



FULLY INTEGRATED & SEAMLESS



Digital Airline
Solutions
Streamlining
Operations

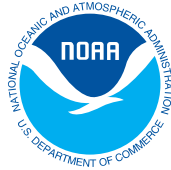
bytron
aviation systems

bytron.aero

OVER 38 YEARS OF EXCELLENCE

Automated,
flexible and built
around your
airline operations.





TRUSTED BY OVER 90 OPERATORS GLOBALLY

Upgrade your airline to a fully digital operation with our award winning, modular software... skybook.

Bytron Aviation Systems is well established within the aviation industry and trusted by over 90 operators across 50 countries globally.

We understand the daily challenges faced by operators to draw in vital data, and paint the most accurate

picture of every flight on a sector by sector basis. skybook makes the dispatch process efficient by automating the filtration of data feeds and highlighting important information to the crew, saving time and money..

skybook removes the need for manual information gathering, simplifying the process and making it all available at the touch of a button via a web-based portal and app.

"skybook represents a truly integrated approach that brings together market-leading functionality from both companies for the efficient management of flight data, crew briefing and monitoring operations."

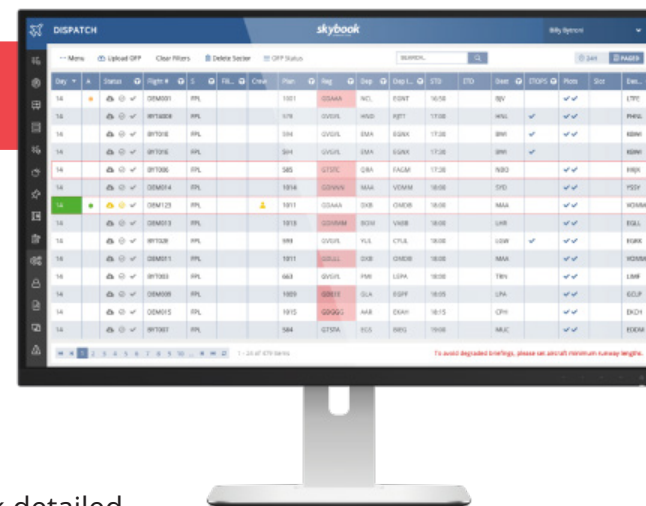
Mathew Buettner - Director, Jeppesen Flight Planning & Dispatch



skybook GROUND PORTAL

Enhance your airline dispatch, voyage reporting and post flight analytics with our intuitive, user-friendly system that delivers the right data, to the right place, at the right time.

Through our web-based Ground Portal, you can view all scheduled and operational flights, review the impact of significant weather and danger areas along the route, check detailed weather, NOTAM and Route plot charts (including ETOPS).



BESPOKE



SEAMLESS



FLEXIBLE



BRIEFING

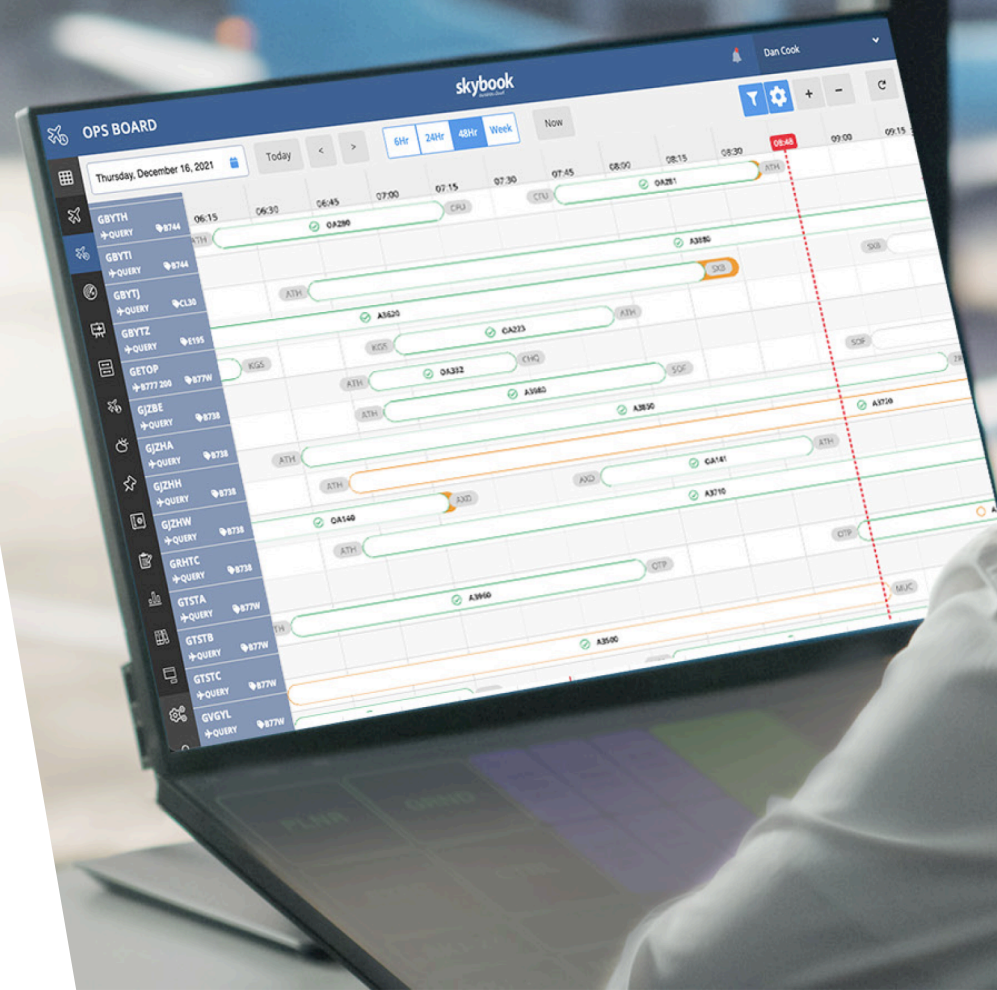
skybook ELECTRONIC FLIGHT BAG

Our award winning Ground Portal and Electronic Flight Bag (EFB) can be partnered together to enhance operational benefits and the collection, viewing and analysis of pre and post flight data. The Web Portal can be implemented within your operations in the first instance and the EFB can be added at a later date.



ENHANCING DAILY FLIGHT OPERATIONS

Delivering
critical info, to
the right place,
at the right time.



KEEPING YOUR FLIGHTS ON TIME

Access leading data sets to improve accuracy and efficiency.

"The highly configurable solution provides a useful tool for our pilots, as well as our Flight Operations and Network Control teams. We look forward to working on further developments going forward."

Paul Smylie - Senior Manager, Flight Operations at flydubai

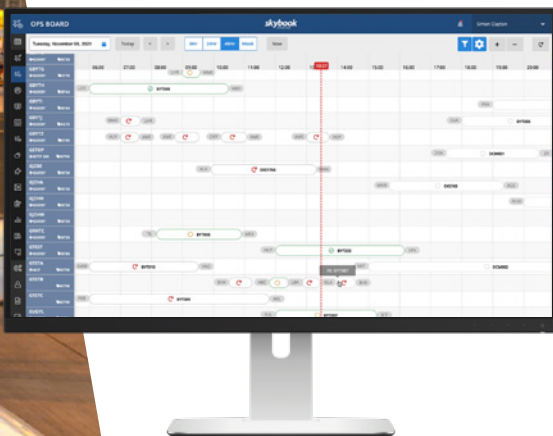
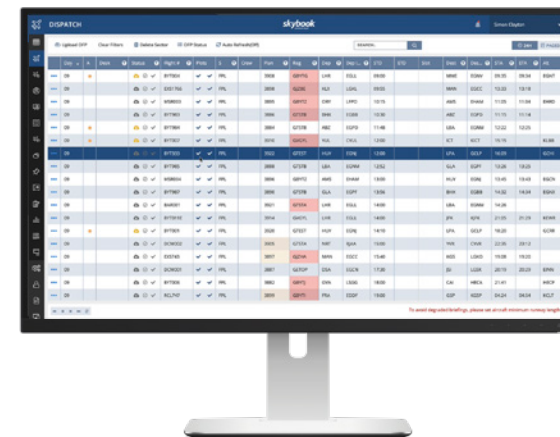


FLIGHT DISPATCH



Reduce workloads, improve efficiency and safety with Flight Dispatch.

Dispatch teams can review flight plans, current weather and NOTAM for departure, destination and alternates for every flight. The Dispatch Monitor highlights flight records when briefing material has been downloaded to the EFB, logging which crew member has accessed it.



OPS BOARD



The Ops Board module provides an aircraft based gantt view of both planned and actual sector data.

The viewable time window is configurable. Each 'actual' sector block depicts the current known status of the flight based on the data received back from devices.

AIRFIELD WATCH



Airfield Watch provides a global overview for all departures, destination and alternates, frequently updating to give you the latest information.

Clearly depicted MET and NOTAM data with intelligent coloured alerts, highlight changes that could affect your ability to use an airfield if conditions are below your accepted minima.



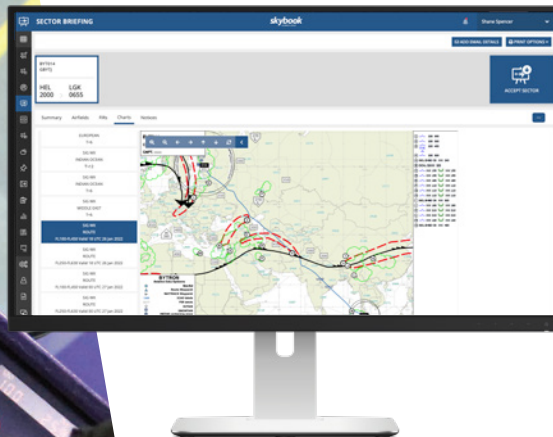
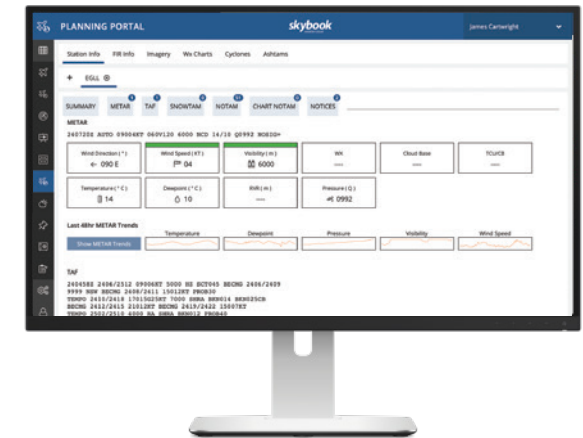
BRIEFING PLANNING PORTAL



The briefing portal gives dispatch staff and aircrew access to detailed briefing information that can also be used for planning.

This module accesses:

- METAR & TAF
- Airfield & FIR NOTAM
- Satellite Imagery
- Charts
- Tracks
- RAIM Reports
- Storms & Volcanic Ash



SECTOR BRIEFING



Sector Briefing makes full use of our unique advanced filtering options that help skybook stand out from other systems.

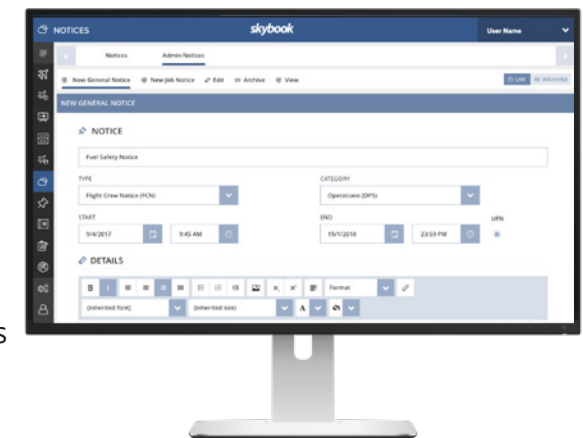
Sector briefings are route specific, filtered and highlight important information. Generated quickly and available as a PDF or on the EFB.

OPERATIONAL NOTICES



Maintain and distribute Flight Crew Notices (FCN), Flight Safety Notices (FSN), Cabin Crew Notices (CCN) and more depending on your requirements.

skybook automatically alerts your Flight Crew to any notices or documents relevant to them, whether on general release, specific to their fleet, or to them personally.

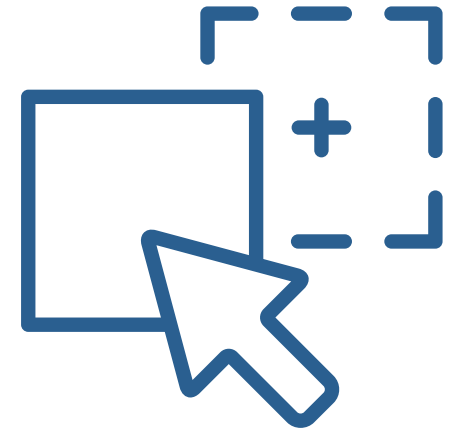


FORM BUILDER



Go totally paperless with Form Builder. Drag and drop Interactive digital forms that can be created, managed and shared to users of the ground portal or EFB instantly

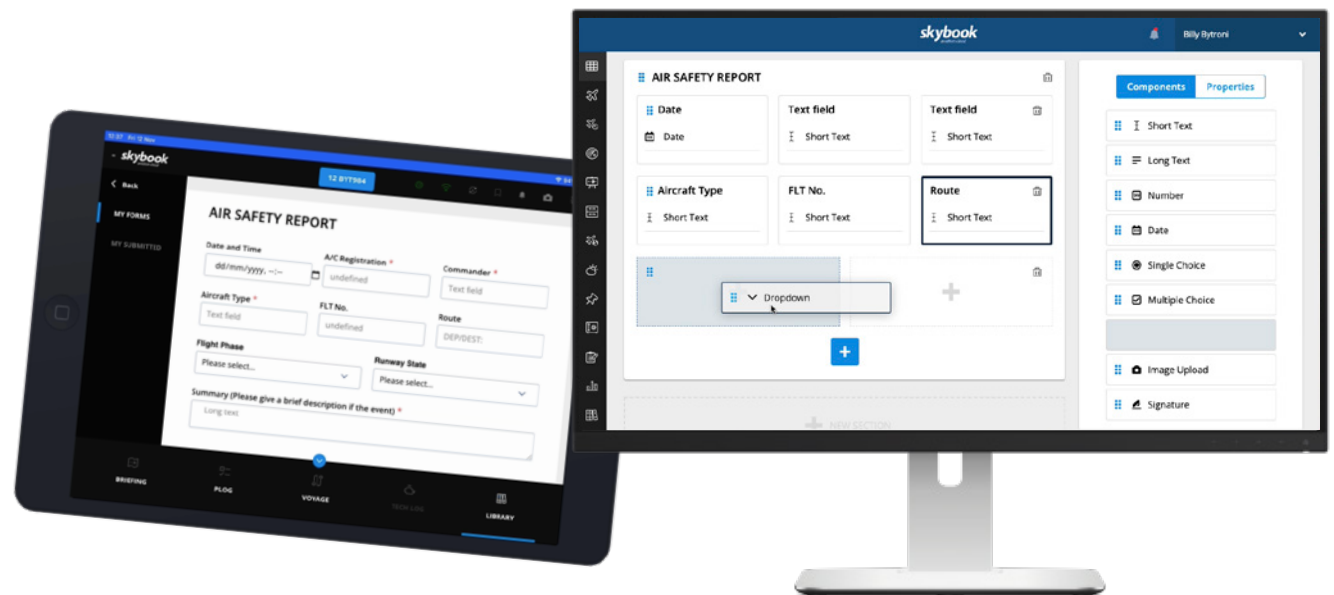
Created forms are managed all in one place for auditing control and shared to other departments for crew members to fill in.



Bespoke forms for various workflows

Start building your form using the simple layout guides and intuitive form components. Select from a list that contains number fields, text areas, date inputs, listboxes, checkboxes and more. No experience required!

- Automate sharing information between departments
- Remove the need for other systems
- Paperless data capture and reporting
- Improve accuracy of data capture



STAY AHEAD WITH FLIGHT TRACKING

Helping you
achieve compliance
with GADSS
recommendations.



"Airtanker needed a flawless system for delivering critical information to flight ops and flight crew in an efficient manner."



FLIGHT TRACKING



skybook Flight Tracking is the next generation of aircraft tracking tools.

Helping operators to achieve compliance with GADSS recommendations via an advanced portal that provides seamless access to all vital information.

Driven by Technology

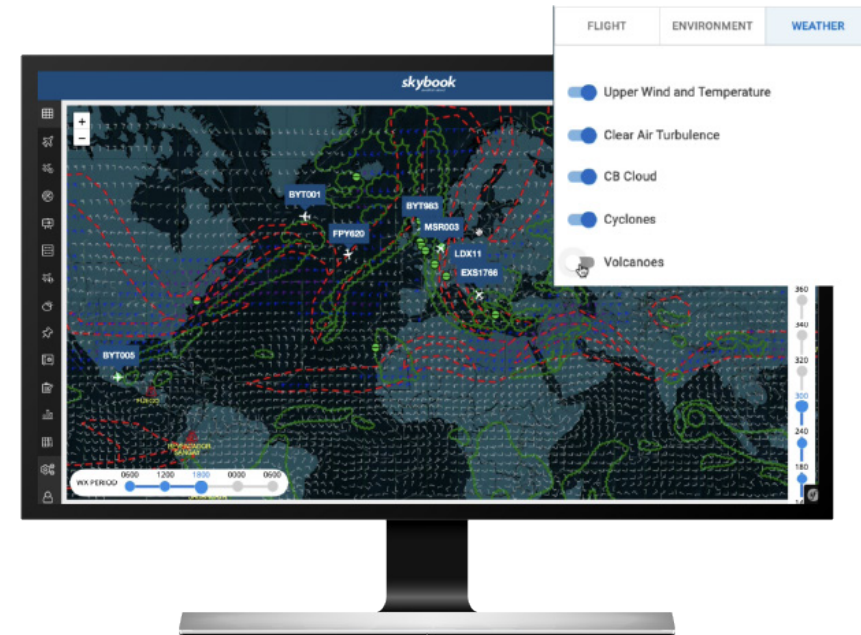
Flight Tracking generates a comprehensive route plot extracted directly from each flight plan and uses positioning information taken directly from real time ACARS and/or ADS-B updates to track each aircraft during the duration of its flight.

Actual flight progress is shown against planned progress on a global display that can be easily switched to show all active flights or alternatively, to focus on a single flight.

Active Alerting

Flight Tracking receives aircraft position information directly from each operator, using this information to generate detailed route updates showing actual progress against planned.

If an aircraft strays off the planned route or fails to provide a position update during a flight, skybook immediately creates an alert against the flight, helping to ensure appropriate action is taken right away.



Increased global awareness

skybook continuously reviews global weather and NOTAM information, comparing this with user minima settings to identify all emerging issues that could affect flight operations.

Innovative weather layers, flight level and planned position data ensure operators have excellent global awareness.



REPORTING & ANALYTICS



Access flight data all in one place and analyse flight trends to create real time reports and help improve performance.

Reporting & Analytics opens up key flight and aircraft performance data to all departments, removing the need for costly and time consuming 3rd party systems.

Data that makes a difference

The Reporting & Analytics dashboard captures EFB data that has been signed off by the flight crew and gives operators access to flight analytics such as:

- On-time performance data
- Fuel uplift and usage
- De-icing analysis
- Crew report information

Trend based analysis

Spot trends and export analysed data to the right people, allowing for quicker and more accurate judgements.

Reports and Analytics makes it easy to report on OTP and find the worst offenders or poor performance.

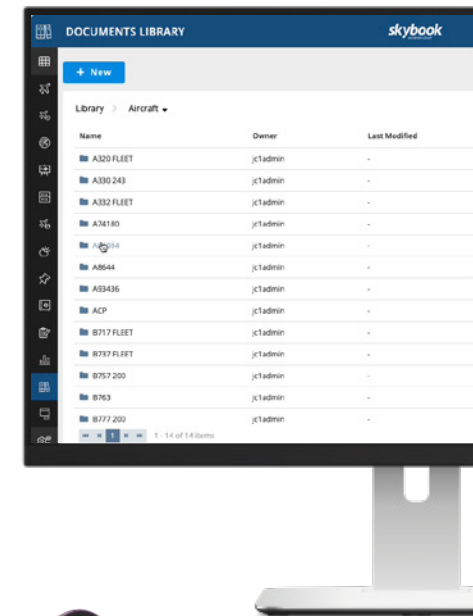


DOCUMENT MANAGEMENT LIBRARY



Manage and share operational digital documents to any skybook user and also target them to entire fleets, specific aircraft models or individual aircraft via the EFB; helping airlines to become paperless.

skybook improves efficiency of operations by providing a central library of all operational and aircraft related documents and manuals.



Access documents via the EFB

All documents are managed and updated within a simple folder structure on the ground portal and synced to the required EFB devices. This means pilots have access to only the correct aircraft documents they need for each flight.

- All documents stored in one place
- Quicker access to specific documents
- Digital library for all separate aircrafts
- Easily manage version control

Annotations made easy

EFB users have the ability to annotate, highlight and make notes on documents that have been downloaded.

These annotations are visible to other team members, so they are aware of any vital information that is highlighted.



DESIGNED WITH PILOTS, FOR PILOTS

Making paper a thing of the past for your operations team and aircrew.



skybook ELECTRONIC FLIGHT BAG

Our award winning Electronic Flight Bag application is proven to reduce aircrew workloads through intuitive design, seamless integration, quick navigation and by focussing on the most vital information for each sector.

Comprehensive digital briefings are created using industry standard data sets. The app is available for Apple, Android and Windows devices, displaying an innovative user interface.

Our app also features an Interactive OFP and Journey Logging. This gives the ability to log actual data, capture any delays, fuel usage, unexpected expenses, route changes during a flight and more. Providing a detailed overview of planned versus actual flight performance.



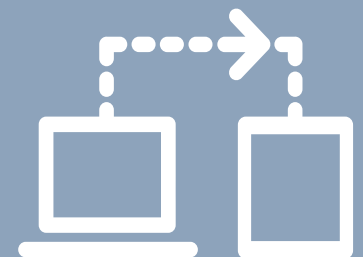
REAL-TIME DATA



SYNCHRONISED



INCORPORATE WITH DISPATCH



FROM PRE-FLIGHT TO POST-FLIGHT

Improve briefing
delivery, data
capture and
flight logging.



"Technology and the flight data that skybook can provide will be instrumental in reducing our costs and building that platform now, as we begin our growth, is the key."

Matt Kunz - Vice President of Flight Operations, Flair Airlines



DIGITAL BRIEFINGS

Our briefing packs have been accredited by numerous airlines, CAA's and have passed IOSA and State Authority audits.

All the vital data covered

- METAR, TAF, Upper Wind & Temp Charts
- Airfield and FIR NOTAM
- SigWX charts
- Company Notices & alerts
- SIGMETS/ASHTAMS/Storms
- Route plots including detailed ETOPS Charts



JOURNEY LOG

Journey Log is structured and easy to use delivering a fully interactive OFP that can be updated and synced back to flight operations in real time.

- Pre-flight, en-route & post-flight
- Crewing
- De-icing (data/time of activity, area de-iced, type of fluid and temp etc)
- Ground Services (GPU, pushback, water uploaded, cleaning undertaken, cost)
- Delays
- Sign offs (sector/voyage acceptance, sector and voyage sign off)
- Reports (incident time/date/location, ASR/MOR required, report title, description and type)



UPGRADING TO *skybook*

Integration is the key to accessing and managing all your data via a single portal.



skybook

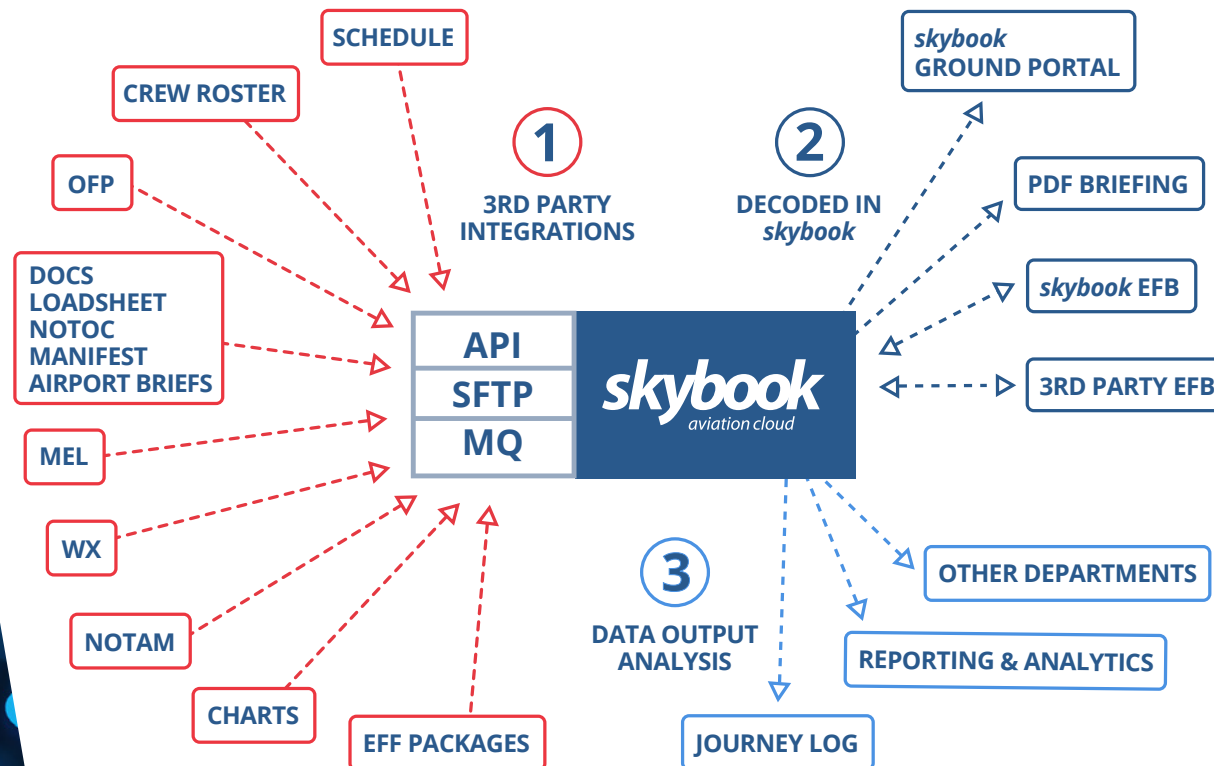
INTEGRATIONS



When it comes to migrating from paper-based processes to digital dispatch and briefing we put you back in control.

Our goal has always been to enable airlines and operators to take small, manageable steps towards an efficient and effective dispatch and briefing process. Fully supported by

our technical team during the initial configuration and implementation phases right through to providing you with technical support, online knowledgebases and all the training you require to make your journey as smooth as possible.



API Integration

Third parties integrate with the skybook Management System by utilising our comprehensive API web-services to transmit and receive data to and from the skybook data centre.

We integrate the data in to our systems, providing a central repository for management information and air-to-ground communications.

Datafeed Management

The datafeeds used by skybook are taken from the most credible sources, all based on your operator settings and operational minima.

All information is reviewed in detail to alert you to any issues that may affect your operations before it reaches you.

OUR PROMISE TO YOU...

From the outset, we work closely with our clients to understand their operating processes, procedures and daily challenges. But most importantly to build an ongoing relationship that benefits both of us.

This is vital as we use the information obtained from our relationship to configure skybook to the operational requirements, criteria and minima of each customer. Integrating core airline systems with skybook's own data feeds to ensure that the information delivered to operations staff and flight crew is the most up to date and applicable for the sectors being flown.

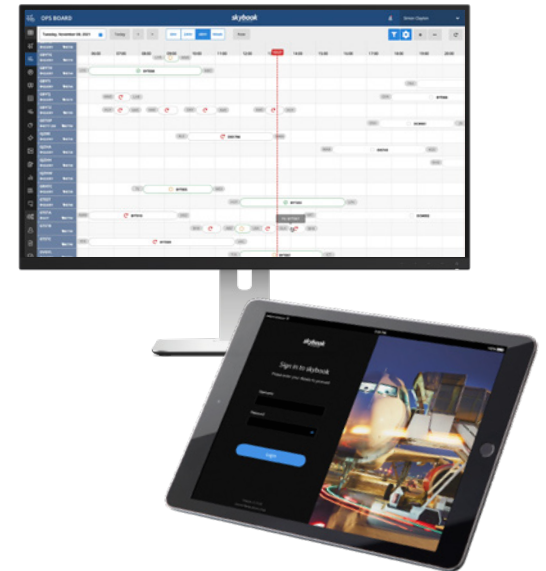
Every customer configuration is thoroughly tested before we progress to live status, as agreed with our clients, ensuring all settings meet your exacting requirements and all system integrations work as they should. Following our in-depth training you are then able to maintain these settings for yourselves using our intuitive administration tools.

We ensure that our clients feel supported during the transition across to skybook, with an extensive range of online guides and training manuals just a 'button click' away. If required, we can also arrange super user training to help you develop skybook knowledge and resilience in house.

skybook is reliable and dependable but should you experience something you can't understand or put right, our support team can be accessed 24hrs a day throughout the year.



Shane Spencer, CEO



bytron
aviation systems