IGIplan™

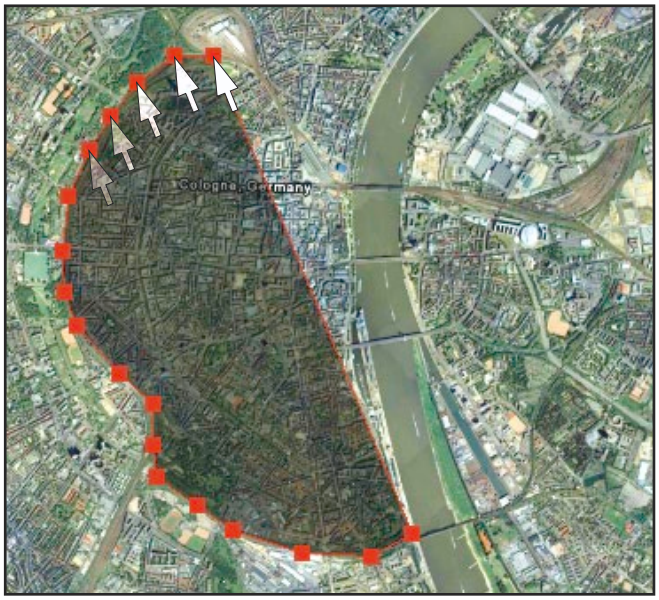
State-of-the-art Mission Planning Software

IGIplan is an advanced mission planning software. Supporting over 600 local coordinate systems and all aerial cameras and sensors, it is prepared for every kind of mission. Working together with the *CCNS*, flight missions can be planned and flown in one connected workflow. The intuitive graphical user interface and its real time computation of flight lines helps the operator in his day-to-day business. As a special feature, *IGIplan* includes GoogleEarth™ format support to show end-customers results in their familiar environment.

Picture 2: Selecting Area Propose

Features:

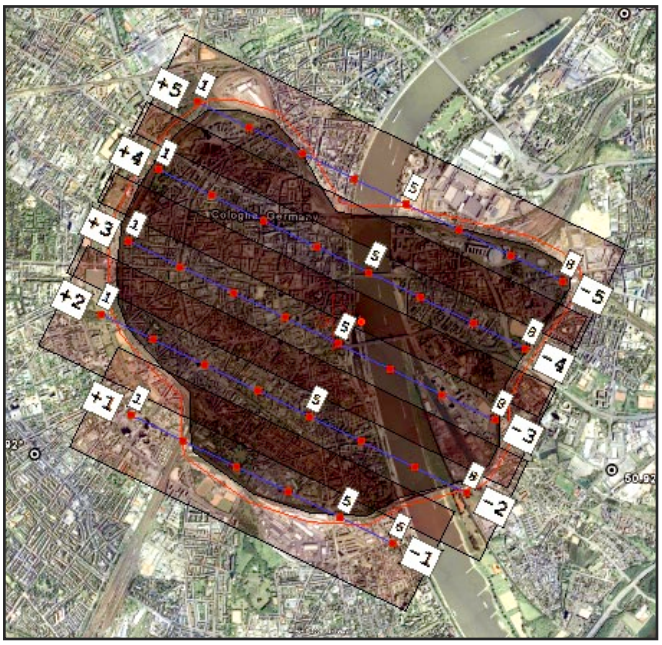
- GoogleEarth (*.kml) format support
- More than 600 local coordinate systems
- Support for all common aerial cameras and sensors
- Raster & vector map support for common file formats
- Support for many DTM raster formats
- Drag and modify flight lines interactively
- Automatic altitude determination through sensor specific mission planning parameters (GSD, picture scale)
- Planning and creation of flight lines, blocks or tracks with automatic levels using DTM
- Import of self-defined WMS servers
- Full support for IGI's *CCNS4*
- 3D view of the flight plan
- Multiple Undo / Redo
- Video tutorials


Picture 1: Defining an area - Cologne city

Example - Area Propose:

The Area Propose function allows the user to present the mission plan to his customer in five minutes.

Picture 1: Select an area with the mouse.
Picture 2: When the polygon is defined choose Area Propose from the popup menu.
Picture 3: The flight lines are calculated automatically and the resulting mission plan is shown.


Picture 3: Automatically generated flightlines

www.igi-systems.com

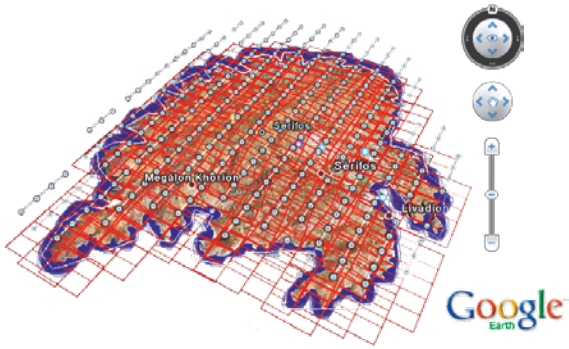
IGIplan™ - Mission Planning Software

IGIplan Sensor Type Support		
		Automatc Altitude Determination & Coverage Simulation when changing:
Analog Cameras	E.g. RC10/20/30, RMK-a/-TOP, LMK, ...	Picture scale, forward size, sidewards size
Digital Cameras	E.g. complete DMC camera series, complete UltraCam camera series, DiMAC camera series, DigiCAM camera series, ...	Ground Sample Distance (GSD) and analog camera features
LiDAR Scanner	E.g. LiteMapper series	dots/sqm and speed, swath
Line Scanner	E.g. JAS, 3-DAS-1, ...	GSD, swath

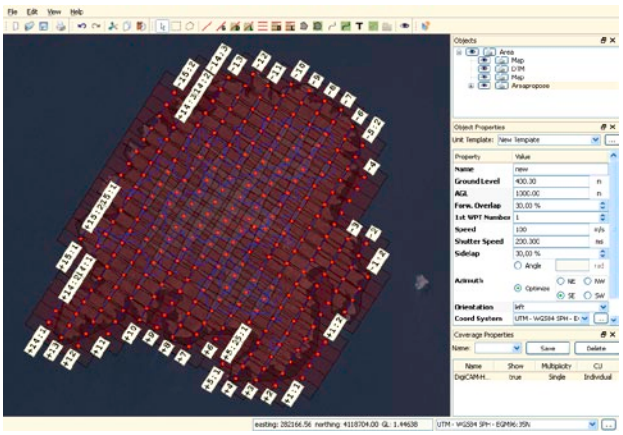
System requirements:

Intel Pentium®, Core™ or equivalent processor
Microsoft® Windows XP with Service Pack 2 or 3; Windows Vista® with Service Pack 1; Windows 7
512 MB of RAM
150 MB of available hard disk space

Keyhole Markup Language support:



Import polygon from GoogleEarth to IGIplan.



Export resulting flightplan from IGIplan to GoogleEarth.

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