

# TOTEM MULTI-APPLICATION SDR PAYLOAD

by SDR Technology



The **TOTEM SDR Multi-Application** configuration can include all TOTEM payload applications in one single SDR motherboard with **multiple\* piggyback frontends** enabling the use of Multi-Applications simultaneously in a single payload.

The Multiapp Bundle can include the ADS-B, AIS, DVB-S2 and custom application in multiple bands, up to 2 TX and 3 RX bands per TOTEM motherboard.

## APPLICATIONS WITH FLIGHT HERITAGE

- ADS-B Receiver for aviation
- AIS Receiver for maritime
- DVB-S2 transmitter for high data rate communications
- Spectrum monitoring for SIGINT

## FRONT-END PIGGYBACK

- UHF: 395 - 410 MHz
- UHF: 430 - 440 MHz
- VHF: 156 - 162 MHz
- S-band:
  - RX (Uplink): 2025 - 2110 MHz

> **TOTEM SDR Technology** enables safe in-orbit updates and Multi-Application use

> **Check Multi-Application compatibility for simultaneous use:**

App/Status	AIS Receiver	ADS-B Receiver	DVB-S2 Transmitter
AIS Receiver	ON	OFF	ON/OFF*
ADS-B Receiver	OFF	ON	ON/OFF*
DVB-S2 Transmitter	ON	ON	ON

