

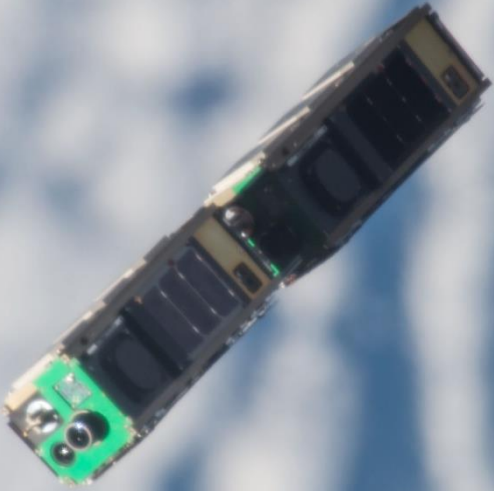
SPIRE GLOBAL, INC.

May 2018

Keith Johnson



Spire Today

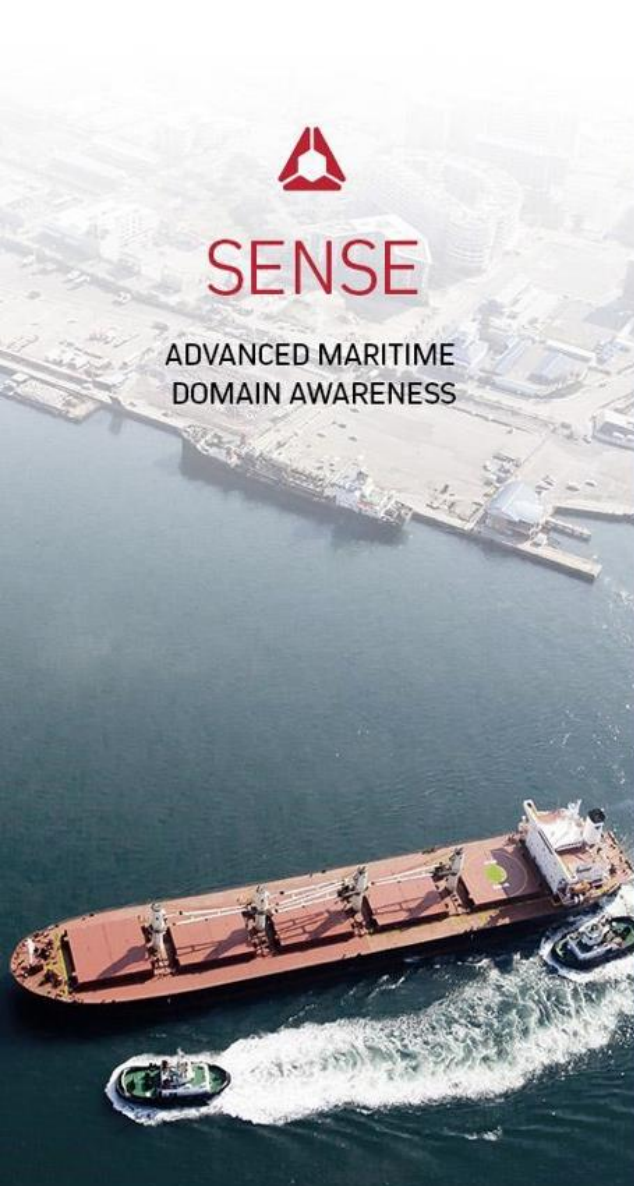


- 140 people across 5 offices
 - San Francisco, Boulder, Glasgow, Luxembourg, and Singapore
- 57+ satellites in orbit and 25+ global ground stations
 - 15 Launch campaigns completed with 7 different launch providers
 - Ground station network owned and operated inhouse for highest level of security and resilience
- Each point on Earth visited 100 times per day
 - Complete global coverage including Arctic
- Deploying new applications within 6-12 months
 - Example: Plane tracking at cost of 1/100th of traditional approach



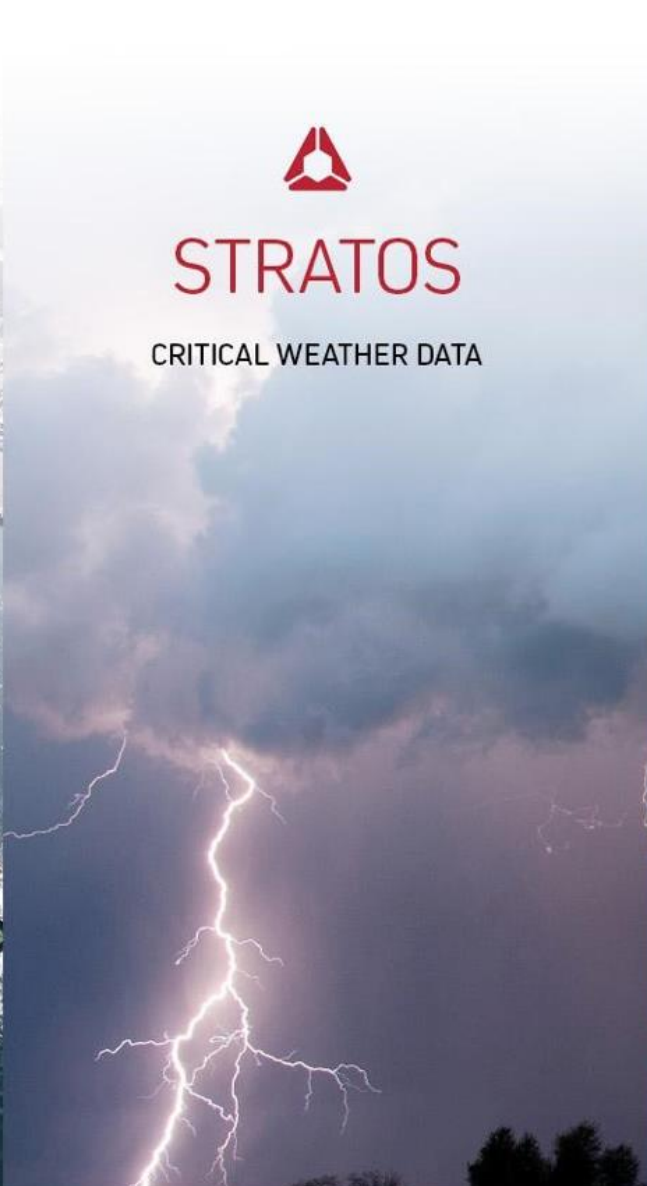
SENSE

ADVANCED MARITIME
DOMAIN AWARENESS



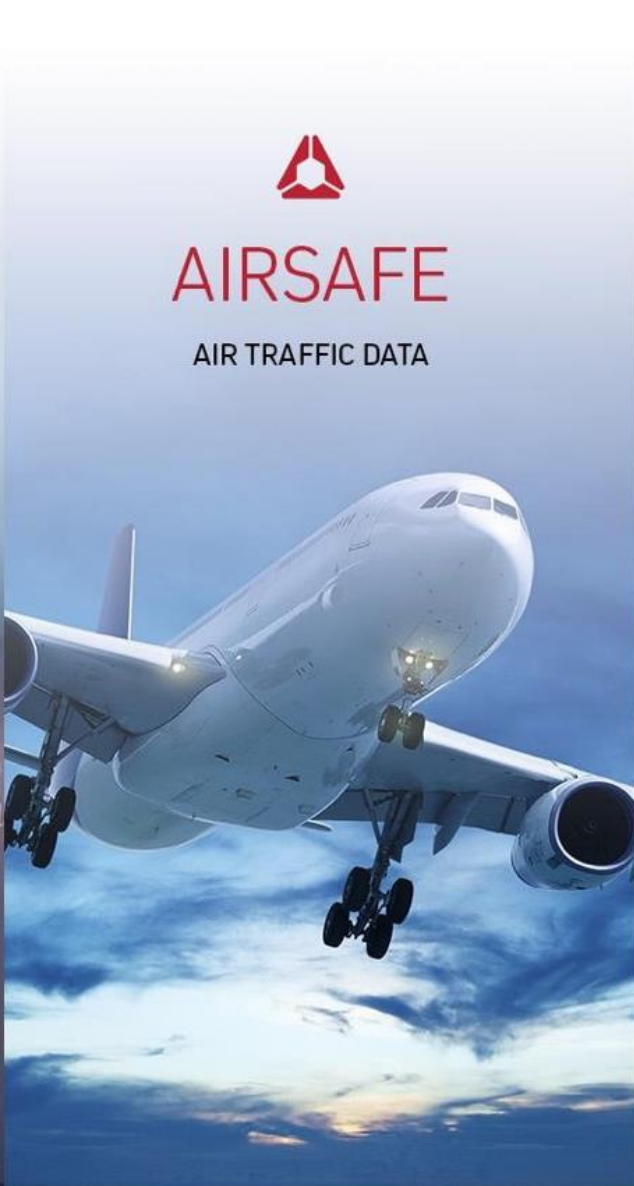
STRATOS

CRITICAL WEATHER DATA



AIRSAFE

AIR TRAFFIC DATA



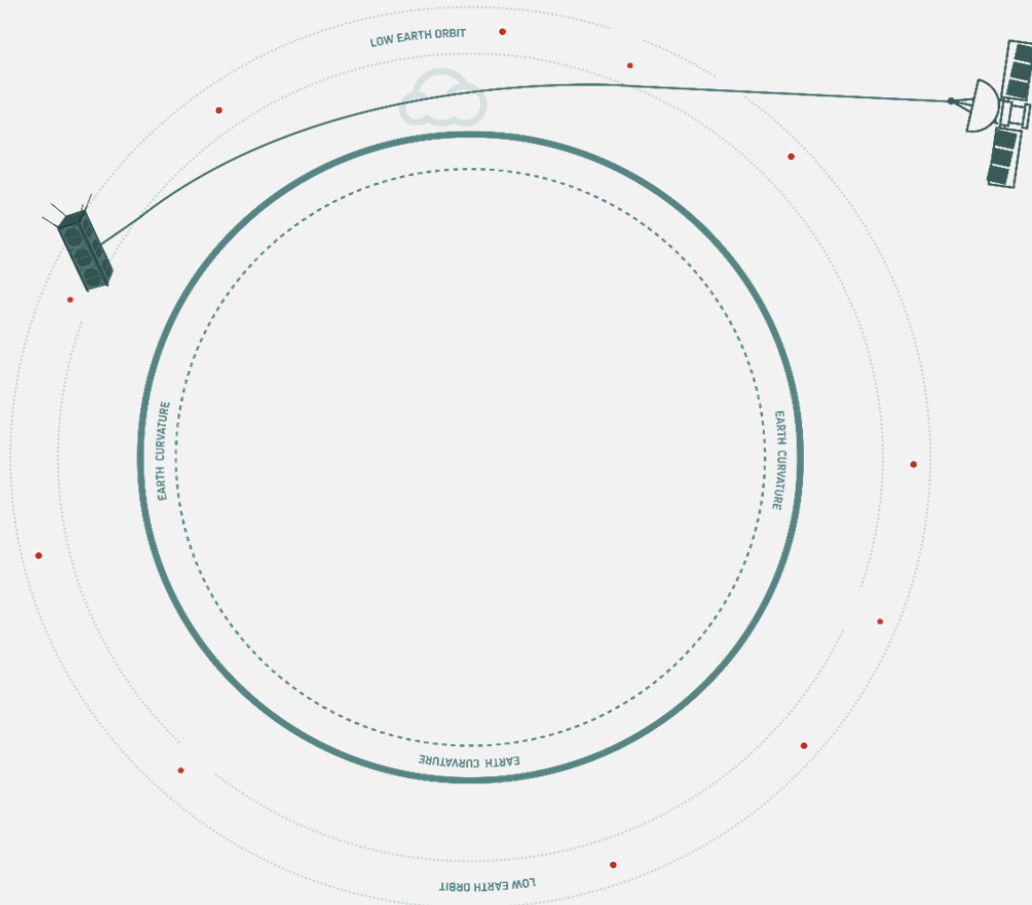
CUSTOM

SPACE AS A SERVICE



SPIRE OPERATES IN 4 MAJOR MARKET SEGMENTS

STRATOS – Overview



The Spire Weather Data Chain

Spire's satellite collects GPS (and soon GNSS) data



Spire processes data into profiles



Profiles are sent to forecasting agencies
(NOAA, UKMET, etc)



Data integrated into forecasts

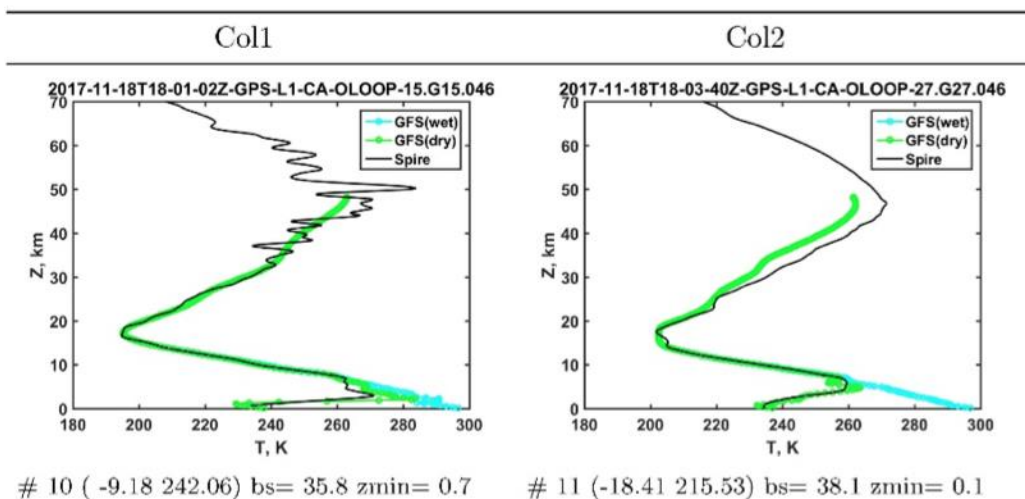


Forecasts distributed to broadcasters/websites

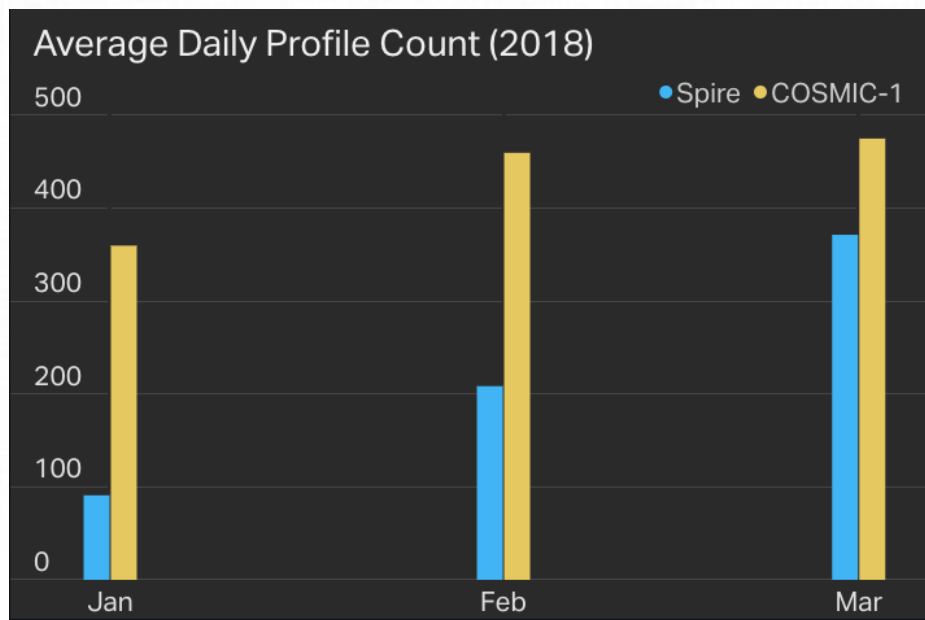


You go to weather.com (or similar site)

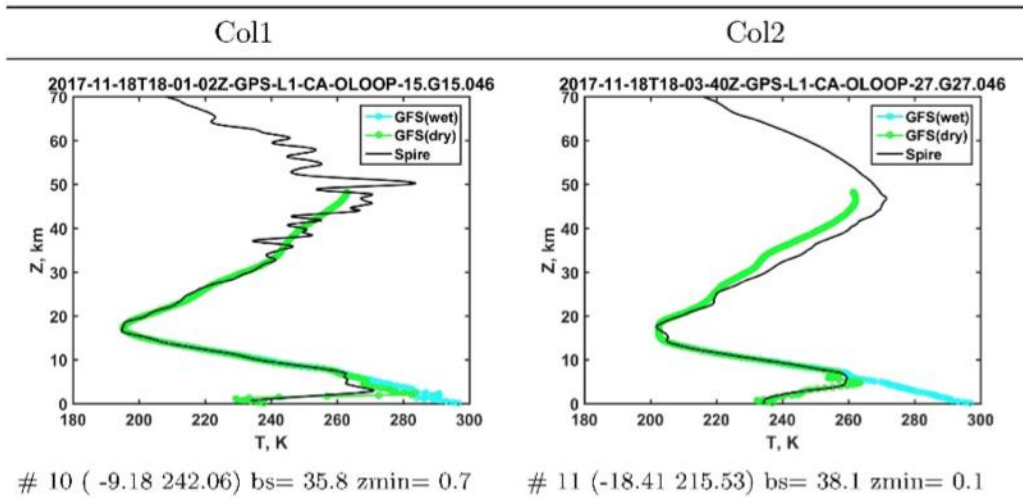
STRATOS - Today



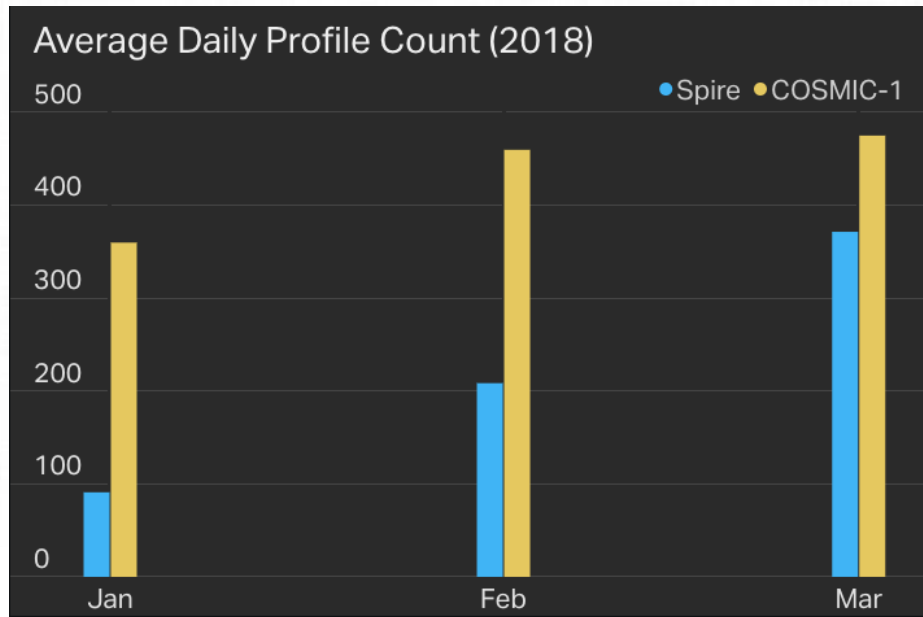
- World's first commercial GPS-RO profile ✓
- World's first commercial RO processing center (equivalent to leading academic results) ✓
- COSMIC-1 quality profile ✓
- Precise Orbit Determination ✓
- Penetration to ground ✓
- NOAA Weather Data Pilot 1 ✓
- GPS L2P signal reception/processing ✓



STRATOS - Tomorrow



- Scaling to 10,000 and 100,000 profiles per day
- Additional satellites being added nearly every month



Questions?

For any questions, please contact:

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