

Global-Leading Aviation Data Intelligence And Analytics



A large commercial airplane is parked on a tarmac. The sky is blue with white clouds. The airplane is white with a dark tail. The text '1' is overlaid on the left side of the image.

1

Aviation Data Solution

Serving 6 Core Sectors and the Wider Ecosystem

OTA

Online Travel Agency

TMC

Travel Management
Company

Insurance

**Ground
Mobility**

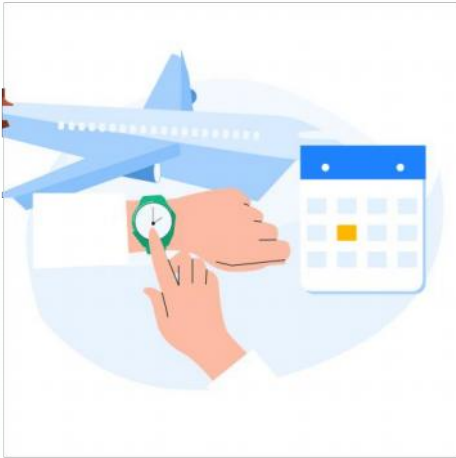
Air Freight

Airlines

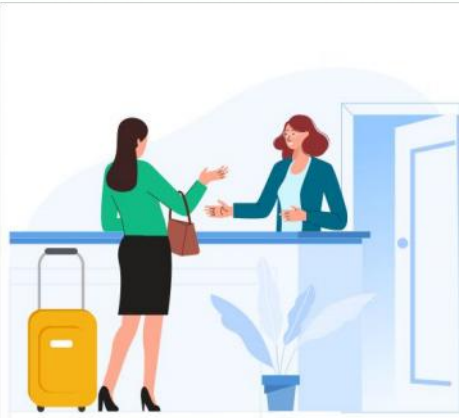
DataWorks Solutions

Empowering passengers with safe, punctual, and efficient air travel

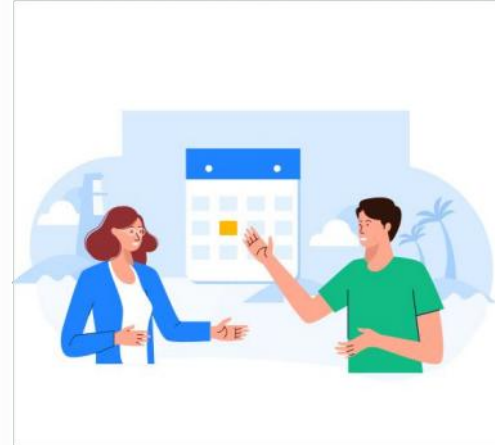
We help travelers track real-time journey information before, during, and after travel, supported by weather, aircraft, onboard services, insurance, and ground transportation data.



Time Planning



Travel Experience

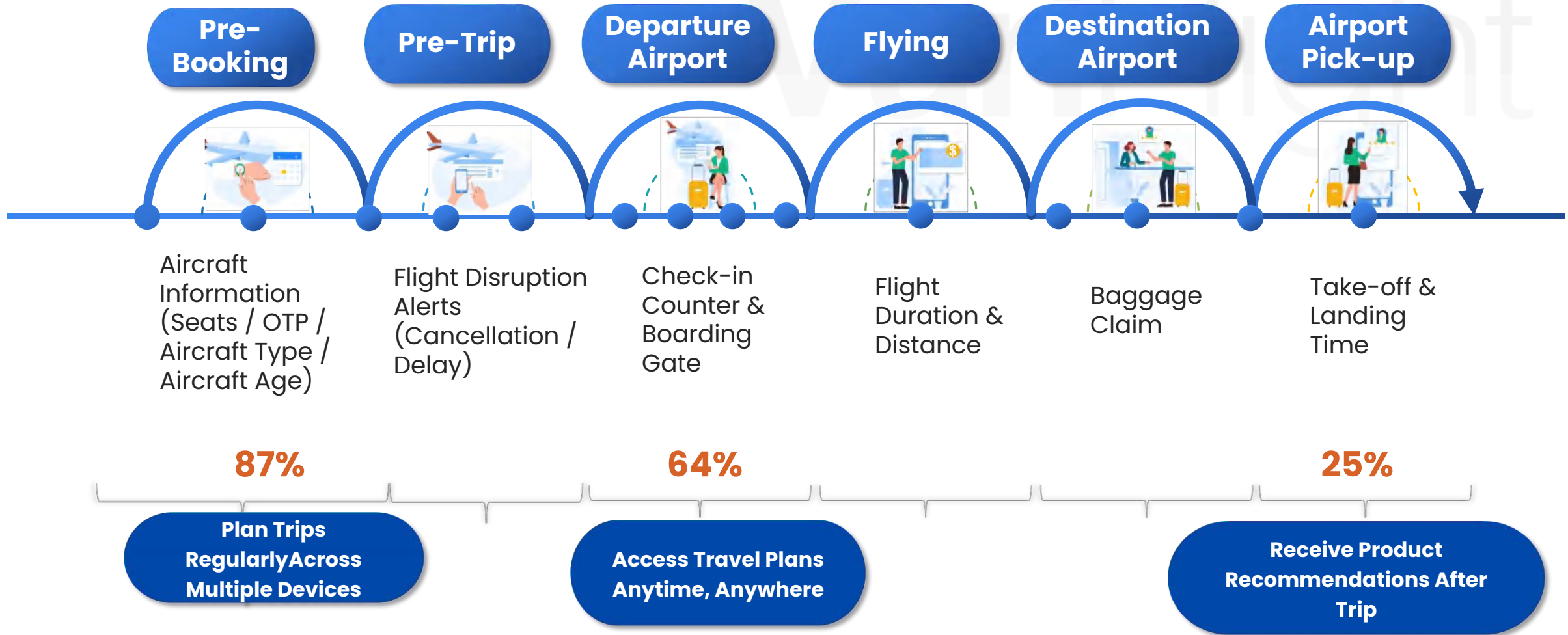


**Itinerary
Recommendations**

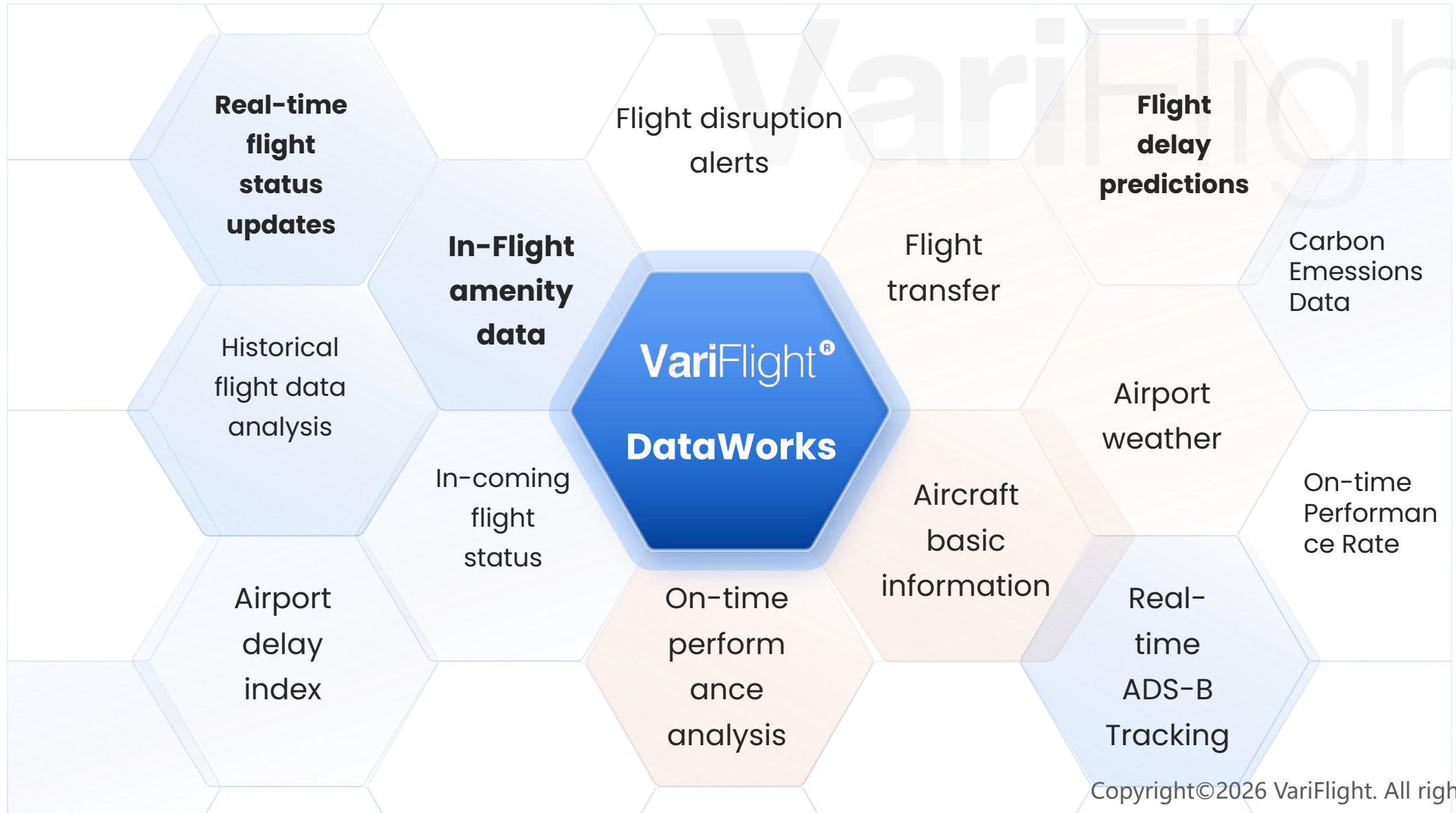


**Disruption
Management**

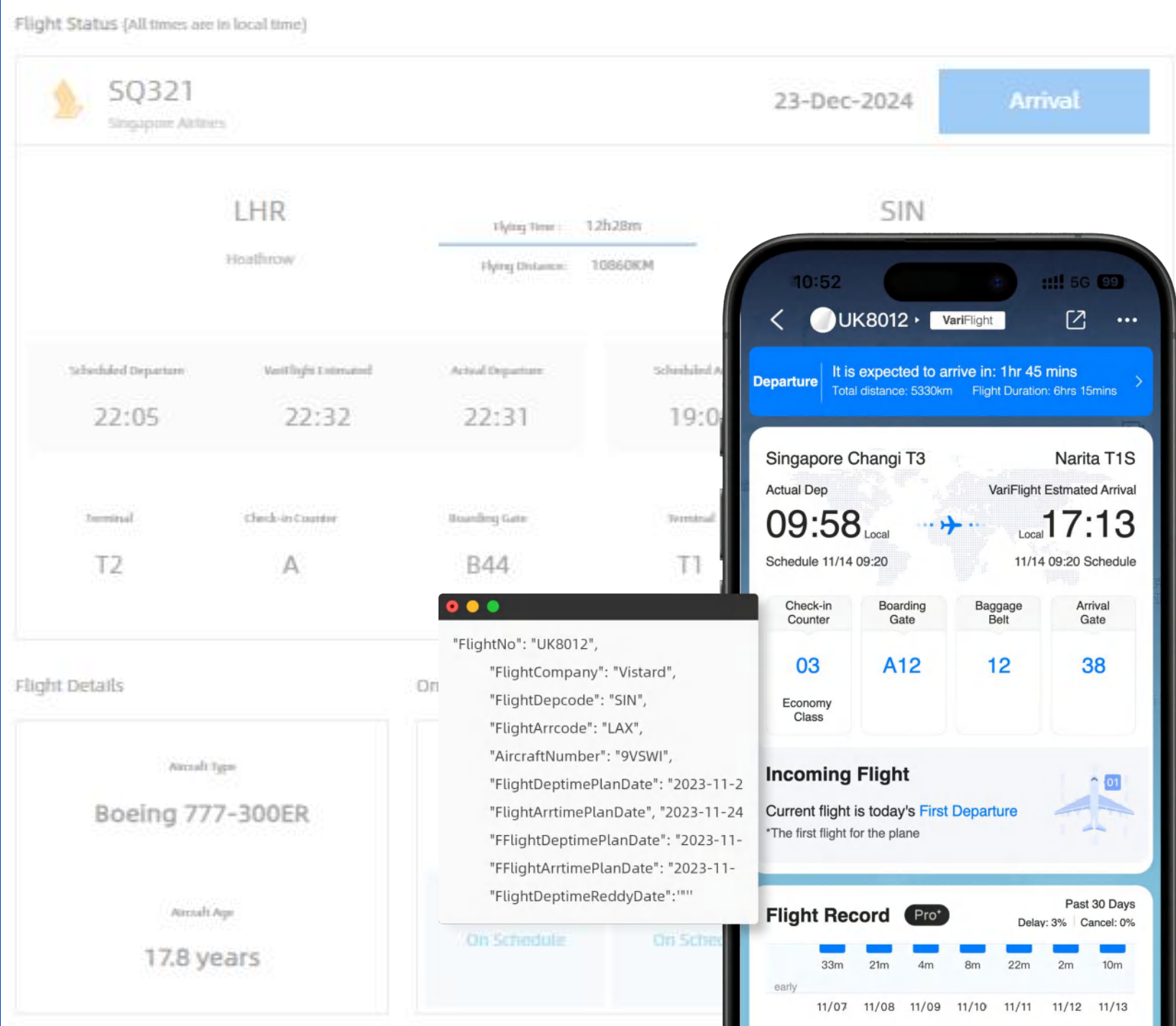
End-to-End Passenger Travel Solutions



Main Products



VariFlight®



Flight Happiness Index

Paving the way for comfortable flight experience .Travel comfortableness is becoming a pivotal criterion and a key booking revenue growth driver for airlines and online travel platforms.



In-Flight Amenity Display

Seat Layout, Seat Pitch , Seat Angel, Legroom, IFE, Power Supply, Wi-Fi, etc.



Operational Data

Schedules, Airport Traffic, Weather, On Time Performance, Visa and Luggage Policy, Carbon Emissions, etc.



More Services

Food, Aircraft Type, Aircraft Age, FHI Comparison Rating, Service Level Rating, etc.

ADS-B

Real-time Aircraft Tracking

VariFlight's global ADS-B network tracks equipped aircraft, providing data to air transport partners to enhance operational efficiency and flight safety.

- Basic information of aircraft
- Flight tracking details

The screenshot displays the VariFlight website interface. The top section features a map of China with a purple flight path from Hong Kong (HKG) to Shanghai Pudong (PVG). A sidebar on the left provides details for flight HX234 (CRJ234) operated by Hong Kong Airlines, including airport codes (VHHH to ZSPD), local times, and a height/speed graph. The right sidebar shows aircraft information: REG BLPI, Age 11.9 Years, Region HK, and Aircraft type Airbus A320-214. Below this, flight information includes update time (2024/12/16 15:17), longitude (121.80), latitude (31.14), ground speed (22.22 km/h), vertical speed (-3.58 m/s), azimuth (73°), and transponder code. The bottom section is the 'VariFlight Airplane Gallery', featuring a grid of aircraft photos and a search bar.

Flight ADSB ADS-B Photos

HX234
CRJ234
Hong Kong Airlines

HKG
VHHH
Hong Kong

PVG
ZSPD
Shanghai Pud...

Local time (UTC+08:00)
Scheduled 21:00
Actual 21:20

Local time (UTC+08:00)
Scheduled 23:40
Actual 23:11

Height and speed
Height (m) Speed (km/h)

13000
9750
6500
3250

1100
825
550
275

Aircraft information

REG BLPI
Age 11.9 Years
Region HK
Aircraft type Airbus A320-214

Flight information

Update time 2024/12/16 15:17
Longitude 121.80
Latitude 31.14
Altitude -
Ground speed 22.22 km/h
Vertical speed -3.58 m/s
Azimuth 73°
Transponder Code

Focus on flights Focus on aircraft

Home Track data My receiver Share your data Contribution Airplane gallery My profile My contract

Photos My homepage Upload photos

VariFlight Airplane Gallery
Leading airplane gallery in China

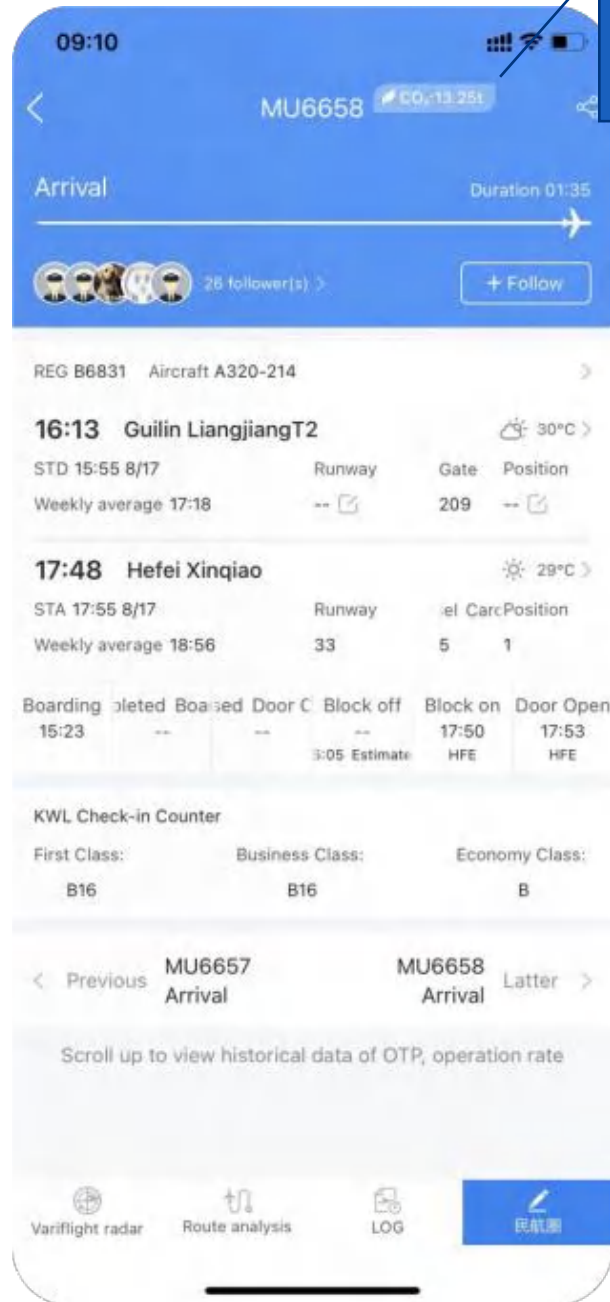
Search a flight by REG, type

Carbon Emission

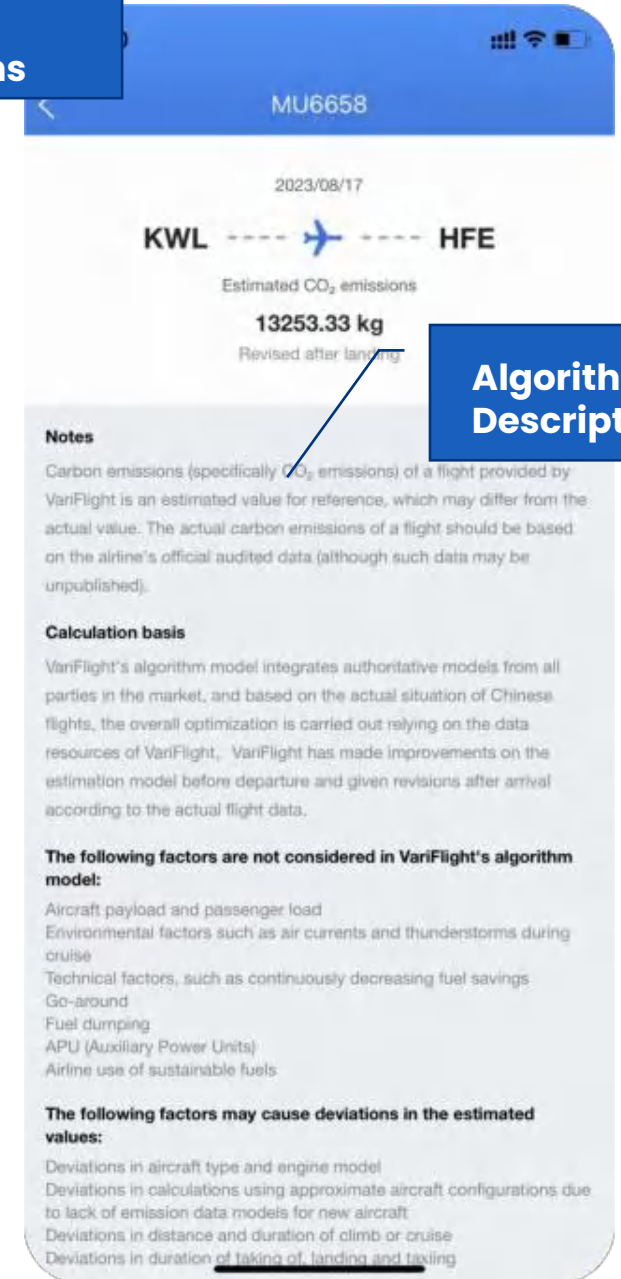
- Accurate carbon footprint monitoring using VariFlight proprietary algorithm.
- Precise carbon benchmarks and offsetting solutions.
- ICAO and EEA compliant – promoting sustainable aviation practices.

“Join us in the fight against climate change with our carbon emission initiatives!”

VariFlight®



Estimated Carbon Emissions

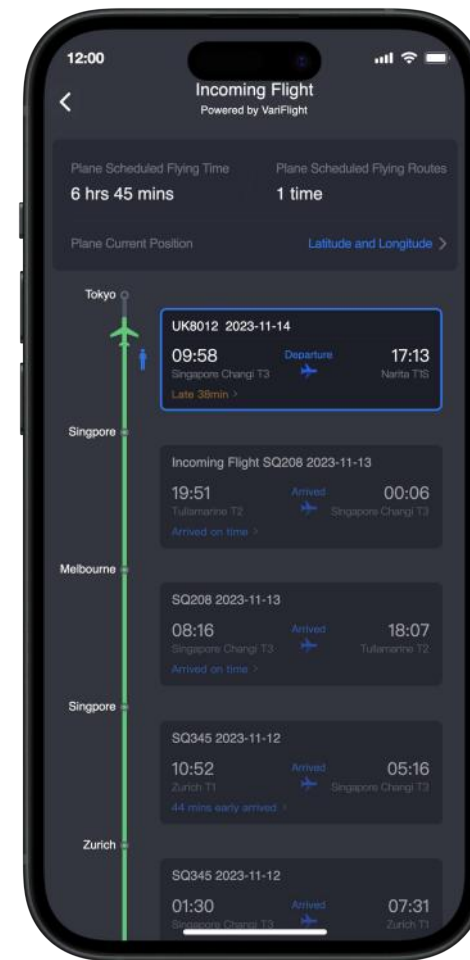
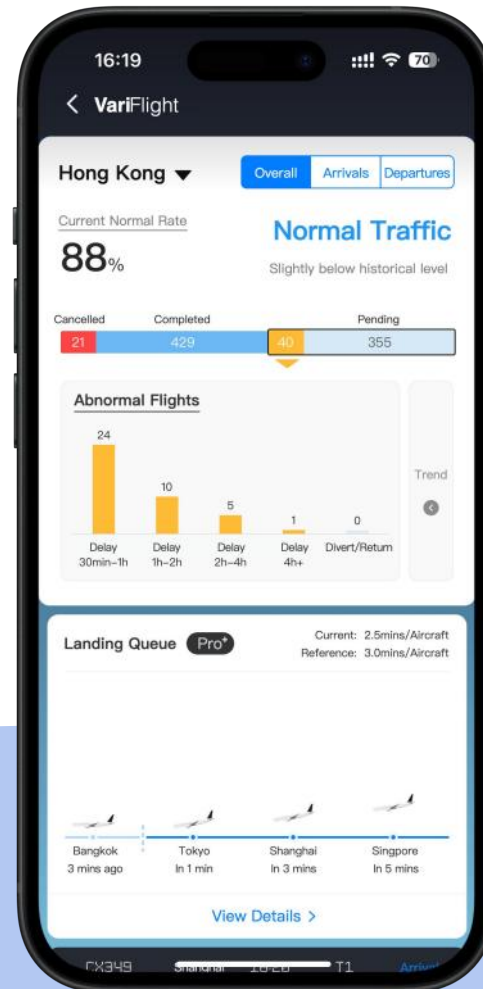


Algorithm Description

Insightful Data Sets

- Flight delay predictions
- Historical flight data analysis
- In-coming flight status
- Airport delay index
- On-time performance analysis
- Airport weather, etc.

VariFlight®



Partners

AMADEUS

Flight disruptions challenge the travel industry as growing capacity strains complex airline networks. We're proud to partner with VariFlight to deliver advanced schedule monitoring for millions globally.

UBS

VariFlight is one of our most reliable data technology providers, they help us to get an overview outlook in our daily analysis.

CEIC

VariFlight's high quality data sets are quite crucial to supplement our macro economic statistics, it helps us to dive into the alternative research related to the transportation sector.

AVIS®

AVIS has been committed to providing users with convenient, comfortable assured, and safe travel experience. This cooperation with VariFlight upgrades our online airport transfer service as well as improves operation efficiency.

1,000+ partners from
30+
countries®ions

AMADEUS

Trip.com

make my trip

Ctrip

KIWI.COM

eDreams ODIGEO

ixigo

skyscanner

CWT

ticket.com

BOEING

AIRBUS

Lufthansa

SINGAPORE AIRLINES

AirAsia

QATAR AIRWAYS 卡塔尔航空

AIR CHINA

AVIS®

DiD

Allianz

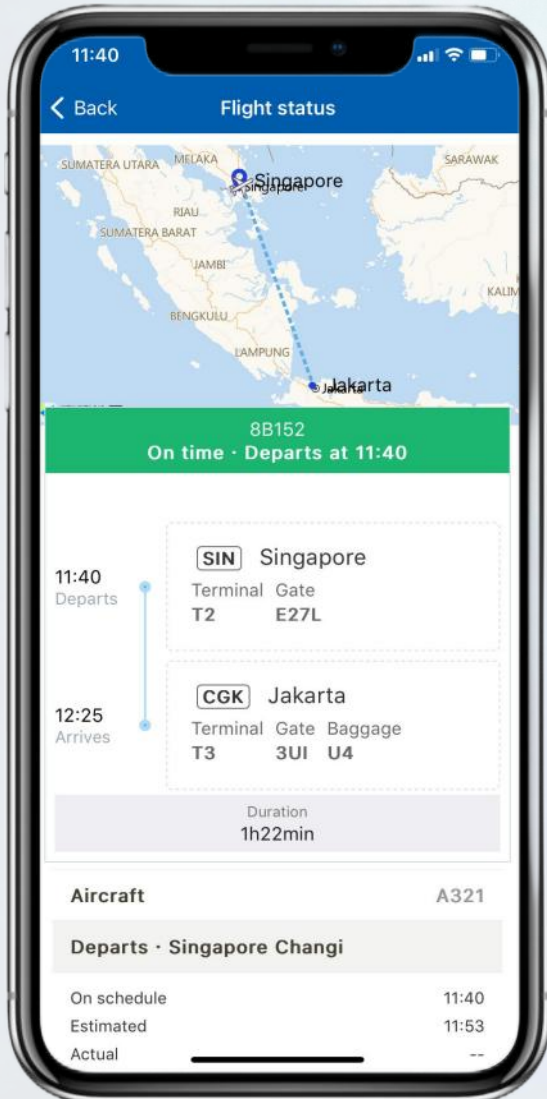
HUAWEI

Tencent 腾讯



2 Use Cases

Flight Status Data



Flight Status
Real-time
Updates On Mobile

eDreams seamlessly integrates VariFlight flight status data into its travel services.

By simply entering the flight number, eDreams users can effortlessly access real-time updates on their flight status, ensuring a smooth and stress free air travel experience. VariFlight offers easy access to detailed information on over 97% of global commercial flights.

ADS-B

ICBC 工银租赁
— ICBC LEASING —

VariFlight®

- Aircraft Leasing
- Civil Aviation
- National Defense

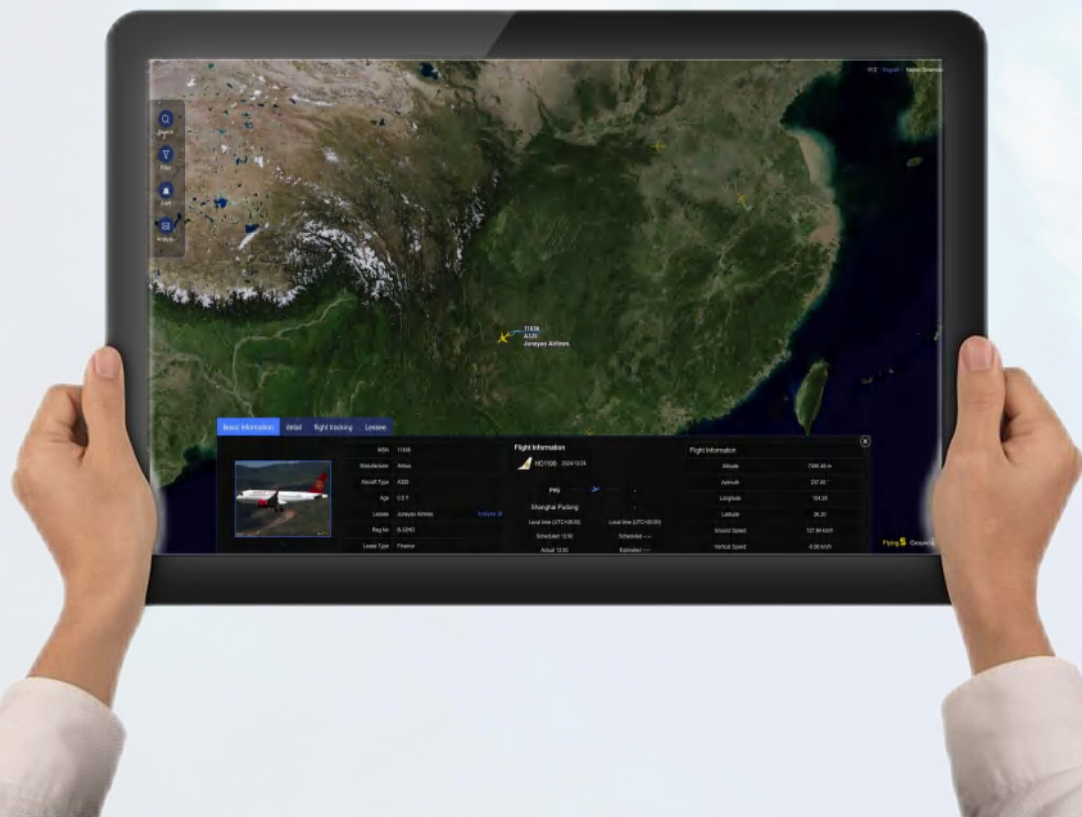
Analyze, evaluate, and control risks of your aircraft assets in real-time through VariFlight integrated monitoring system and aviation data solutions.

- **Keep an eye on your aircraft assets**

Our global ADS-B network empowers lessors with 24/7 fleet monitoring and detailed operational insights for dynamic risk management.

- **Manage your worldwide fleets visually**

Effortlessly manage global fleets with a tailored dashboard, gaining daily operational insights unavailable from operators.





3 VariFlight & DataWorks

About VariFlight

VariFlight, a global leading Aviation Data intelligence company

VariFlight has spearheaded the realisation of flight data transparency

Covered over **97%** of the global commercial flight data

Trusted by over **300 million** travellers and thousands of class-leading businesses around the world

Member of
Civil Air Navigation Services Organization (CANSO)
Airports Council International (ACI)
China Air Transport Association (CATA)
China Civil Airports Association (CCAA)

Observer of
International Civil Aviation Organization (ICAO)



Our Achievements

1,000+
30+

Global Customers

1,000+ partners from more than 30 countries & regions

20+

Profound Experience

20+ years in Civil Aviation

400+

A Professional Team

A team of over 400 professionals providing 24/7 services

1.5
Billion

Advanced Data Centre

VariFlight Data Center processing 1.5 billion pieces of raw data each day (time, status, gate, belt, position, schedule, stand, aircraft, engine, etc.)

1,200+
10,000+

Unrivalled Data Coverage

Data covering 1,279 airlines and 10,968 airports

170,000+

Flight Tracking

ADS-B system monitors over 170,000 flights daily

Excellent R&D Capabilities

01

Founded in 2005, 300+ technical professionals

02

CMMI Level 5 development maturity

03

Award-winning innovative products (WMC Gold Award)

04

ISO 27001 / 9001 / 20000 / 14001 / 37001

05

IDSA-certified Trusted Civil Aviation Data Space Connector

06

Research partnerships with Tsinghua University & National University of Singapore

Dual Headquarters & One Global Mission

Beijing
Hefei
Nanjing
Chengdu
Shanghai
Hong Kong
Singapore

Montreal

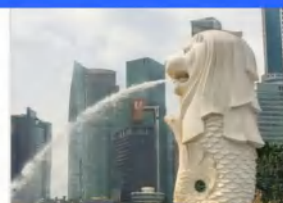
Our mission: Living on Time



Hefei

Building E, High-tech
Innovation Valley, Wengu Road,
High-tech Zone, Hefei, China

*China HQ



Singapore

75 Hight St,
Singapore 179435

*International HQ



Shanghai

7068, Building 2, East Honggiao
Center, 299 Yuele Road,
Changning District, Shanghai,
China



Beijing

6th floor, Building 1, Longfu
Cultural and Creative Park,
No. 95 Longfu Temple Street,
Dongcheng District,
Beijing, China



Nanjing

8/ F, Block C, No. 5 Yongzhi
Rd, Qinhuai District,
Nanjing, China



Chengdu

Unit 2, Building 1, Lai Pudun,
No. 566 Jitai Road, High-tech
Zone, Chengdu, China



Hong Kong

Room 2103, Tung Chiu
Commercial Centre, 193
Lockhart Road, Wan Chai,
Hong Kong SAR, China



Montreal

247-7020 rue Allard Montréal
(Québec) HBNOCs Canada

Contact Us



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User-oriented, Technology-driven

VariFlight[®]