

NEXTGEN DATA SUBSCRIPTION

Streamline Business Operations, Enhance Collaborative Decision Making and Support Mission-Critical Applications

The L3Harris NextGen data fuses all available Federal Aviation Administration (FAA) surveillance sources into a single data stream providing greater accuracy, coverage area, reliability and update rates than any single source of flight tracking data to meet the diverse real-time surveillance and historical reporting requirements of the aviation industry.

THE POWER OF COMPREHENSIVE REAL-TIME FLIGHT TRACKING DATA

For the first time, air navigation service providers (ANSPs), aircraft operators and airports, along with key industry stakeholders, can unlock the full value of the FAA's investment in satellite-based surveillance to streamline business operations, enhance collaborative

decision making (CDM) and support mission-critical applications. The L3Harris NextGen data feed offers the aviation industry access to a historic and real-time view of all national airspace system (NAS) airborne assets and airport surface traffic data through a single, integrated, real-time updated nationwide surveillance database.



One Aircraft Target, One Track, One Point Of Contact - Nationwide

BENEFITS

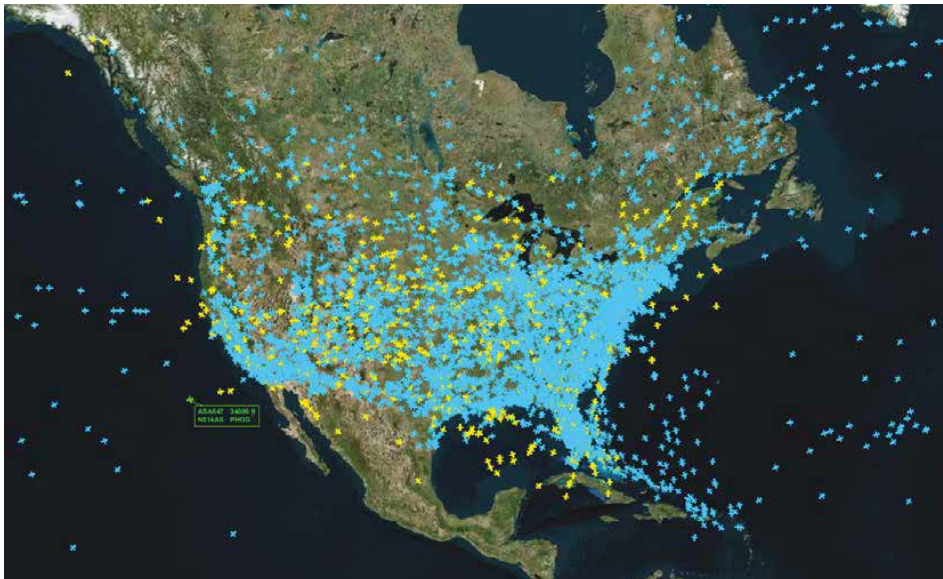
- > Single source for all flight tracking needs Customizable to specific user requirements
- > Fused multi-sensor surveillance provides redundant data sources so there is less risk for loss of data coverage
- > Geo-referenced data – all surveillance sources are calibrated after fusion to provide more accurate aircraft positions
- > Most complete, reliable and real-time updated flight tracking data with guaranteed availability of 99.5% or greater
- > Centralized monitoring at L3Harris Network Operations Center

THE MOST COMPREHENSIVE FLIGHT TRACKING DATA SET AVAILABLE

The L3Harris NextGen data feed integrates the Automatic Dependent Surveillance-Broadcast (ADS-B) feed with multiple redundant real-time FAA surveillance sources into a single fused data feed that is more accurate, complete and updated more frequently than any other commercially available flight track data source. L3Harris NextGen data is a “multisensor based” solution that aggregates all available surveillance sources, including:

- > FAA En Route Radars
- > FAA Terminal Radars
- > FAA Airport Surface Detection Equipment X Band (ASDE-X) Systems
- > FAA Aircraft Situational Display to Industry (ASDI) Oceanic and Canadian Tracks only
- > L3Harris ADS-B Data Feed

These fused tracks are merged with, and populated with flight plans from the FAA’s host air traffic management system and the ASDI data. The resulting NextGen L3Harris data feed is a comprehensive representation of aircraft ID, tail number, beacon code, aircraft type, origin, destination, current location and other metadata fields, for each flight in the NAS with real-time updating. The data feed is supported 24x7x365 to provide 99.5% and higher data availability. The NextGen L3Harris data feed is provided in standard formats to facilitate the easy exchange of flight information and seamlessly integrates with airline and airport information and operation systems, as well as custom software applications.



DATA SUBSCRIPTION

Subscriptions for the Harris NextGen data are available through Harris’ real-time web services data feed providing customers with the industry’s definitive source of up-to-the second, continuously improving, next-generation flight tracking data.



Surveillance data fused from multiple ANSP air traffic control systems



A single source of real-time aircraft surveillance data for all aviation stakeholders

Customers may purchase the data feed in its entirety or as separate data segments, including terminal area, surface, user-defined geographic regions, user-defined altitude bands and fleet (specific airline assets) information.

For more information call us toll free at 855-890-5137 or email CAS@L3harris.com

Symphony NextGen

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