



Corporate Overview



Transforming high-bandwidth access

Ubiqutious High-Bandwidth Access

Our Mission

To provide reliable wireless optical networking products that enable telecommunications carriers to quickly and economically connect urban commercial buildings to high-bandwidth services.

Our Culture

AirFiber is made up of a
very diverse group of people who
take personal pride in being part of a
winning team. We share a set of core
values based on integrity, teamwork,
commitment, respect for others, and
a resilient sense of humor.



A Message

from Our CEO

Jim Dunn, Chief Executive Officer

In the last few years, bandwidth
has become one of the staples of
telecommunications, just as processor speed and memory have
become staples of the PC industry.
As new business-to-business services
roll out, sufficient bandwidth at
reasonable cost is critical to keeping
companies competitive. This pervasive
need for cost-effective bandwidth
makes the time right for wireless
optical networking.

"AirFiber supplies carriers with equipment that delivers high bandwidth as a staple for telecommunication."



Although the demand for carrier-grade high-bandwidth access is clear and growing, the fact is that fiber runs to less than five percent of commercial buildings in the U.S. and less than one percent of commercial buildings worldwide. Wireless optical networking can level the playing field for businesses in urban areas by making high-bandwidth services accessible to most commercial buildings – not just the small percentage connected to fiber.

Do we believe that wireless optical networking will replace fiber? Of course not – fiber has virtually infinite capacity – but it is expensive and time-consuming to install, so it is not likely to be available to everyone at any time soon. The challenge, then, is to quickly and affordably get reliable broadband access to the last mile of a telecommunications network.

AirFiber supplies carriers with equipment that lets them deliver high-bandwidth as a staple for telecommunication. In the case of OptiMesh, our first wireless optical networking product, the focus is on extending reliable, cost-effective high-bandwidth access to urban buildings not connected to fiber. Future products and applications will encompass solutions for other areas of the market, all with an eye toward realizing our vision of ubiquitous high-bandwidth access. With OptiMesh and future AirFiber product families, we are empowering our customers to better serve their customers.

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The AirFiber Story

History

AirFiber, Inc. was founded in May 1998 in direct response to the rapidly increasing number of businesses worldwide who are demanding high-bandwidth services to support a wide variety of voice, data, and multimedia applications.

The founders comprised a team of experts from two different disciplines: free-space optics and telecommunications networking. The group shared the vision of combining their knowledge and delivering affordable, reliable high-bandwidth access to a high percentage of commercial buildings. Today, AirFiber supplies carriers around the world with innovative products based on wireless optical networking technology.

Our Technology

AirFiber's innovative wireless optical mesh networking technology opens exciting new opportunities for telecommunications carriers and their customers. In recent years carriers have struggled to keep up with the fast-growing demand for high-bandwidth services. AirFiber has answered this demand with technology that provides a fast, reliable, and affordable solution for buildings in proximity to a metropolitan fiber ring, but not yet connected to fiber. AirFiber employs short-distance wireless optical links in a mesh network configuration. These short wireless optical links yield high over-the-air availability, even in dense fog. And for even greater reliability, an ATM-based mesh network provides multiple paths into each building and automatic rerouting in case of any line-of-sight blockages or equipment failures.

"Free-space optics satisfy a very urgent need for bandwidth in the last mile." — Gartner Group

Products and **Services**



High-bandwidth access High Availability Quick, easy deployment Compelling economics

The OptiMesh Network

AirFiber's flagship product, OptiMesh, was introduced in the second quarter of 2000. The OptiMesh wireless optical network provides high-bandwidth access with carrier-grade availability, and quick, easy deployment that dramatically decreases a carrier's time to market.

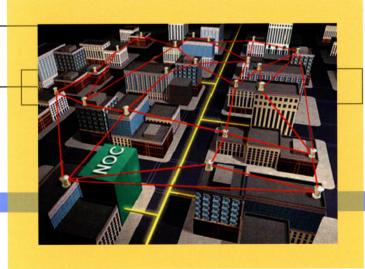
Automatic optical link acquisition and compact rooftop equipment make it fast and easy to install and deploy the OptiMesh network. Typically, two technicians can construct, install, and commission a site in just 4 – 6 hours.

All network management functions are performed with an easy-to-use OptiMesh Element Management

System centrally located in the carrier's Network

Operating Center.

A full suite of services, including System Engineering, Deployment, and Technical Support, completes the product line.











Our Market

With unprecedented product capabilities combined with the visionary know-how of a seasoned management team, AirFiber is truly transforming high-bandwidth access.

Introducing the "Build, then Sell" Paradigm

Traditionally, a carrier's sales force wins new business and then builds the network to serve the new customers. AirFiber is transforming this historical "sell, then build" scenario into a "build, then sell" paradigm. With AirFiber, a carrier can develop a mesh network in a target area, and then have its sales force sell underneath the mesh "umbrella." This approach enables the sales force to deliver high-bandwidth services to customers within a matter of days.

A Value Proposition for Our Customers

AirFiber's wireless optical mesh networking technology allows carriers to:

- Quickly provide high-bandwidth services to customers.
- Provide carrier-grade availability and redundant paths to customer premises.
- Decrease capital and operating costs.
- Easily accommodate an expanding or changing customer base.

Our Strategic Partners

AirFiber develops relationships with strategic partners to achieve a broader market reach, gain access to new technologies, and provide complementary products and services.

Our growing list of partners includes OEM alliances, venture capitalists, and corporate investors.

"AirFiber is an epic company. It's going to fundamentally change metropolitan communications worldwide."

- Bill Stensrud, Venture Capitalist

The AirFiber Team









Our headquarters are in San Diego, California, now recognized as a hotbed of telecommunications innovation. The environment has resulted in a large community of successful telecommunications companies and great career opportunities. AirFiber, a proud member of this dynamic community, has assembled a growing team of world-class telecommunications professionals.

What is a typical AirFiber employee?

There isn't one – we're a diverse lot. But we know what it takes to succeed in our industry:

- The desire to help our customers succeed.
- A dedication to excellence.
- Personal integrity that is above reproach.
- A ton of team spirit.
- A healthy work ethic.
- The willingness to learn and grow.

Be sure to check our website for the latest employment opportunities:

www.airfiber.com









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