
Flightcell[®]

Always
connected
aircraft.

Who We Are

Flightcell

Setting quality standards since 2000, Flightcell is a global leader in aviation communication and recording systems, leveraging strong strategic relationships with aircraft manufacturers, industry partners and government.

Flightcell's trusted products are highly configurable for operational requirements, with focus on providing solutions to rotorcraft and fixed wing aircraft that specialize in aerial firefighting, air medical, search and rescue, law enforcement, business aviation, oil and gas and military operations.

Our Vision

Flightcell is committed to being a leading global aviation communications organization driven by quality, product leadership and customer service excellence, connecting industry with market leading intuitive products and services.

Our Mission

Flightcell provides high quality, innovative and seamless product solutions to our customers, which brings benefit to all aviation industry partners, and has a culture that values, engages and rewards our employees.



Our Team

Flightcell's diverse and ambitious team specialize in hardware and software development, quality management, sales and marketing and are passionate about evolving technology and exceeding customer expectations.

Nelson, New Zealand

Flightcell is a global business with our valued staff coming from various countries around the world.



NEW ZEALAND



UNITED KINGDOM



SOUTH AFRICA



AUSTRALIA



INDIA



UNITED STATES



BRAZIL



SWEDEN



GERMANY



PHILIPPINES



JAPAN



FRANCE

Our Global Reach

Flightcell's products are available globally across over 40 authorized resellers who are carefully selected to provide you comprehensive product knowledge and support.



Find a reseller

North America

Middle East

Africa

South America

Europe *Flightcell*

North Asia

Australia

New Zealand *Flightcell*

Our Global Reach

Flightcell is proud to supply mission critical cellular and satellite voice, data, tracking and cockpit recording solutions to several global aircraft manufacturers and operators.



Voice, Data & Tracking System

Compact All in One Communication System



FLIGHTCELL CORPORATE BROCHURE

VERSION 1.0

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Flightcell®

Flightcell DZMx PLUS

Voice, Data & Tracking System

Designed for the avionics bay, the Flightcell DZMx PLUS simplifies the upgrade of your legacy tray mounted satellite equipment.

Choose Your Own Airtime & Tracking Provider

Flightcell DZMx PLUS gives you the choice – stay with your current tracking provider or choose your own tracking provider.



GLOBAL VOICE, DATA & TRACKING

CELLULAR & SATELLITE COMMUNICATIONS

WIFI & BLUETOOTH CONNECTIVITY

SOFTWARE DEFINED RECEIVER (OPTIONAL)

CERTUS 100 (OPTIONAL)

MISSION SPECIFIC APPLICATIONS

DESIGNED FOR THE AVIONICS BAY (ARINC TRAY SUPPLIED)

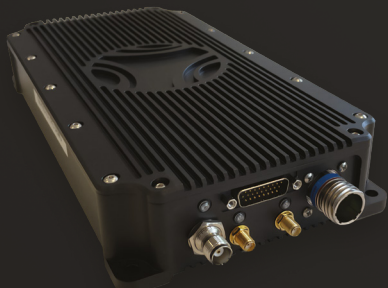


Explore Flightcell
DZMx PLUS

Flightcell® Iridium Certus 100

Midband Satellite Data

Integrating the Flightcell DZMx & DZMx PLUS with the G6 or G6-S satcom terminals provides cost effective mid-band mobile satellite services for small-medium fixed wing and rotorcraft operators. Optimized for aircraft with strict size, weight, and power requirements, Iridium Certus® 100 provides reliable, truly global connectivity for aircraft all over the world.



G6-S: Designed for fixed wing aircraft.



G6: Designed for rotorcraft.

MID-RANGE BI-DIRECTIONAL 88 KBPS IP DATA

IP data speeds up to 88 Kbps ensures quicker uploads of data, files, and images as well as improved compressed video streaming.

HIGH QUALITY VOICE LINE

High quality satellite voice-based communication.

SIGNIFICANT COST SAVINGS

Significant cost savings can be made when data is routed through the Flightcell DZMx cellular option, and when not in range automatically falls back to the G6 or G6-S satellite service.

HIGH RELIABILITY & LOW LATENCY

Iridium's network of 66 cross-linked satellites with multiple overlapping spot beams delivers highly reliable communications anywhere in the world.

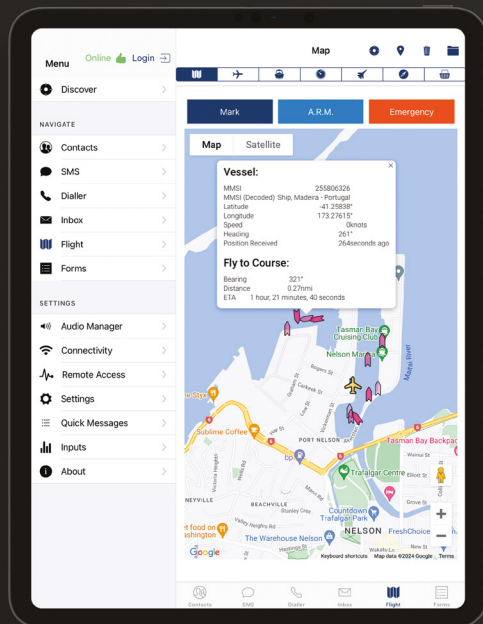


Explore Flightcell
Iridium Certus 100

Flightcell SDR

Software Defined Receiver

Software Defined Receiver (SDR) is a tactical enhancing feature to the Flightcell DZMx & DZMx PLUS, providing greater situational awareness and locator capabilities.



Flightcell SDR

Monitor radio frequencies between 25kHz to 2GHz



Install on new or existing Flightcell DZMx or DZMx PLUS



Control wirelessly (Connect Radio App) or on unit



Connect to Foreflight or OzRunways EFB apps



Connect to iNavX iOS app, or DZMx Connect app, on EFB to view maritime AIS vessel info



Receive ATIS information, marine channel 16 or VHF121.5 MHz



Listen to your favorite radio station and monitor company frequency



Explore Flightcell DZMx

Flightcell SmartHUB

Cockpit Video, Audio & Flight Data Recorder

The Flightcell SmartHUB is the perfect multi-purpose tool - access your data free of charge for immediate post flight analysis, incident investigations and flight training.



Multipurpose Tool

Flightcell SmartHUB & Camera is a cockpit video, audio and flight data recorder, and an access point providing connectivity to multiple onboard devices.



Explore Flightcell
SmartHUB

Flightcell SVS

Safety Voice Services for Air Traffic Communications

Flightcell SVS (Safety Voice Services) provides business turbo prop and small jet operators reliable air traffic voice communications that are not adversely affected by interference that are typical of dated HF technology.

Low Power Consumption

Flightcell SVS is a superior SATVOICE solution to HF systems, only drawing 1A @28V.



EASY DIALLING TO AIR TRAFFIC SERVICES

HF RADIO REPLACEMENT

HIGH QUALITY AUDIO



LONG & SHORT-RANGE COMMS

ABILITY TO CHANGE CALL PRIORITY

MAKE CALLS TO PARTIES OTHER THAN ATS



Explore Flightcell SVS



Flightcell Satphone Cradle

The Flightcell Satphone Cradle ensures your Iridium Extreme phone is always secure in the toughest situations, in the air, on land or sea.



Flightcell DZMx Remote Head

The Flightcell Remote Head is a compact, lightweight additional control head for the Flightcell DZMx. It provides full functionality from one or more remote locations in the aircraft.



Flightcell DZMx Iridium Push-To-Talk

Fast and secure global communications whereby the Flightcell DZMx switches between standard phone mode and PTT mode at the push of a button.



Explore Flightcell DZMx

Industry Solutions

Flightcell's trusted products are highly configurable for operational requirements, with focus on providing solutions to rotorcraft and fixed wing aircraft that operate across several industries.

AERIAL FIRE



- Optimize aerial fire operations using precise real time data
- Built in ATU meets USFS and NAFC reporting requirements
- Real time flight, positioning and bucket/tank performance event data

AIR MEDICAL



- Transmit 12-lead ECG data to emergency department
- High speed data connection to transmit critical patient data
- Retrieve vital patient records in-flight
- Optional second control head exclusively for medical crew

SEARCH & RESCUE



- Talk to lost parties and casualties with cell phone coverage
- Access weather and landing zone information
- Uninterrupted GPS tracking over cellular and satellite networks
- Iridium Push-to-Talk (PTT) secure group communications

Industry Solutions

Flightcell's trusted products are highly configurable for operational requirements, with focus on providing solutions to rotorcraft and fixed wing aircraft that operate across several industries.

LAW ENFORCEMENT



- Voice, data and tracking over cost effective cellular network
- Back up Iridium Satellite network when outside cellular range
- Uninterrupted GPS tracking over cellular and satellite networks
- Connect mission systems over Wi-Fi and ethernet
- Secure Iridium Push-to-Talk (PTT) group communications

MILITARY



- Global communications over Iridium Satellite network
- Field proven and trusted by US Navy, Air Force & Army
- Rugged all-in-one and easy to use systems
- GSA & DISA approved products (Flightcell DZMx & SVS)
- Iridium Push-To-Talk (PTT), Satphone cradle & Iridium Certus options

BUSINESS AVIATION



- Light and compact all-in-one global SATVOICE solution
- HF radio replacement
- High quality audio with no interference or radio fading
- Easy dialing to Air Traffic Services
- Make calls to parties other than Air Traffic Services
- Ability to change call priority

Flightcell®

Always Connected

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