Lufthansa Systems

Certified worldwide terrain data for the aviation industry

Lido Surface Data NEXTView

Discover the world's first **high-resolution geospatial digital elevation model** specifically designed to fulfil the needs of the aviation industry.

Inaccurate or outdated terrain data in your aviation applications and systems can pose a serious safety threat. This is why the Lido Surface Data NEXTView not only provides the **highest quality of data**, but also incorporates our **certified airport database** in the terrain computation process. This unique process substantially increases the **accuracy and reliability** of the dataset, particularly around airports, where the availability and precision of data is crucial.

Lido Surface Data NEXTView was developed in **collaboration with Intermap Technologies**, an industry leader in geospatial intelligence solutions with long-lasting expertise in the field of digital elevation models. By combining the expertise of both companies, we were able to create this novel product which **improves flight safety and situational awareness** for airborne and ground operations.

Key benefits & features



Worldwide Coverage 100% inclusion of the Earth's surface – 150 million square kilometers



Detailed Surface Data Seamless 6-meter digital surface model (DSM) of the Earth



High Vertical Accuracy Up to 3-meter vertical accuracy that meets ICAO Annex 15 specifications



EASA Certified

Fulfills all relevant industry standards and is certified according to EASA Service Provider Certificate Type 1



Aerodromes

Detailed modeling of aerodromes and runways

Up-to-date



Data continuously updated to address shifts in an ever-changing environment

See the difference

Our **safety-critical** aeronautical navigation database drastically reveals islands, terrain, and obstacles that are missing or incorrect in other datasets.



SRTM



Lido Surface Data NEXTView

Designed for aviation applications

Aviation applications **require reliable up-to-date elevation data** as safety is paramount. Lido Surface Data NEXTView is specifically designed for aviation applications and systems, including:

- synthetic vision systems (SVS) and combined vision systems (CVS)
- terrain awareness and enhanced ground proximity warning systems (TAWS, EGPWS)
- flight planning, procedure design, and performance calculation
- charting, maps, navigation, and simulation
- emergency landing site location evaluation, and drift down procedure calculation
- drone operations, drone planning



Increased safety with the incorporation of highly accurate airport details.

Detailed specifications

Coverage	Worldwide
Data type	Digital surface model (DSM)
Posting	6.0 m (nominal, varies by latitude)
Absolute vertical accuracy	3.0 m – 20 m LE90 (depending on surface and slope)
Absolute horizontal accuracy	5.0 m CE90
Projection/datum	Geographic, WGS84 datum, EGM2008 geoid
Certification	Commission Implementing Regulation (EU) 2017/373 (EASA Type 1 Certification) RTCA DO-200B, RTCA DO-276C, RTCA DO-291C
Building coverage	>80% of buildings in populated areas worldwide
Data update	Continually updated

 For more information please contact marketing@LHsystems.com