



SkylineGlobe GmbH and DATAKART Kft. to develop 2D and 3D Mapping Solutions for Hungarian Defence Forces

Budapest, HU – June, 26 2019 – Hungarian Defence Forces Geoinformation Service [MH Geoinformációs Szolgálat (MH GEOSZ)] has chosen DATAKART as the official partner of SkylineGlobe GmbH to provide 2D and 3D mapping solutions for the Ministry of Defence, Hungarian Defence Forces Command and the Hungarian Defence Forces. Solutions include utilizing DATAKART's GIS services with Skyline Software Systems suite of products; Photomesh, TerraBuilder, CityBuilder and TerraExplorer Pro in an integrated workflow with the Bingo Bundle Adjustment Software from Dr. Kruck & Co.

"We are very happy to deliver these cutting edge photogrammetric and GIS solutions for the Hungarian Defence Forces Geoinformation Service. With these software tools it is possible to fulfill every task in field of 2D and 3D photogrammetry without limitations of the size of the projects and to handle the evaluated data in a 3D GIS. ", say's DATAKART CEO , Zsolt Szabady.

DATAKART's GIS and data services combined with Skyline's software suite for creation and dissemination of 2D and 3D Geospatial mapping will address the scope of the project requirements.

"We are very pleased to welcome another organization among our military customers in the European region and worldwide with our solution partner DATAKART," says Tomas Orlik, Managing Director DACH and CEE of SkylineGlobe GmbH.

SkylineGlobe GmbH suite of solutions will provide capability for 2D and 3D processing of aerial images for remote sensing data and databases for the Hungarian Defense Forces GIS. PhotoMesh fully automates the generation of high-resolution, textured, 3D mesh models from standard 2D photographs. The photogrammetric processing workflow in PhotoMesh includes the air triangulation of the nadir and oblique aerial images and creation of true orthophoto mosaic, surface model (DSM), colored dot cloud (las), and mesh models.

TerraBuilder merges aerial photos, satellite images, and digital elevation models of different sizes and resolutions into a photo-realistic, geographically accurate terrain database. CityBuilder facilitates merging layers of 3D mesh models together with classification layers, and BIM or model layers into a multi-resolution and stream-optimized 3D Mesh Layer database (3DML). TerraExplorer Pro viewer and creator provides powerful tools and a high-resolution 3D environment in which to view, query, analyze and present geospatial data.

Hungarian Defence Forces Geoinformation Service plan to have the Photogrammetric & GIS solutions operational by this July.



About DATAKART

DATAKART located in Budapest, HU, has been working in the fields of Geomatics, GIS and Geodesy for twenty-three years. Their diverse areas of expertise ensure that they offer solutions to complex tasks within an organization, with competence extending to data collection, spatial data integration and build GIS. Their activity encompasses all forms of spatial data collection - laser scanning, land surveying, photogrammetry and complex measurement systems. Datakart implements the project management from the planning of spatial data collection to making and programming GIS. They also have extensive experience in developing corporate spatial data strategies, GIS project management, spatial development. To learn more visit: <http://www.datakart.hu>

About Skyline Software Systems

Skyline Software Systems, Inc. located in Herndon, Virginia, USA, and founded in 1997 is a leading provider of 3D earth visualization software and services. The company offers a comprehensive platform of applications, tools and services that enable the creation and dissemination of interactive, photo-realistic 3D environments. Skyline has built a “best of breed” set of tools that remain focused on the needs of our customers including flexibility, efficiency and robustness. SkylineGlobe GmbH is a subsidiary of Skyline Software Systems. To learn more visit: www.skylinesoft.com

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