

Fleet Link

Wireless aircraft data transfer and certified software delivery for Boeing aircraft

Operational impact

Fleet Link simplifies connected aircraft operations by replacing airline-managed connectivity infrastructure, certified software distribution, and supporting service operations with a streamlined Boeing-operated service. Airlines gain faster access to aircraft data, reduce internal IT burden, maintain consistent software configurations, and scale connected aircraft operations without increasing infrastructure complexity or staffing requirements.

Business challenge

Modern aircraft generate large volumes of operational data after every flight, while certified aircraft software requires regular updates to maintain compliance and configuration consistency. Many airlines still manage aircraft connectivity, software distribution, infrastructure, and security processes internally, creating ongoing IT burden, operational complexity, and rising support costs.

As fleets grow and connectivity requirements expand, airlines must continue scaling infrastructure, systems, and specialized staffing to support connected aircraft operations.

Fleet Link solution

Fleet Link replaces airline-managed aircraft connectivity and software distribution with a Boeing-operated service designed specifically for Boeing aircraft. It securely transfers aircraft operational and maintenance data wirelessly after every flight and delivers certified software parts while the aircraft is on the ground.

By consolidating connectivity infrastructure, certified software libraries, security validation, and service operations into one managed service, Fleet Link allows airlines to support connected aircraft without building, scaling, or maintaining these capabilities internally.

Key features

- Boeing-operated aircraft connectivity service
- Wireless delivery of certified aircraft software parts
- Boeing-managed certified software library
- Security key management and software validation
- Fleet-wide software configuration governance
- Boeing-operated cloud infrastructure and service operations

Key benefits

- Remove internal connectivity burden
- Reduce IT labor and support costs
- Eliminate manual software distribution processes
- Scale connectivity operations without increasing complexity
- Access aircraft data faster and more reliably
- Shift to more predictable operating costs for IT

Proven operational impact

Estimated operational value for a typical airline fleet:

Up to:

- ~40% reduction in IT labor costs for fleets averaging 60–100 aircraft
- ~1 maintenance labor hour saved per flight leg through automated connectivity workflows
- Reduction in infrastructure, hosting, and support costs tied to airline-managed connectivity systems
- Minimize internal software distribution and validation burden

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Why Fleet Link stands apart

- A complete Boeing-operated connectivity and software distribution service
- Eliminates internal connectivity infrastructure instead of adding another tool
- Built specifically for Boeing aircraft and certification requirements
- Combines connectivity, certified software distribution, and service operations in one offering
- Boeing-managed software governance and validation processes
- Designed to scale with connected aircraft operations without scaling staffing requirements

How Fleet Link delivers value

Replace airline-managed connectivity infrastructure

Move aircraft connectivity, certified software distribution, and supporting service operations into a Boeing-operated model instead of maintaining separate internal systems, tools, and support processes.

Reduce the cost of supporting connected aircraft

Lower the infrastructure, staffing, and support burden required to manage aircraft data transfer, software libraries, security credentials, and system availability internally.

Accelerate access to aircraft data

Transfer operational data wirelessly after each flight so maintenance, engineering, and operational teams can access aircraft information sooner.

Simplify certified software distribution

Replace physical media and manual loading processes with Boeing-managed software governance, validation, and wireless delivery of approved aircraft software parts.

Scale connectivity without scaling internal IT

Support growing e-enabled fleets and increasing connectivity requirements without adding proportional infrastructure, tools, or specialized support roles.

Seamless integrations across operations

Boeing product integrations

Fleet Link supports data flows into Boeing Digital Services solutions such as Airplane Health Management and Flight Data Analytics, helping engineering teams review aircraft information after flight.

Aircraft data delivery to airline systems

Fleet Link delivers aircraft data to airline maintenance, engineering, and operational systems so teams can access post-flight information without relying on manual retrieval or airline-managed connectivity infrastructure.

Certified software distribution workflows

Fleet Link supports the delivery of approved aircraft software parts through Boeing-managed software libraries, validation processes, and wireless distribution workflows while aircraft are on the ground.

Is your operation ready to engage?

Talk with Boeing to evaluate how Fleet Link can reduce internal IT burden, simplify connected aircraft operations, and replace airline-managed connectivity infrastructure with a scalable Boeing-operated service.



Learn more about Fleet Link at
services.boeing.com/fleetlink

