Lido Surface Data NEXTView

Certified worldwide terrain data for the aviation industry.

Setting the benchmark

Discover the world's first high-resolution geospatial digital elevation model engineered specifically to meet the stringent demands of the aviation industry. Built for precision, consistency, and operational reliability, Lido Surface Data NEXTView establishes a trusted benchmark for terrain awareness solutions, enabling aviation stakeholders to confidently support mission-critical applications across flight planning, navigation, and airport operations.

Ensuring accuracy when it matters most

Inaccurate or outdated terrain data in your aviation applications and systems can pose a serious safety threat.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.

Collaboration that elevates safety

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

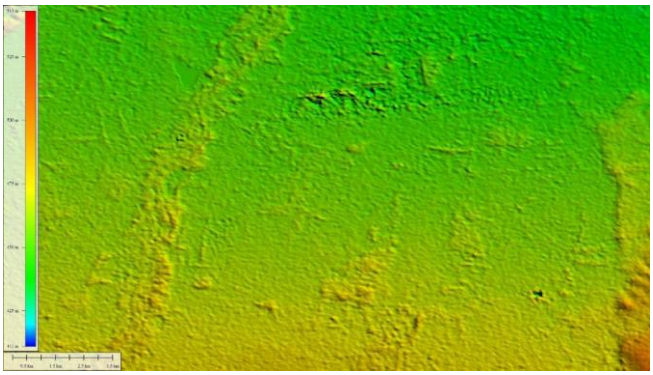
EASA certified
- Fulfils all relevant industry standards and is certified according to EASA Service Provider Certificate Type 1.

Always up-to-date
- Data continuously updated to address shifts in an ever-changing environment.

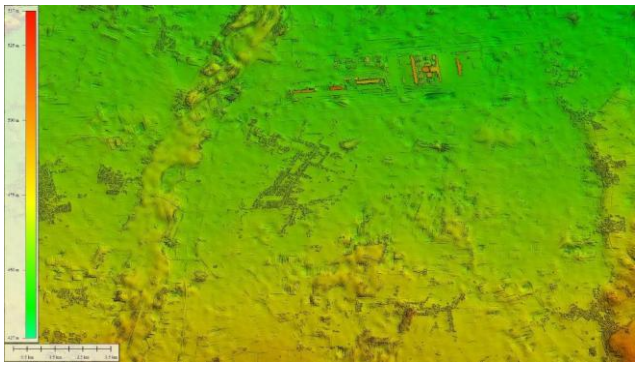
Aerodromes
- Detailed modeling of aerodromes and runways.

Lufthansa Systems

Highly accurate detail.



SRTM



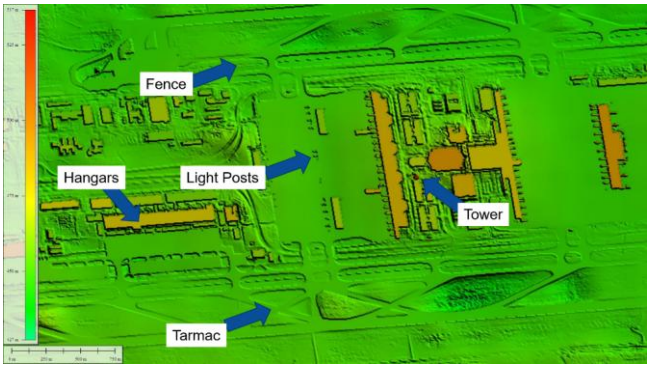
Lido Surface Data NEXTView

Comparison of SRTM and Lido Surface Data NEXTView (Munich).

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 and drone planning



Increased safety with the incorporation of highly accurate airport details.

Detailed specifications

Coverage	Worldwide
Data type	Digital surface model (DSM)
Post Spacing	6.0m (nominal, varies by latitude)
Absolute vertical accuracy	3m – 20m LE90 (depending on surface and slope)
Absolute horizontal accuracy	5.0m 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