

SKYNET

Satellite Communications



POWERFUL
AVIATION
SOLUTIONS



AVIATION FEATURES SUMMARY

HARDWARE OPTIONS

Flightcell DZMx

Honeywell SkyConnect MMUI

BlueSky Network D1000C

Latitude SkyNode s100 / s200

Cobham AVIATOR SwiftBroadband

SKYNET REACH AERO APPLICATION

Day of Operations

*Waypoint / Route Design
Flight Monitoring
Mobile Platform
Real-time Operational Tools
OTP Analytics & Reports*

XDI - Cross Data Integration

*Data Warehousing
Post-Flight Analytics
Integrated Compliance
Data Sources*

Engineering / MRO

*Maintenance
Engineering & Programming*

Crew Rostering & Reservations
Emergency Alerting & Response



Flightcell DMZx

Integrated cellular, satellite communication and tracking solution for aviation - Now with Iridium Push-to-Talk (PTT)



Honeywell SkyConnect MMU II

MMU-II™ integrated dialer and text messaging terminal is the smallest cockpit dialer available with highly customisable options for pre-stored messages, forms & phone numbers.



Blue Sky Network D1000C

Certified device for Fixed or Rotary Wing aircraft with optional dash-mounted control panels and intercom integration. Bluetooth hotspot and satellite phone enabled.



Latitude SkyNode s100

The SkyNode® S100 offers complete tracking and data telemetry. Interfaces to multiple mapping and information management systems. 2-way data access everywhere you operate.



Latitude SkyNode s200

The SkyNode® S200 is the world's lightest and most versatile integrated aeronautical communications device. The S200 provides security and crew safety for air/ground logistics applications.

AERO BROADBAND

Cobham AVIATOR SwiftBroadband Series

Using the industry's smallest and lightest SwiftBroadband approved antenna, AVIATOR 200 is suitable for the widest range of aircraft possible.

True In-Flight Connectivity

- Computer(s)
- Tablet/EFB
- Smartphones
- AVIATOR Wireless Handset



Any Aircraft Size

Fully harnessing Inmarsat's SwiftBroadband 200 service, AVIATOR 200 simultaneously provides high speed data and up to three quality voice calls.

Make calls, send e-mail and browse the internet, the system offers 'office-in-the-sky' or mission specific data service applications to a broad range of aircraft including turboprops and light jets.

Endless Applications

Rugged and robust, the system offers reliable communications services, ensuring its suitability for business, government, military and air transport sectors.

Whether supporting 'office-in-the-sky' or specialised applications for unmanned aircraft, the AVIATOR 200's innovative design allows smaller platforms to benefit from reliable SwiftBroadband connectivity.

Cost-effective, accessible connectivity

AVIATOR 200 provides low-cost, high quality voice and data services that can be accessed via wired or wireless connections built into the system.

Built-in WiFi™ supports smart phones, tablets and laptops for total flexibility, while the small antenna decreases cost and complexity of aircraft modifications during installation.



REACH AERO

SKYNET
REACH Aero



DAY OF OPERATIONS PLATFORM

REACH Aeronautical

Optional extended pre-flight information, crew information, sector minimum fuel, passenger numbers, estimated weight, freight uplift and overall combined estimated ramp weight.

Quick change schedule blocks to allow swapping aircraft schedule to avert delays.



Real-Time Operational Tools

SkyNet's REACH Aeronautical is the Operational Management Tool that incorporates multiple data sources, dynamic weather overlays, status alerts and more into a single integrated system.

OTP Analytics & Reports

Demonstrating a high level of punctuality and reliability is vital in a highly competitive aviation market with consumer choice at record levels. Airlines want to analyse post flight analytics and gain valuable insights into the performance-driven data of their fleet and to seek out systemic issues that can contribute to delays or hinder the highest performance achievable.

MORE THAN A DOT ON A MAP

- » Manage emergency response plans
- » Duress alerting & monitoring
- » Data sovereignty protection in the event of an emergency

EMERGENCY ALERTING & RESPONSE

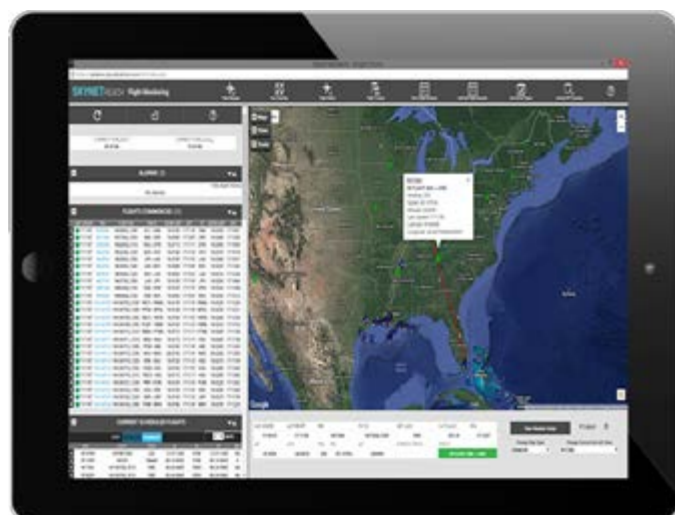
OPERATIONS CONTROL & MONITORING ROOM

Be prepared and in control

Safety is the number one priority and we're here to help! SkyNet's Emergency Response Planning assistance helps you manage emergencies and catastrophic incidents and keeps safety at the forefront

Emergency Escalation

More than an afterthought, with a full optional escalation process for a range of alerting events, which no-one ever wishes could happen. From sequencing of management advisories, to a fully manned 24/7 emergency response centre dedicated to crisis management and international evacuation advice, SkyNet puts you in control.



Geofence Alerting

Use SkyNet's Built-In Geofence & Point-of-Interest Editor to create virtual boundaries and notifications. Create GeoFence & Points-of-Interest easily with REACH Aero.

SkyNet's REACH Aeronautical Cloud Based Platform can be accessed from any Web-Enabled Device to view and manage your fleet.

REACH NEW
HEIGHTS IN SAFETY
MANAGEMENT

SkyNet helps flights go to plan by keeping a close eye on what's happening in the air and on the ground.



FAST, REAL-TIME DATA DELIVERED RIGHT ACROSS YOUR BUSINESS

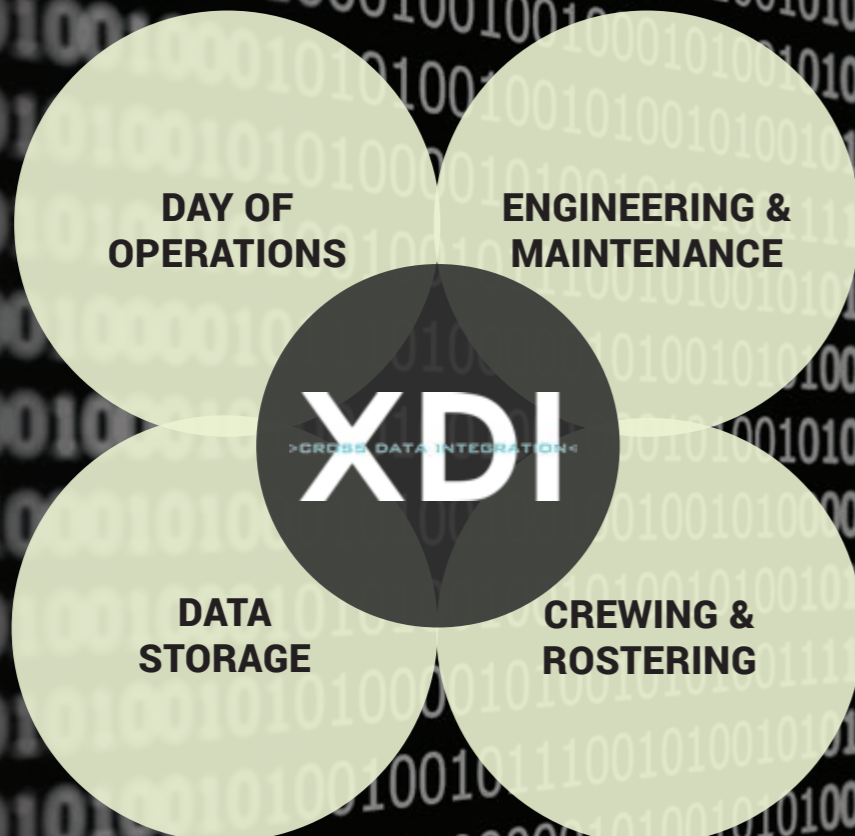
The XDI Revolution is here...

Ever wondered what it would be like to combine all the major departmental data automatically and lose the spreadsheets? How about allowing you to seamlessly move between Operations, Engineering, Crewing, Reservations and Freight without logging into another application? Wouldn't it be easier if you had the ability to 'Traffic Light' all this data in the Flight Monitoring and pre-flight areas so you will

always know that everything is prepared and there are no lurking delays sneaking up on you?

The Cross Data Integration (XDI) solution is designed to bring together tracking data and 3rd Party Vendor data providing a significantly improved analysis of aircraft status. Integrate software vendors for areas such as Freight & Cargo, Crewing & Rostering, Reservations, Engineering & Maintenance and more.

A REVOLUTION IN
AVIATION DATA
SOFTWARE IS HERE



Data Warehousing

With data collected from every flight sector matched with crew records and reservations, freight, engineering and many more, we offer the ability to build powerful analytics across your whole operation and deliver an ability to measure financial capability and potential lost revenue. Also generate custom reports and have them delivered to you or your team any time you require.



Post-Flight Analytics

A system designed to give you access to information at your fingertips so you can provide data on-demand. Regulatory & business rule compliance built right into the platform.

We base our system on regulatory and business rules that you decide on so whether your rules are higher or have approved variations these can be accounted for. You can decide to share these results or use for your own internal reference.

Integrated Compliance

Looking back to look forward! A wealth of information is available post-flight to analyse and prepare for new challenges. Standing on the shoulders of history offers a mighty view forward.

SkyNet REACH Aeronautical enables deep inspection of your operation to look at fine grain detail in the problems that have occurred and any trends that can be enhanced or resolved, so your next flight can run even smoother and with less uncertainty.



CREW ROSTERING & RESERVATIONS

ENGINEERING / MRO



Integrate 3rd Party Crew Rostering & Reservation Systems directly into REACH Aeronautical.

SkyNet REACH provides real time status for all three major elements of pre-flight that can cause delays. Gaining early insight can be a major game changer - managing unexpected disruptions early means having the maximum notification time to resolve problems.

At last! An integrated view of Schedules, Aircraft and Crew.

Maintenance

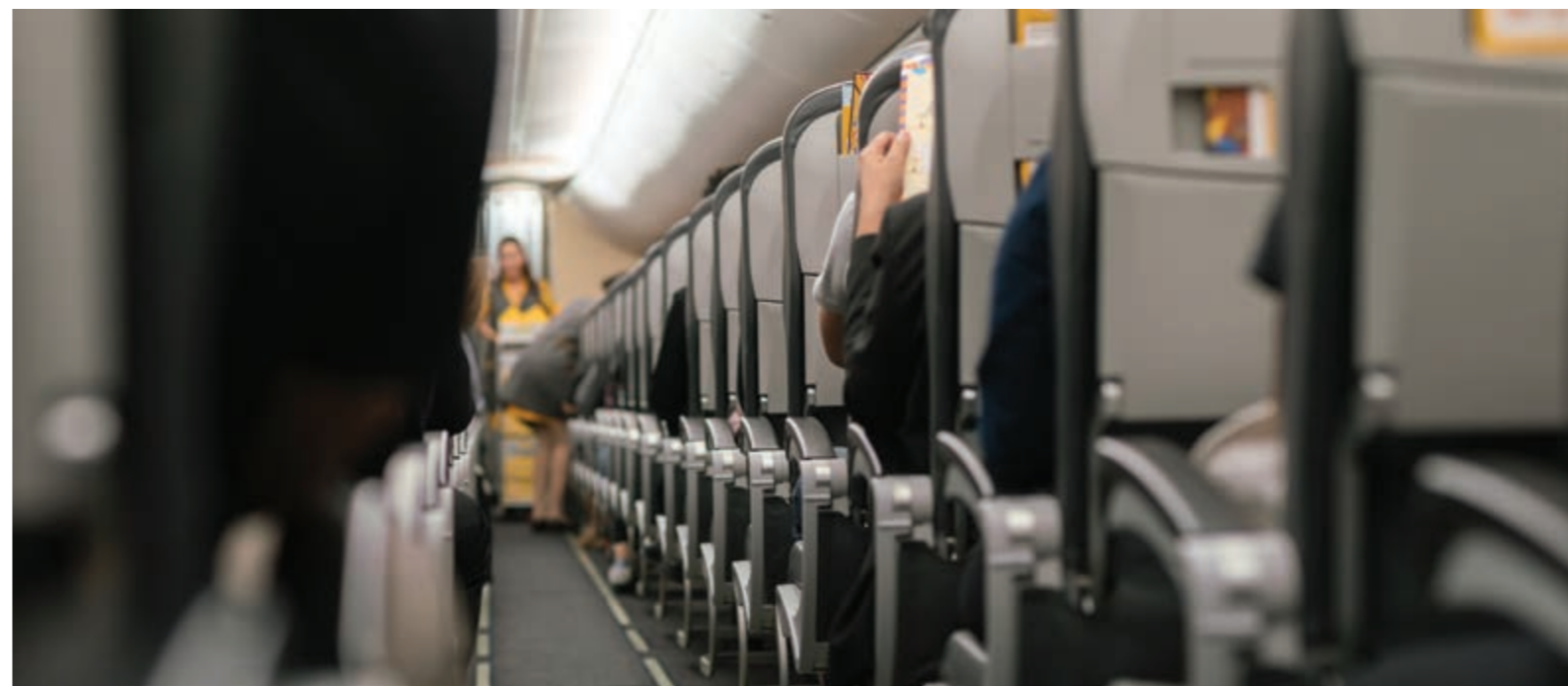
Planning maintenance has many attributes, with taking aircraft away from revenue operations, having the resources available to plan offers an ability to smooth out ground capacity issues and reduce the peaks and troughs of demand.

- Maintenance Setup
- Maintenance Planning
- Line Maintenance
- Hangar Maintenance
- Shop Maintenance
- Engine Maintenance
- Tool & Calibration
- Facility Management

Engineering & Programming

SkyNet REACH offers an integrated linked Engineering approach with enhanced Engineering Planning and Minimum Equipment List (MEL) watch. Flight times are fully tracked and Cycles & Dates automatically accrued.

- Configuration Management
- Maintenance Program Admin
- SB / AD Administration
- Engineering Order Management
- Task Management
- Task card
- ePublications



SKYNET

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SkyNet Satellite Communications

Lvl 1, 16 Edmondstone St, Newmarket, Brisbane
Post Office Box 63
Hamilton Queensland Australia

T: +61 7 3860 5511 | F: +61 7 3009 0401
E: sales@skynetsatcom.com



Skynet Satellite Communications Inc.

1700 Post Oak Blvd. 2 BLVD Place, Suite 600
Houston Texas 77056
United States of America

T: +1 410 941 4186 | M: +1 443 440 0464
E: sales@skynetsatcom.com

www.skynetsatcom.com