

MEANDAIR GOES LIVE ON SMARTSKY NETWORKS' GLOBAL PREDICTIVE WEATHER DATA SUITE

News / Airlines



Meandair launches Meandair weather nowcasting products on the SmartSky Predictive Weather Data Suite. Meandair agreed to join the predictive weather data suite that is delivered via SmartSky Skytelligence data exchange. Now that the reseller agreement is in place, U.S. airline dispatch, FBOs, airports and ground operations can access Meandair predictive weather capabilities via Skytelligence.

Meandair is of particular value to the aviation industry because accurate situational awareness about current and near-term weather conditions is of vital importance to support timely decision-making and ensure safe and efficient operations. Utilizing the power of its Meandair Nowcasting Weather Engine, Meandair supplies accurate, localized weather forecasts for the coming minutes and hours which are updated in near real-time with an unprecedented below 7 minutes latency.

Peter Novák, Managing Director for Meandair, commented: "We are thrilled to offer our unique aviation weather nowcasting datastream via Smartsky's Skytelligence platform. The partnership with Smartsky, premier provider of connectivity in aviation, allows us to jointly deliver on our core mission: to support operational decision-making in aviation right when the information is of the

highest importance -- shortly before take-offs, in-flight and right before a landing. We are delighted to work with the SmartSky team to deliver our unique technology to their clients."

At the core, Meandair Nowcasting Weather Engine technology assimilates numerical weather prediction forecasts with near real-time observations from a multitude of weather sensors including satellites, a network of ground stations, radar, as well as data streams from flying aircraft, into a comprehensive 3D snapshot of the atmospheric column. Subsequently, relying on the company's deep expertise in meteorology, AI and algorithms, the Engine extrapolates the evolution of the weather for the coming minutes and hours over not only mainlands, but also over remote regions and oceans.

The company delivers the finalized 4D datasets, spot forecasts and graphically rendered end-user products every 15 minutes. Meandair's Nowcasting Weather Engine delivers 24/7 an ever-growing repertoire of data products including cloud structure at altitudes, synthetic precipitation radar, active thunderstorms detection, turbulence predictions, as well as AW-METAR/AW-TAF reports providing flight conditions at all small and large airports and heliports.

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