

# How AvFinity® Stands Out

AvFinity® stands out from aviation's status quo by adding value to airlines' data communications

While airlines long ago tamed the open air above us, they've never figured out how to take control of their data communications that are so vital to keeping order in the skies.

Sure, they've tried. But after years of combining legacy and proprietary network providers coupled with the adoption of nearly every known communications protocol and format available, the management of data communications has become only more complicated.

Until now.

AvFinity simplifies the complex, multi-protocol, costly world of aviation data communications and its compulsory multiple connections. We've done it through a single, cloud computing-compatible solution called AEON®—Airline's Embedded Open Network.

AEON is comprised of AvFinity's patent-pending software technology that was created to secure, route, manage, analyze, parse, aggregate, format and transmit massive quantities of data between both similar and disparate IT systems.

AvFinity built AEON specifically to link multiple systems together so that they successfully communicate without disruption to infrastructure or without incurring additional capital expense. For the first time in aviation history, airlines can now have the control they need with cost-effective, open and more flexible communications systems, and move away from closed, proprietary networks.

## The Product

AEON comes in two versions: an integrated services router (AEON AIRS®) and a virtual machine or server-based solution (AEON® Cloud™). With this single solution, airlines are now able to:

- Communicate, aggregate and secure vital data
- Customize and adapt data to the requirements of individual recipients
- Integrate data for analysis by back-end office systems
- Gain connections to vital government agencies and partners
- Benefit from systems monitoring
- Achieve systems integrity

AEON augments and supports all existing communications products and systems, serving as either a robust substitute for aviation's ubiquitous legacy approaches or integrating with older technology.

AEON® Versions	Description
AEON® AIRS®	AvFinity software technology and its network embedded in a Cisco Integrated Services Router. Combines cloud computing and direct connections.
AEON® Cloud™	AvFinity software technology and its network running on a virtual machine or server in a cloud environment.

Yet because it is state-of-the-art Internet-based technology, AEON instantly refreshes all legacy communication aspects of any airline's data center. One physical or virtual machine with AvFinity's software technology upgrades a data center. Install a handful more, and an airline creates an internalized communications system that connects all nodes in its system while also securing all communications under its complete control.



