



spidertracks

The background of the entire image is a photograph of a sunset. The sun is a bright, glowing orb positioned just above the horizon line, which is defined by the silhouettes of a mountain range. The sky is a gradient of warm colors, from a deep orange near the horizon to a lighter, hazy orange at the top. The mountains in the foreground are dark and silhouetted against the bright sky.

**From takeoff to landing,**

**we're with you for the  
entire journey.**



Getting your team home safely every day to their loved ones is always front-of-mind, and responsible operators ensure they have the best-practice tools and procedures to protect their team and assets.

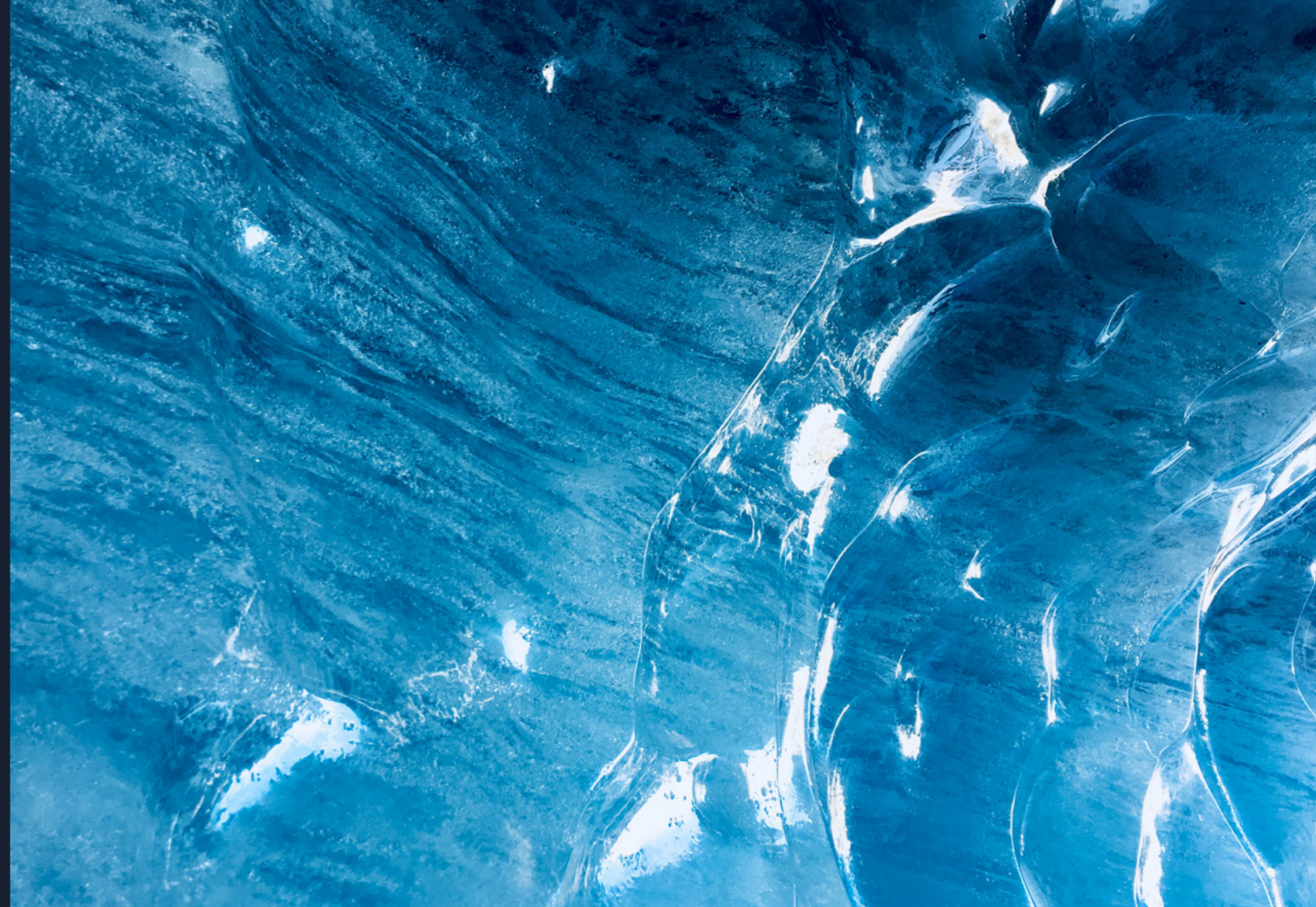
## That's Why **Spidertracks** Exists

More than a decade ago, we were born out of heartbreak and frustration upon seeing a high-profile pilot and passenger disappear. The resulting search and rescue effort took 2 full weeks, which was too late.

Perplexed by the lack of a reliable and affordable solution, a few creative and curious minds in the Manawatu (New Zealand) got to work, and the idea for Spidertracks was born.

These devices are now accompanying thousands of aircraft owners and operators around the world, ensuring pilots and team members stay connected, no matter where they fly.

Let's make the aviation community a safer place to live and operate in, **together.**





## Your Partner **In Safety**

Our global team is driven to innovate and continuously work towards solving problems our industry faces, and make information about an aircraft's journey more easily accessible, understandable and available — at an affordable cost.

With a Spider on board, you will have the ability to not only see **where** your aircraft are flying, but also know **how** they're flying.

Spiders have followed, supported and undertaken journeys with aviators located all around the world for over a decade, accumulating millions of flight hours, covering miles of terrain, and tracking hundreds of thousands of routes.

Know more — your flights can now become **more than just a dot on the map**.

## Know More With Spider X

Easily equip your aircraft with **Spider X**, and gain access to Virtual FDR™, real-time aircraft tracking and reliable two-way communication for a smarter, safer journey.

This powerful device is the ultimate companion for your pilots and crew, and is packed with forward-thinking technology, including:

- USB-C
- Built-in Bluetooth
- Cellular\* connectivity for post-flight wireless data transfers
- Storing up to 14 hours of flight data when out of cellular range
- No SD card = no fuss — data about an aircraft's journey is downloaded wirelessly
- No lithium-ion batteries = no risk

\*Cellular data transfer is not supported in all regions due to local infrastructure. Contact us to discuss your requirements.





## Spider X will enable your team to:

- View an aircraft's flight history in 3D
- Review flight data using **Insights** visual dashboards
- Transmit high-definition flight tracks (up to 12 position reports per minute)
- Easily trigger a pre-programmed SOS response with the push of a button

### Technical Specifications:

#### Dimensions

4.0" x 5.4" x 1.0"

102mm x 137mm x 26mm

#### Weight

0.55lb | 250g

# The Innovative Flight Data Monitoring Solution - **Virtual FDR™™**

Enabled on all Spider X devices, **Virtual FDR™™** records and transmits important flight data automatically — your crew don't have to do a thing. Analyse this data using visual dashboards to increase safety and efficiencies, and review your flight history in a realistic 3D environment.

## **High Definition Flight Tracking**

Virtual FDR™™ logs a high-definition flight track and accurate AHRS data. The data is delivered to the Spidertracks platform wirelessly post-flight, enabling flight replays in stunning 3D, powerful flight safety reports, and more.





## Introducing **Insights**

**Insights** extends our Virtual FDR™™ technology, enabling you to set, analyse, filter and download digital flight data from your aircraft — wirelessly.

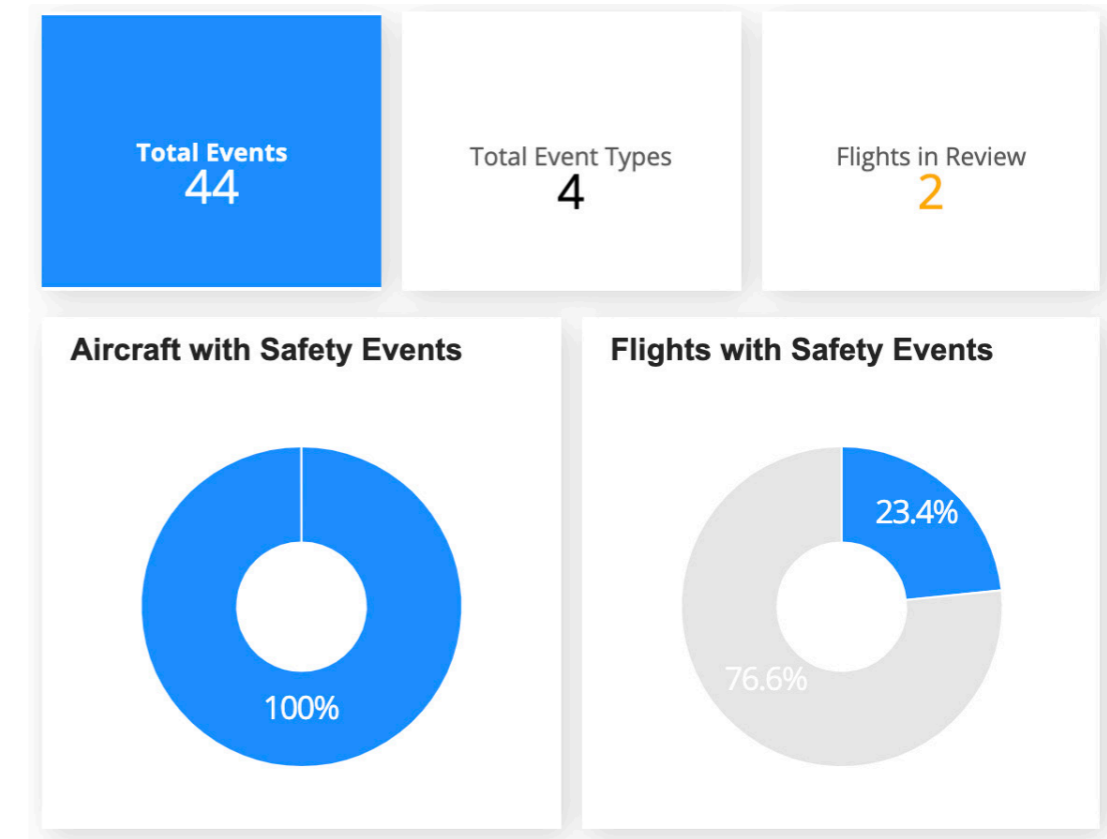
Our new visual reporting dashboards give you the ability to easily interpret this flight data, helping you to make better, well-informed decisions.

## You're In Control

### View information such as:

- The number of flights in the selected time period
- The number of Safety Events in a selected time period
- Percentage of flights with Safety Events
- Ranking of most common Safety Events for the organisation
- Location of Safety Events on a map
- Trend of Safety Events by type of event

Equipping your pilots with the right tools will enhance training, reveal opportunities for improvement, create greater efficiencies in your operations, and ultimately, increase safety for your crew.



We call these **Safety Events** — Insights transforms flight data into visual data, which makes the information about your aircraft easier to understand.



## Review Your **Flight History in 3D**

Review your flights in a realistic 3D environment, right within the Spidertracks platform.

Once your team is back on the ground, flight data about their journey is transferred automatically via the cloud, directly from Spider X.

Use this information to enhance safety, get a detailed look into how your pilots are flying, provide continual training for performance improvements, and further drive efficiency and profitability in your business.

## We Work With **Industry Leaders**

We understand it's essential that you have access to up-to-date weather information to help keep your people safe, and your aircraft operating efficiently.

That's why we've partnered with **Baron**<sup>®</sup>, the leaders in aviation weather intelligence, to give you access to real-time weather information and visuals within the Spidertracks platform.

### **Simple, Powerful, Live, Real-Time.**

Select from an extensive range of visual weather map overlays, including high-resolution radar, infrared satellite imagery, lightning, winds aloft, METARs, NOTAMs, TAFs, and more.





## Communicate With Your Crew **Anywhere On The Planet**

Spidertxt provides unlimited and secure communication to and from your aircraft's cockpit, regardless of whether or not you have cellular reception. This is made possible via our dedicated channel on the **Iridium®** satellite network.

By automatically determining which network (local cellular or satellite) has a stronger signal, Spidertxt sends your message through the fastest channel — meaning there is no loss of coverage.

Spidertxt send messages from person to person rather than from number to number, and streamlines your messages into one thread — simple.

## Rest Assured with Automated SOS Reporting — Spiderwatch™

Spidertracks' Watch Mode is your aircraft's guardian angel, and requires no work on the pilot's behalf.

Watch Mode sends a position report at 1-minute intervals. If 15 minutes pass with no report, the Spidertracks platform will automatically start your emergency management process.


If an aircraft is lost or out of contact, you can quickly log in to the Spidertracks platform on your desktop, mobile, or tablet device to get the precise last known location and provide this to the emergency response team. You can easily export tracks to provide to third parties if needed.



## Legendary **Support**

Our partnership with you doesn't end at the sale. Our global team is readily available and here to support you, 24/7.

We'll keep in touch on a regular basis to ensure everything is running smoothly, and work with you to solve any challenges you may face.



*"Your support team is top notch as well-always available, can actually explain things in terms we can understand - big help when we were setting up etc... once you get past those funny accents (that's a joke... we love the accents!)."*

*Wish we had done this years ago. It is a simple, well thought out, well supported system - we have had no glitches unlike a lot of the technology today."*

*- CHRIS DAY, EMERALD AIR SERVICE*

A dense forest of evergreen trees, likely spruce or fir, covering a hillside. The trees are a deep green color. On the left side of the image, there is a thick mist or smoke that rises from the forest floor, partially obscuring the trees in the background. The lighting is soft, suggesting an overcast day or early morning.

**Your Partner**  
**In Safety**



**[www.spidertracks.com](http://www.spidertracks.com)**