Easy microwave antennas for the system deployment. CompactLine Easy microwave antennas are specifically designed for ease of use in network design, transport, deployment, installation and upgrade. The tight schedule demanded high-performance antennas with this kind of flexibility.



ABOUT AVIAT NETWORKS

Aviat Networks, Inc. (NASDAQ: AVNW) is a leading global provider of microwave networking solutions transforming communications networks to handle the exploding growth of IP-centric, multi-Gigabit data services. With more than one million systems sold in over 140 countries, Aviat Networks provides LTE-proven microwave networking solutions to mobile operators, including some of the largest and most advanced 4G/LTE networks in the world. Public safety, utility, government and defense organizations trust Aviat Networks' solutions for their mission-critical applications where reliability is paramount. In conjunction with its networking solutions, Aviat Networks provides a comprehensive suite of localized professional and support services enabling customers to effectively and seamlessly migrate to next-generation Carrier Ethernet/IP networks. For more than 50 years, customers have relied on Aviat Networks' high performance and scalable solutions to help them maximize their investments and solve their most challenging network problems. Headquartered in Santa Clara, California, Aviat Networks operates in more than 100 countries around the world.

For more information, visit www.aviatnetworks.com or connect with Aviat Networks on Twitter, Facebook and LinkedIn.

RFS' CompactLine antennas are specifically designed for ease of use in network design, transport, deployment, installation and upgrade.

CompactLine antenna options provide network providers with more choices to meet the ever-changing demands of their subscribers for high-performance applications. Their low profile, deep dish reflector design and compact mount makes them very easy to deploy and results in a very low weight configuration. Their compact design reduces packaging volume, lowering transportation costs, and requires 20 percent less effort for installation compared to competitive options. CompactLine antennas are future-ready and can be easily upgraded from single to dual polarization in the field.

Meeting the customer's need for a large quantity of equipment in a very short time meant calling upon the companies' global resources. RFS was able to source products from its factories in Brazil and France as well as the US to get them shipped where they were needed, in short order.

“We appreciated the opportunity to be part of such an exciting and significant project. As a qualified supplier for Aviat, we understood the importance of making sure everything went according to plan,” said Asad Zoberi, key account manager, RFS. “We are pleased to say that, thanks to our extensive experience and global presence, we were able to meet both Aviat's and their Tier 1 customer's expectations by delivering the needed products in the specified timeframe.”



RADIO FREQUENCY SYSTEMS
The Clear Choice®

ABOUT RFS

Radio Frequency Systems (RFS) is a global designer and manufacturer of cable, antenna and tower systems, as well as active and passive RF conditioning modules, providing total-package solutions for outdoor and indoor wireless infrastructure. RFS serves OEMs, distributors, system integrators, operators and installers. Its customers currently include the four largest wireless carriers, the majority of tier 2 and 3 wireless carriers in North America and many of the top wireless and microwave OEMs worldwide.

For more than 70 years, RFS has provided its customers world-class service that today is backed by a global presence of nine manufacturing facilities worldwide and sales and technical support centers in 23 countries. RFS offers advanced engineering capabilities, superior field support, and expert technical assistance and training to provide scalable, flexible, future-proof and lightweight end-to-end solutions optimized across the entire RF chain. As an ISO-compliant organization, RFS solutions offer proven longevity, premium performance and unrivalled quality.

For more information, visit www.rfsworld.com, or follow us on Twitter: [www.twitter.com/RFSworld](https://twitter.com/RFSworld).