INTERMAP®
Answers Now™

Lido Surface Data NEXTView™

Unmanned Aerial Vehicle Applications

The World's First 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 that improves flight safety and situational awareness for BVLOS UAV operations. Stay current with continual updates of mission critical terrain that is quality checked for reliability. Optimize UAV operations with more efficient flight planning and combine Lido Surface Data NEXTView with onboard sensors for complete tactical awareness.

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
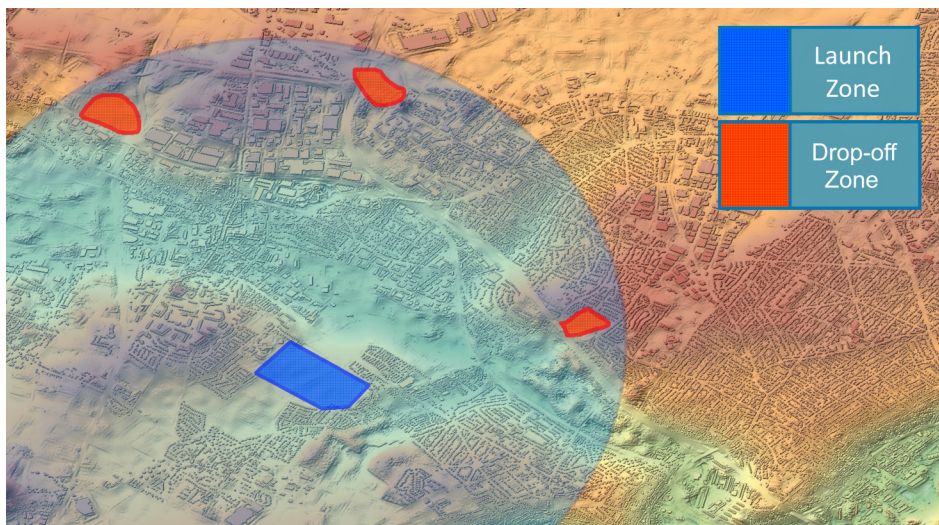
Sensor Integration
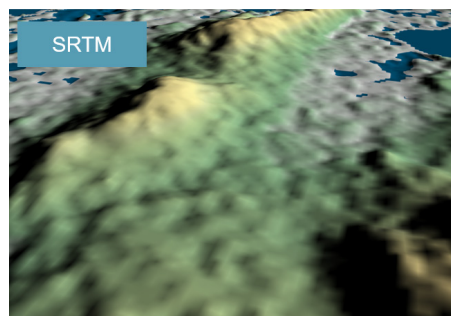Combine NEXTView with UAV onboard sensors for complete tactical awareness

Subscription Model
Data subscriptions are offered based on operation site size

Applications

Launch Zone (blue)	
Drop-off Zone (red)	

This safety-critical dataset dramatically reveals buildings, islands, terrain and other obstructions that are missing in other datasets.

NEXTView

SRTM

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

Sensor Integration
Combine NEXTView with UAV onboard sensors for complete tactical awareness

Flight Efficiency
Improve efficiency of flight paths by reducing the "uncertainty envelope"

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**	AIRAC or annual subscription
Projection / Datum	Geographic, WGS84 datum, EGM2008 geoid	**Age of Data**	Release 2019
Certification (Planned)	Commission Implementing Regulation (EU) 2017/373 (EASA type 1 certification) RTCA DO-200B, RTCA DO-276C, RTCA DO-291C		

*See Product Specification

INTERMAP
Lufthansa Systems

Your World. Made Simple.