

# Rockwell Collins ARINCDirect Flight Support Services

*Weather Observation and Forecast Services Integration*

# Rockwell Collins ARINCDirect flight support services' four pillars

**Flight planning & data link**

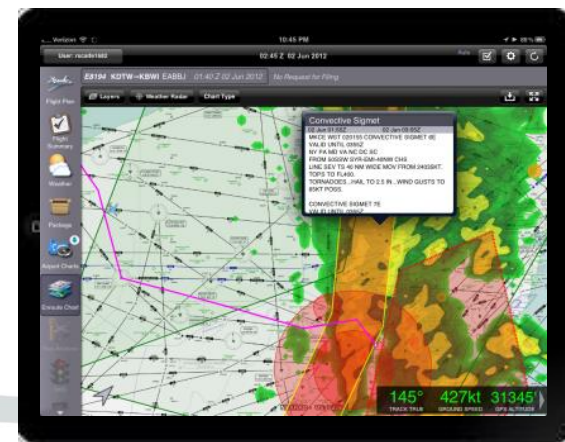
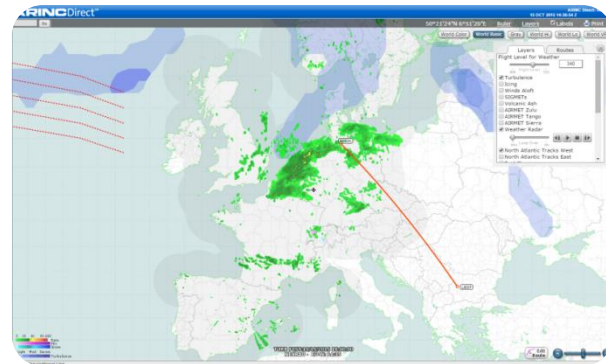
**International Trip Support (ITS)**

**Cabin connectivity**

**Flight Operations System (FOS)**

# Integrated Mapping and Weather Services

- Interactive GIS mapping tools accessible via Web Application or Mobile App, including products such as:
  - Enhanced flight hazard graphics (turbulence, icing, t-storms)
  - NEXRAD radar and global satellite
  - Flight route and device location overlaid
- Partnered with Schneider Electric
- Text weather (METARs, TAFs, NOTAMs, etc.)
- Graphical weather charts with flight path overlays
- Passenger weather briefs
- Winds and temps aloft data
- Access to aviation meteorologist (staff of 30) for consultation and custom briefings
- International flight weather briefs prepared by meteorological team



Available during flight with  
broadband connectivity Wi-Fi

# Datalink Weather & XM WX

- Data delivered via ACARS messaging using VHF or satellite connectivity
- Flight Deck Weather Graphics (varies by unit)
  - Global ground radar (many global regions) with echo tops in US/Canada
  - Satellite
  - Winds and Temps Aloft
  - Turbulence
  - Icing
  - Weather depiction (flight rule conditions)
- Multiple flight deck platforms supported:
  - Rockwell Collins Pro Line 21®
  - Rockwell Collins Pro Line Fusion®
  - Honeywell Primus Epic®
  - and some Honeywell AFIS® units
- XM Weather (CONUS coverage) reseller

