

Geographical information is an essential decision-making tool at the heart of security and defense issues. It enables States to assemble information that is reliable, consistent, accurate and as recent as possible concerning the status of operations for which they are responsible, in order to make decisions appropriate to the risks and realities on the ground. But in order to be fully usable the information needs to be qualified and structured, which requires a high level of expertise. Without this preliminary work, exploitation of the data can lead to errors resulting in poor decisions.

Confronted with growing security risks, foreign governments need to modernise their geographical infrastructures, notably by setting up more effective geomatics units (IT and technical equipment) and training their personnel in the production and exploitation of geographical reference data (geodesy, photogrammetry, photo-interpretation, GIS, cartography etc) in order to carry out all the analyses required for territorial surveillance needs or the preparation, execution or return of operational missions.

As a leader in the field of setting up international geomatics projects, IGN FI supports its clients in mastering new information technologies for national defense and intelligence purposes.

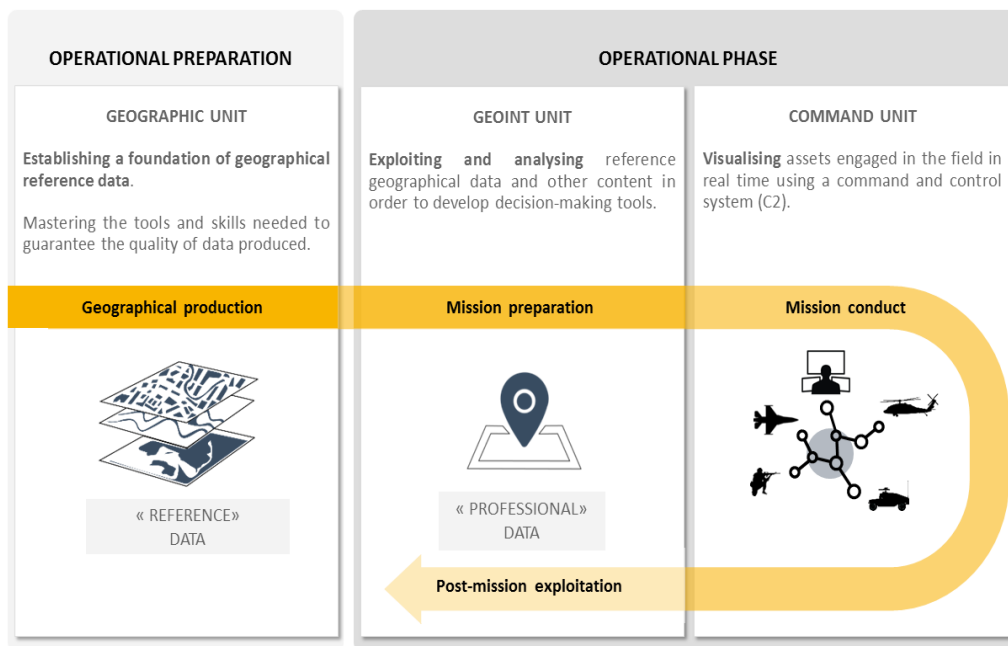
OUR AREAS OF EXPERTISE

Aware of the sensitivity as well as the political and technical complexities of these matters, IGN FI advises, designs and carries out "Defense / Geoint" projects:

- Constructing a national geodesic reference system using materialised networks
- Very high resolution aerial surveys, LIDAR acquisition, satellite image acquisition / image quality control
- Building digital terrain models, digital elevation models, centimeter-accurate orthophotographs
- 3D or 2D image plotting
- Geographical database modeling and implementation, definition of metadata according to international standards
- Collecting field data
- Devising and building web portals to distribute geographical data
- Quality control checks (geometrical and semantic) of databases
- Topographical mapping for military command to international standards / specific thematic mapping
- Classroom and practical training
- Setting up mapping production lines with technology transfer
- Setting up a GEOINT unit

OUR GLOBAL OFFER

As a recognised, independent technical company, IGN FI provides support at all stages of your projects:



IGN FI does not interfere with political or diplomatic exchanges between States.

OUR RESOURCES

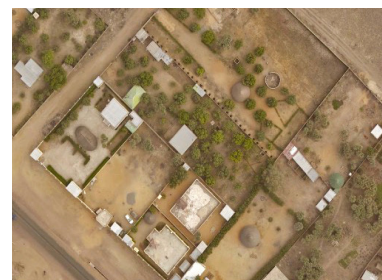
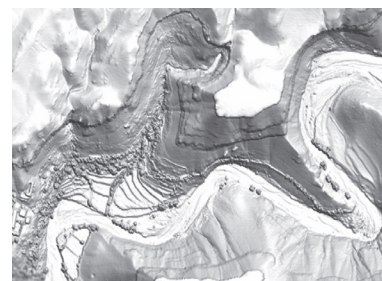
IGN FI makes teams of specialists available to its clients:

- Sector experts from its own internal resources, its shareholders (IGN, GEOFIT), the French Defense and specialised companies...
 - + IGN (National Institute of Geographic and Forest Information) provides support to the French Ministry of Defense in exploiting the potential of space imagery, exchanging interoperable data with its allies and using its know-how and research work for the production and distribution of geographic data. This co-operation has strengthened further in recent years, resulting in formal agreements between several directorates within the Ministry of Defense and IGN.
 - + GEOFIT has been taking part since 2003 in various projects for outsourcing the production of geographic data for defense purposes, which call on external know-how in designing tools, acquiring and processing information.
 Its ability to collect, qualify, exploit and make use of source data from different origins (images, sensors, web, maps...) has helped establish GEOFIT as one of the leading French producers of geographic databases for military purposes.
- Technical experts (experts in imagery, GIS, system engineers...)
- Experienced project managers and leaders

Find more reference at www.ignfi.com

As major player in the field of geomatics, IGN FI offers its expertise in the following areas: geodesy, metrology, mapping / national spatial data infrastructures, databases, geographic information systems, portals.

IGN FI's work is entirely based abroad, using the company's know-how in various sectors: land administration, agriculture, forests, the environment...



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