Future Land Forces

&

Upleveling your terrain, buildings and airport data to geo specific and more accurate geotypical data

& blackshark.ai

- Enriching large amounts of terrain data

- Get breathtaking Blackshark terrain data quality to your existing simulators and IGs

- Reuse your CDB, OpenFlight or proprietary visual database

Geotypical vs. Geo-specific

- Geotypical – Buildings which COULD be in that location, but only fit to the country

- Geo-specific – Buildings which are specifically expected in this area of a town, etc.

OLMOS
TECHNOLOGIES

Blackshark

Austria

- Microsoft Flight Simulator

- AI-powered 3D terrain generation

Fidelity

- Digital Twin of Paris 10GB
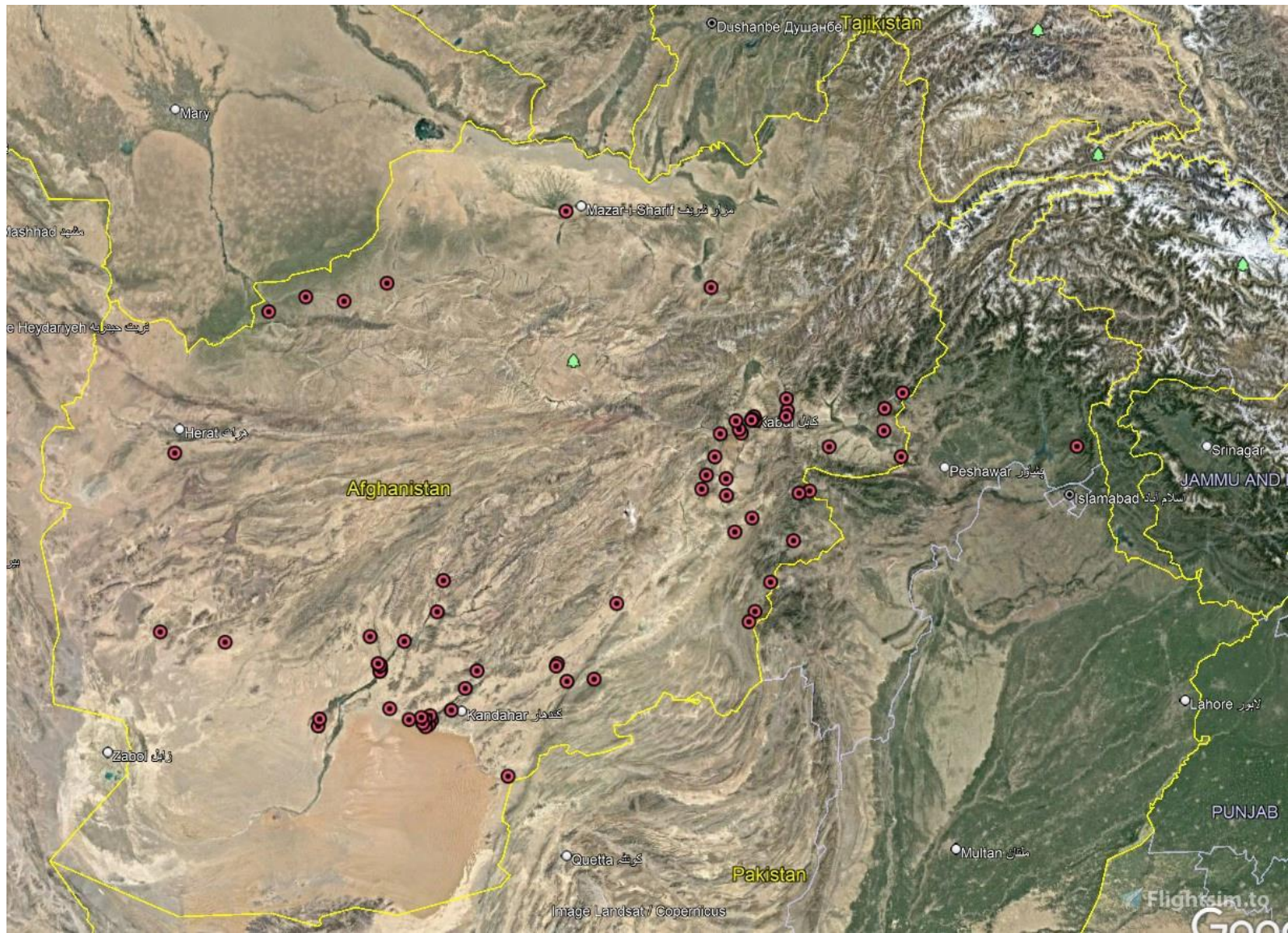
- Complete Cities & Countries

Fidelity

Fidelity

Fidelity

Speed of Visual Database Enrichment

- Complete Cities & Countries Within weeks

- Within one day after we have set up the workflow

- Start with Training immediately

FOB Tillman Helipad | 0.64NM

D-HYPE

Flightsim.to

OLMOS
TECHNOLOGIES

OLMOS Technologies GmbH

Germany

Dirk Wolff-Klammer

Andreas Krensel

Jan-Philipp Schulz

Portfolio

- Visual Database Design and Re-Design

- Long term support for complete simulator

- Integration of new hardware and software components

- Obsolesence Management

- Repair & Rebuild
  - Projectors
  - IGs
  - Networking Equipment
  - IOS
  - Radar / DRLMS

Customers and Sites

LEONARDO

AIRBUS

RHEINMETALL

CAE

NATO OTAN

thyssenkrupp

BUNDESWEHR
Armed Forces of Germany

Spanish Air Force

Italian Air Force

Austrian Armed Forces

OLMOS TECHNOLOGIES

Customer Base

Customer Base

Sea King

Sea Lynx

NH90

Hardware Support

Image Generator (IG)

Projectors

Cockpit

- OLMOS & Blackshark are offering joined CDB compliant Terrain Generation Solutions

- CDB, OpenFlight, and other standard terrain formats

- Integration of Blackshark.AI's SYNTH3D terrain data into existing CDB and other proprietary simulation systems through Olmos' BLSK to CDB converter

- This converter enables customers with vast terrain databases or IGs to immediately benefit from the AI-generated terrain's exceptional detail and realism, without having to overhaul their current setups

IG Candidates for Visual Database Upleveling

Upleveling

- Geotypical to geo-specific

- Buildings

- Terrain

- Vegetation

- Airports

- Etc.

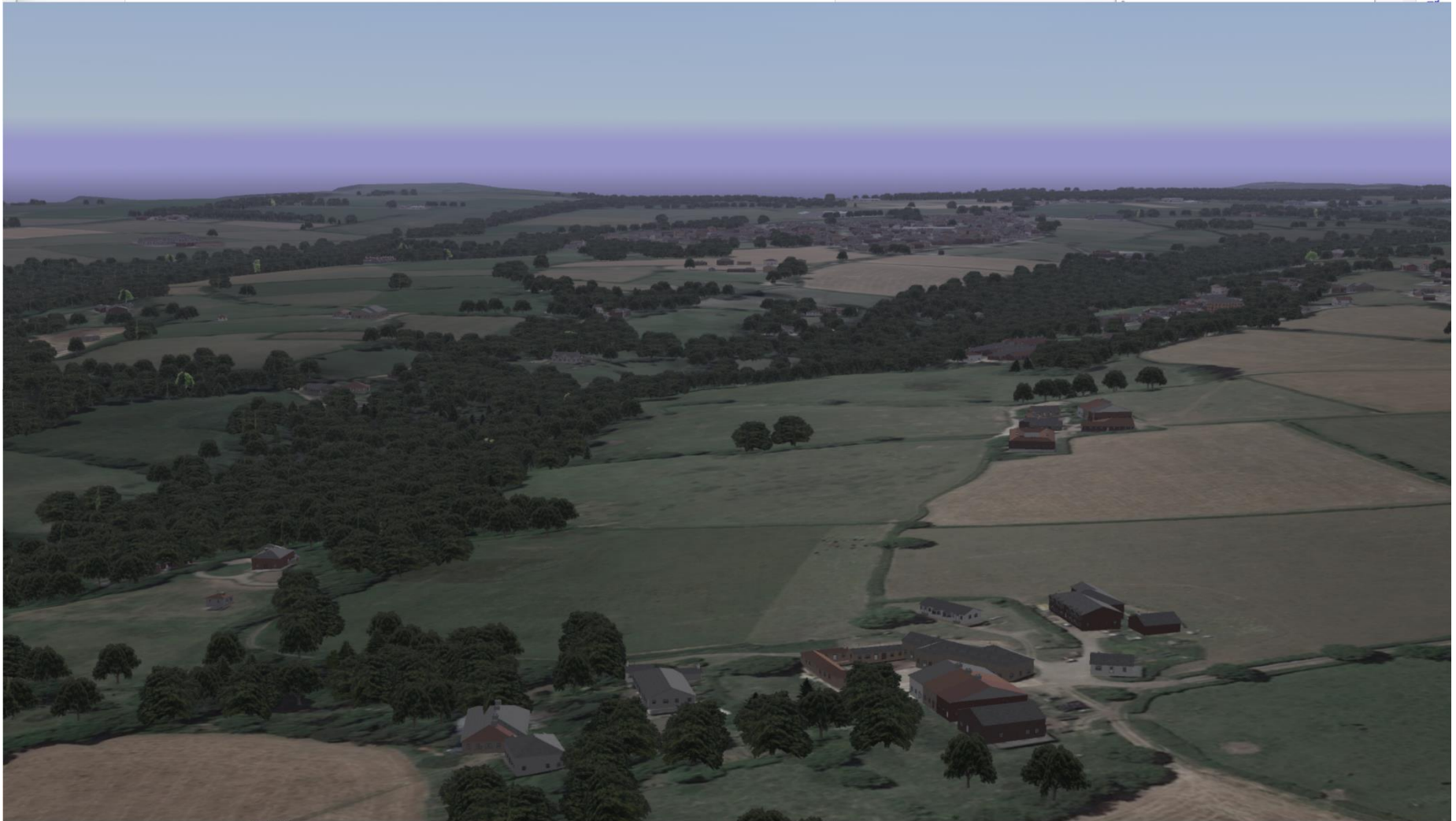# Upleveling

- The SYNTH3D terrain data enhances sensor simulations

- Crucial for defense training, allowing for more complex and realistic scenarios that mirror today's operational environments

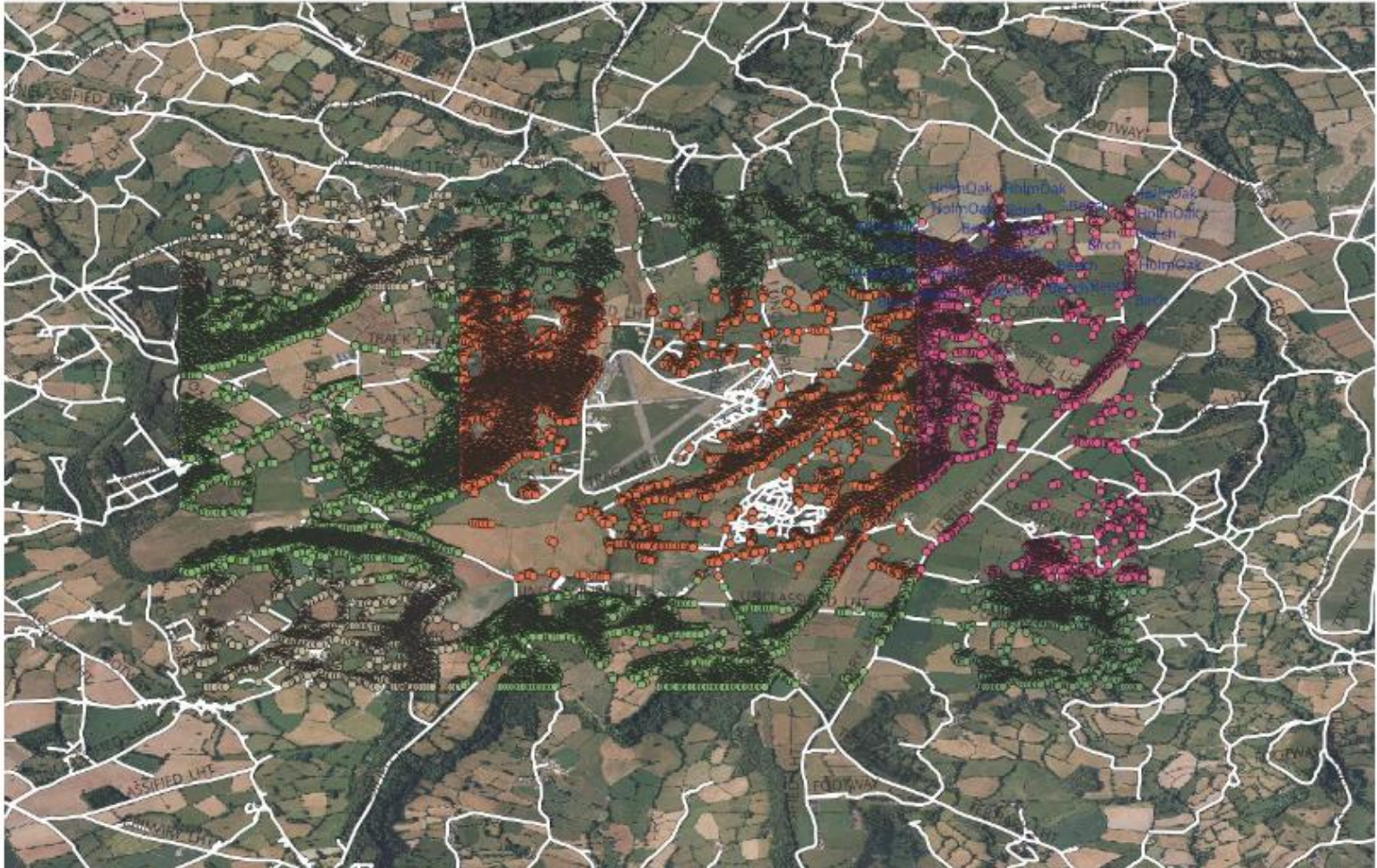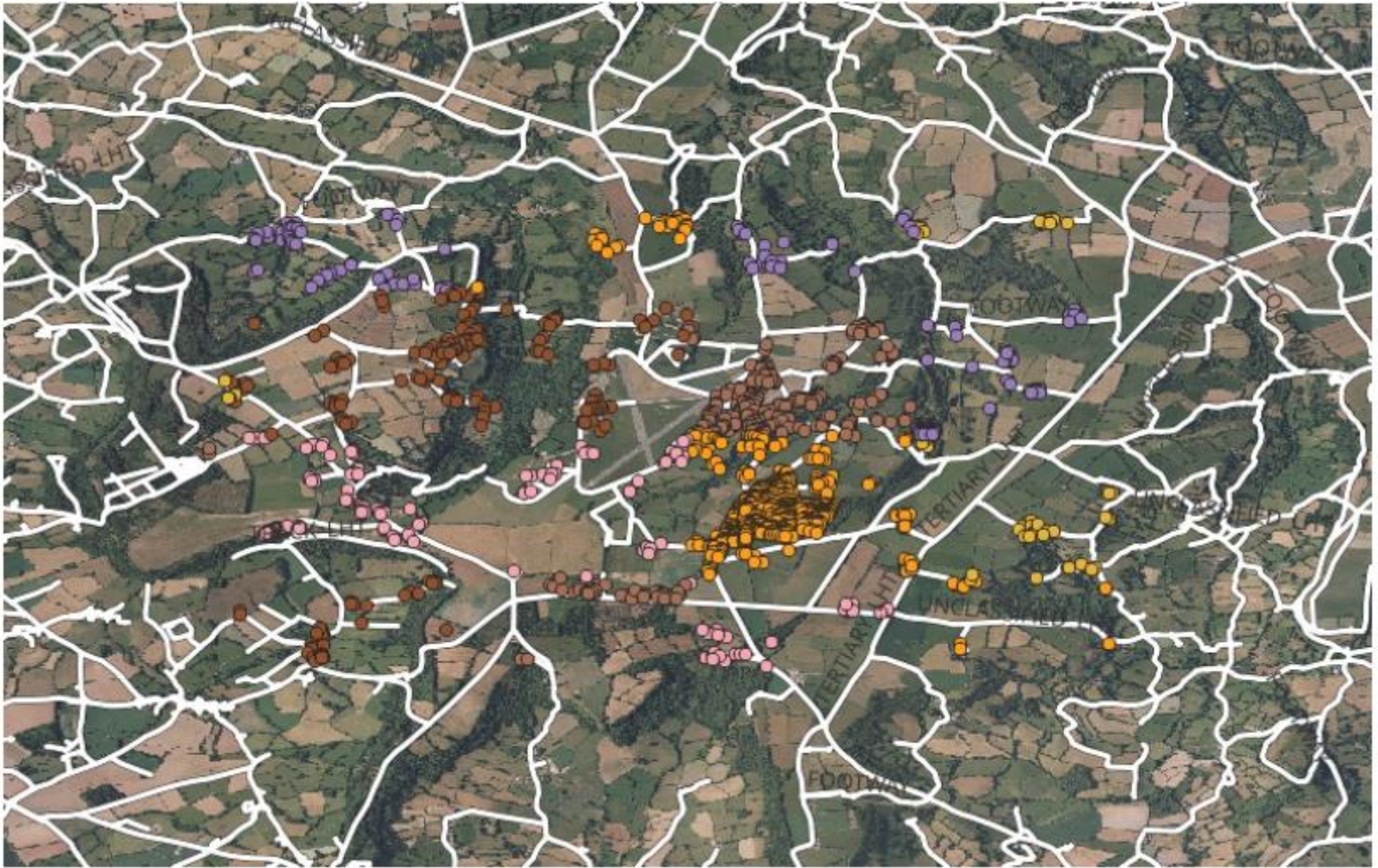# New IGs on the Horizon based on these Game Engines

OLMOS
TECHNOLOGIES

OLMOS
TECHNOLOGIES

OLMOS
TECHNOLOGIES

Mapping of Blackshark Trees and Roads to existing VDB

Mapping of Blackshark Trees and Roads to existing VDB

Buildings and Roads

Buildings and Roads

Thank You !!