



Unmanned Aerial Vehicles

Lido Surface Data NEXTView®

High-Resolution 3D Terrain Dataset for UAV Operations

With its powerful combination of Intermap's NEXTMap® elevation data and Lufthansa Systems' Lido Surface Data, Lido Surface Data NEXTView is the world's first high-resolution, fully EASA-certified global terrain dataset specifically designed for aviation applications. Get access to the highest-quality global digital surface model (DSM) on the market to improve flight safety and situational awareness for BVLOS UAV operations in the air and on the ground. Optimize UAV operations with more efficient flight planning and combine Lido Surface Data NEXTView with onboard sensors for complete tactical awareness. Data currency is ensured with continual updates of mission critical terrain that includes a variety of relevant aeronautical data and is quality checked for reliability.

Key Features and Benefits



Accurate

Seamless 6-meter digital surface model with 3-meter vertical accuracy



Surface Obstructions

Plan safely and confidently with billions of surface features around the globe



Global Coverage

100% complete global, high-resolution digital surface model



Continually Updated

Continual updates ensure data are reliable and current



Sensor Integration

Combine NEXTView with UAV onboard sensors for complete tactical awareness



Subscription Model

Data subscriptions are offered based on operation site size

Applications

Planning

Optimize operations for missions such as delivery services and mapping

Flight Safety

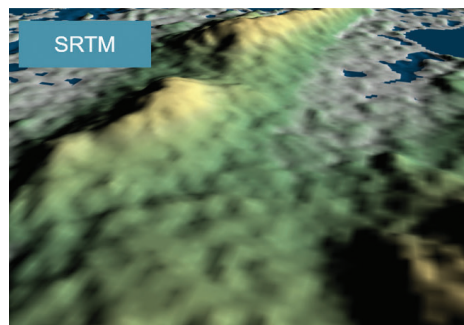
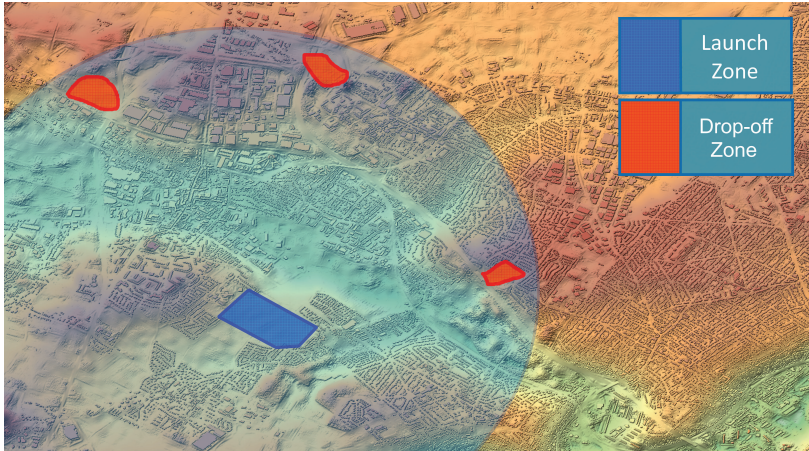
Improve safety in all environments with high-precision location for obstructions and terrain

Flight Efficiency

Improve efficiency of flight paths by reducing the “uncertainty envelope”

Sensor Integration

Combine NEXTView with UAV onboard sensors for complete tactical awareness



Specifications

Coverage	Worldwide	Data Update	Continually updated*
Data Type	Digital Surface Model (DSM)	Hydro Enforcement	Flattened water bodies Rivers (double-line drains)
Posting	6.0 m (nominal, varies by latitude)	Obstructions	Worldwide obstructions and surface features
Absolute Accuracy	Vertical: 3.0m LE90* Horizontal: 5.0m CE90*	Airport details	Over 12,000 airports*
Building Models	80% of buildings*	Licensing	Annual subscription
Projection / Datum	Geographic, WGS84 datum, EGM2008 geoid	Age of Data	Release 2019
Certification	EASA Service Provider Type 1 Certification and fulfills the following industry standards: RTCA DO-200B: Standards for processing aeronautical data RTCA DO-276C: User requirements for terrain and obstacle data RTCA DO-291C: Interchange standards for terrain, obstacle, and aerodrome mapping data		

*See Product Specification



Visit www.intermap.com
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for more information.

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◀ *This safety-critical dataset reliably reveals buildings, islands, terrain and other obstructions that are missing in other datasets*