



SKYTRAC PERSPECTIVE: TRACKING LESSONS LEARNED AND GADSS CHALLENGES

GROWTH THROUGH 2017

SYSTEMS CERTIFIED
ON OVER 900
AIRFRAMES
FIXED AND
ROTARY WING

AS9100
CERTIFIED

BUSINESS
INTELLIGENCE
SUITE

TRANSPORT
CANADA
DELEGATIONS

OVER 6,500
GLOBAL USERS

GLOBAL
SATCOM
COMMUNICATION

24/7/365
SUPPORT

ROYNAT
EQUITY PARTNERS

EARLY CASE EXAMPLE

- Over a decade ago
- Remote location
- Incident during aircraft power down
- Distress alert
- Continued position reporting
- Response team deployed
- Passengers & crew recovered



SKYTRAC ISAT-200A

Enabling aircraft flight tracking

LIGHTWEIGHT & AUTONOMOUS OPERATION

Intuitive
8-character
programming
display

Quick-access
USB port or
satellite data
transfer

8.5 oz
(242 g)



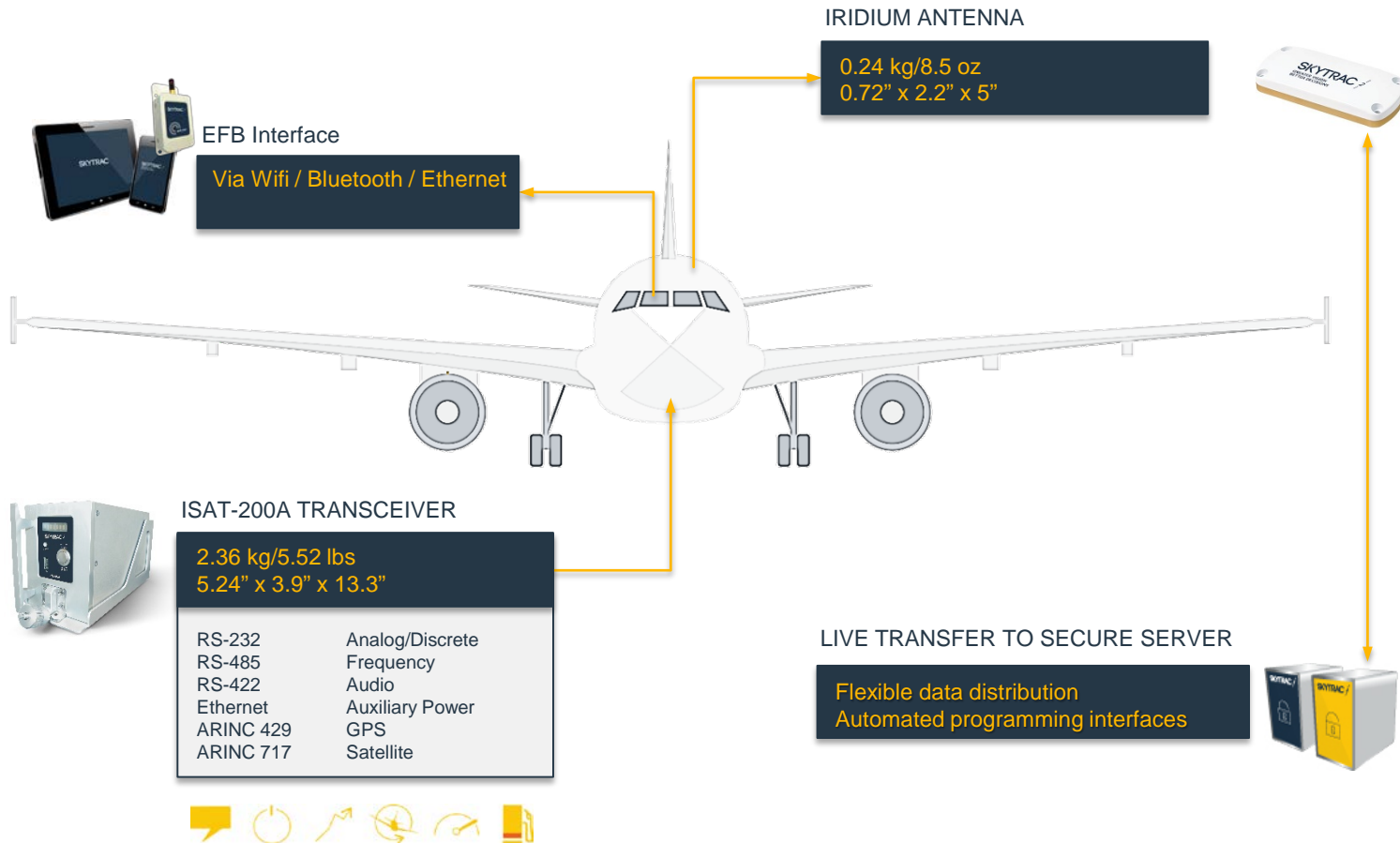
Internal
battery.
Autonomous
operation in
emergency
power-out
conditions.

Analog / digital /
discrete inputs.

"Smart" mount with
configuration
memory.

5.52 lbs
(2.51 kg)

SIMPLE, SCLABLE, MINIMALLY INTRUSIVE



SKYTRAC GADSS

Functional overview

ICAO GADSS CONCEPT SUMMARY

November 2018

January 2021

AT

- GPS position reports min. 15-minute intervals
- Required overwater, recommended in remote areas

DISTRESS CONDITION

- Loss of contact, power, altitude, attitude, speed, terrain, other
- Triggers 4D/1 position reports

AD-T

- Alert types transmitted to operator
- Autonomous from aircraft electrical power

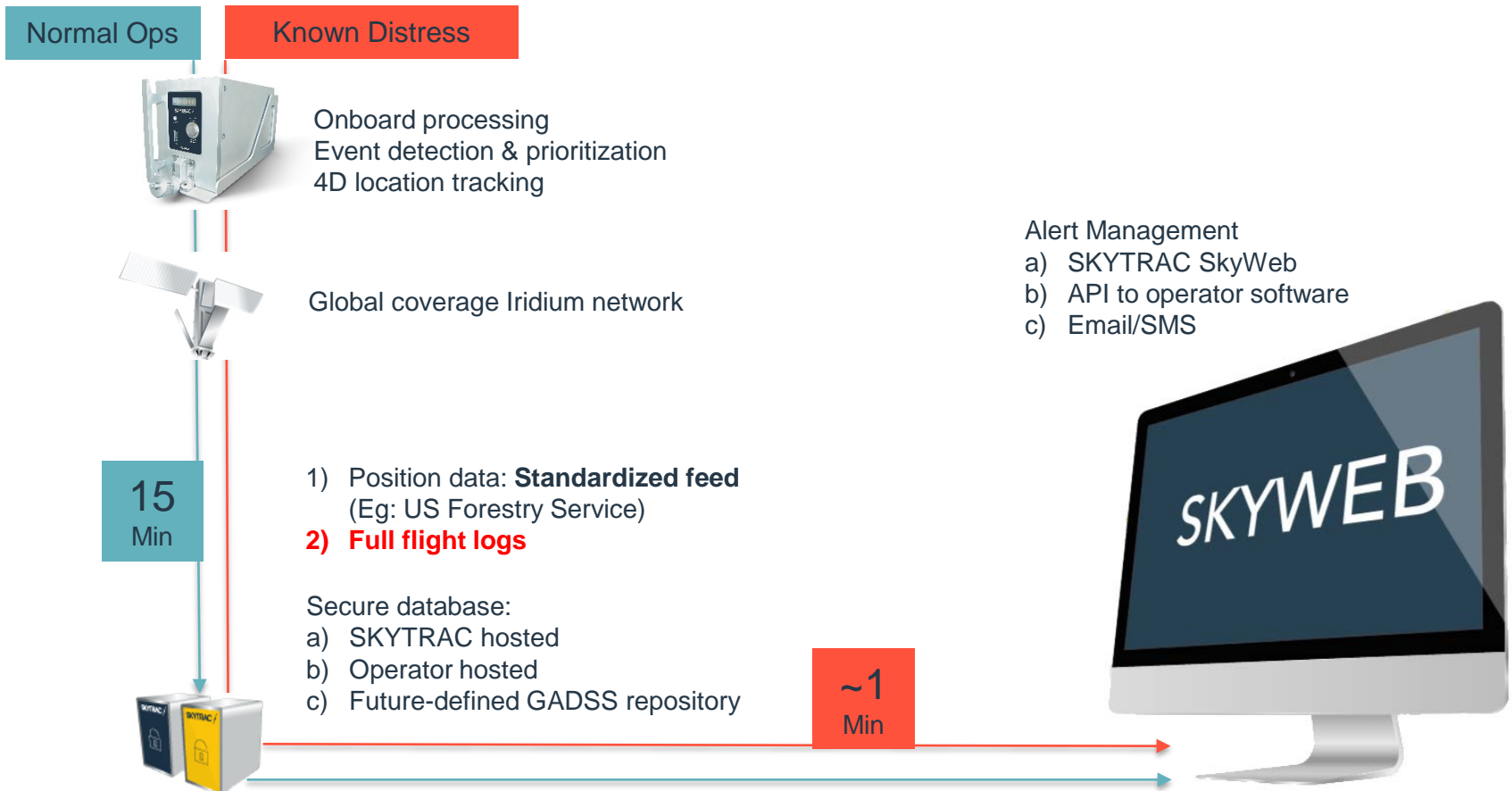
- Streaming of flight data or recovery of FDR for efficient flight data retrieval



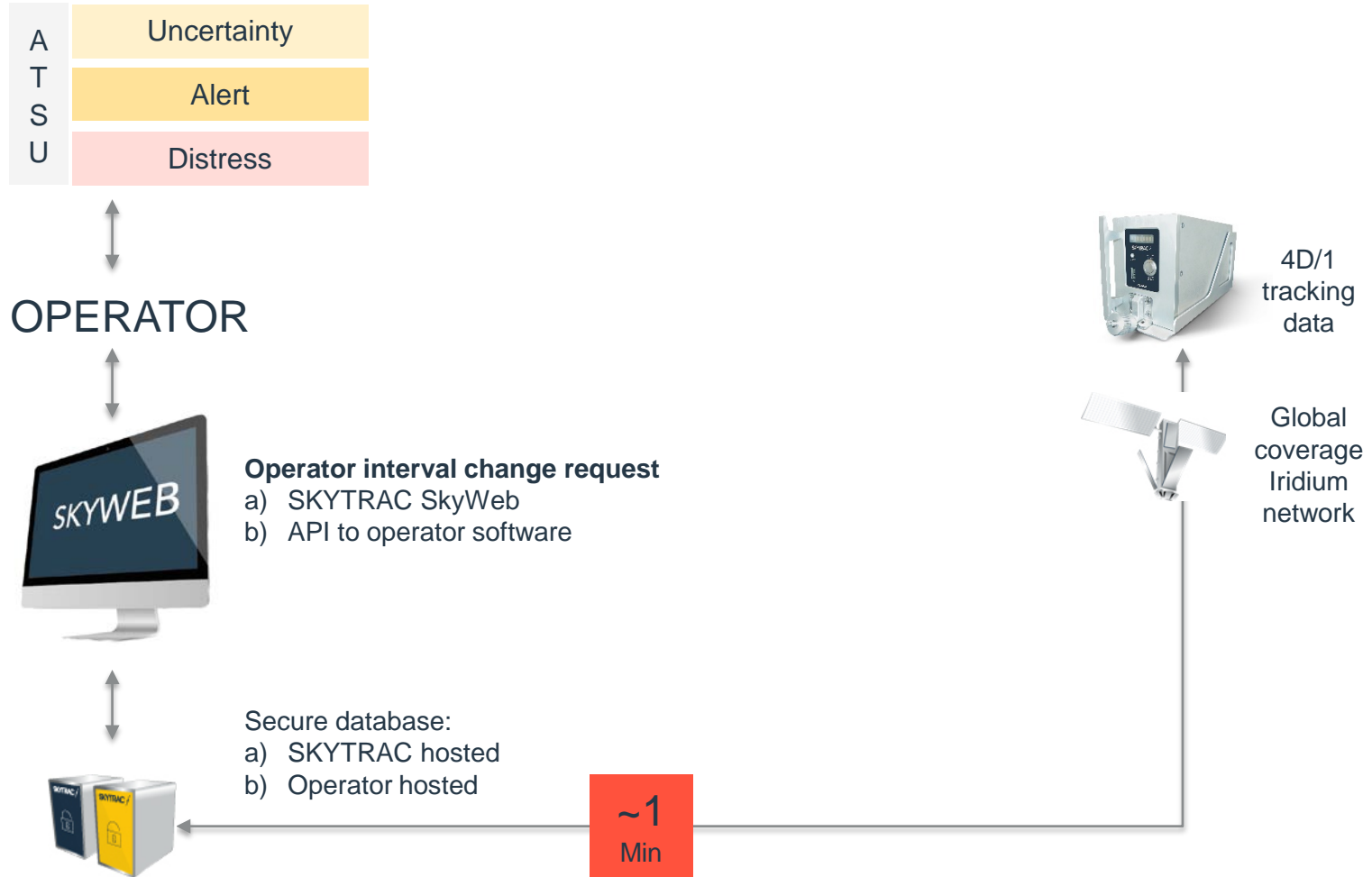
19+ seats, >27,000KG

RETRIEVAL
ADFR or alternative

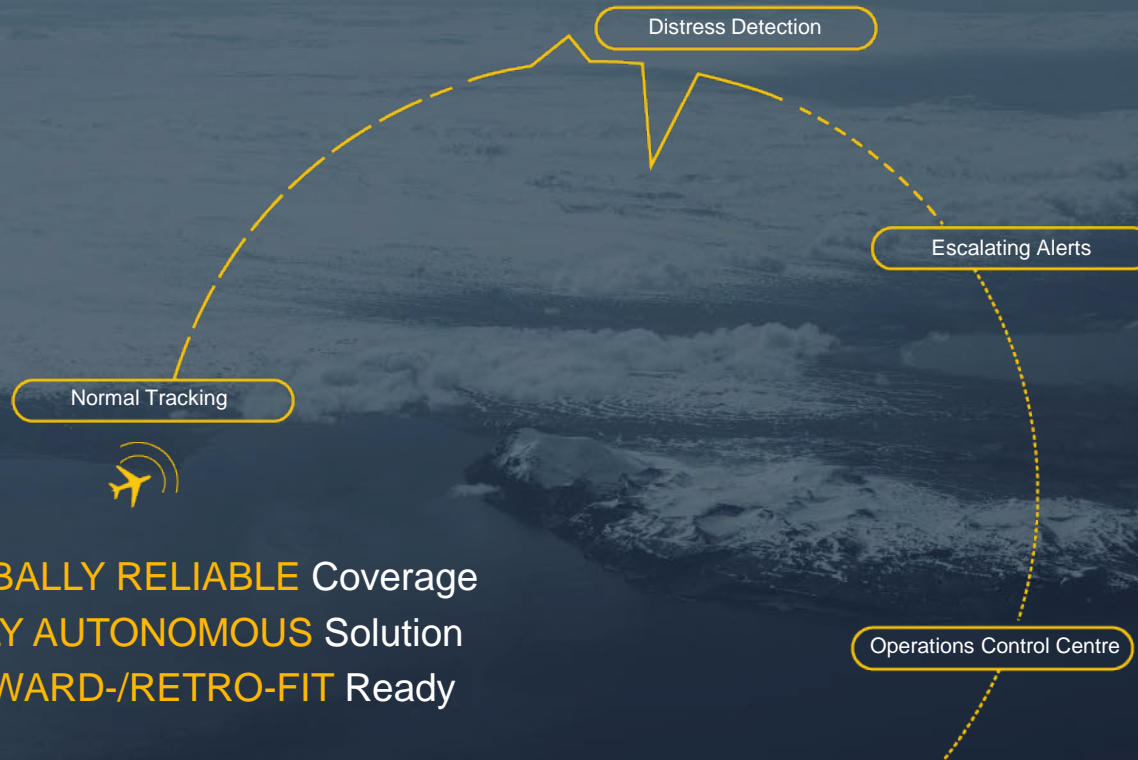
AIR-TO-GROUND NOTIFICATION



MANUAL GROUND-TO-AIR 4D/1 TRIGGERING



SKYTRAC GADSS



- **GLOBALLY RELIABLE** Coverage
- **FULLY AUTONOMOUS** Solution
- **FORWARD-/RETRO-FIT** Ready

A helicopter is shown in flight, positioned centrally in the lower half of the frame. The background features a serene landscape with a calm lake reflecting the sky, and rolling mountains in the distance. The overall color palette is muted, consisting of various shades of blue and grey, creating a professional and calm atmosphere.

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data-driven solutions that
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and drive revenue.