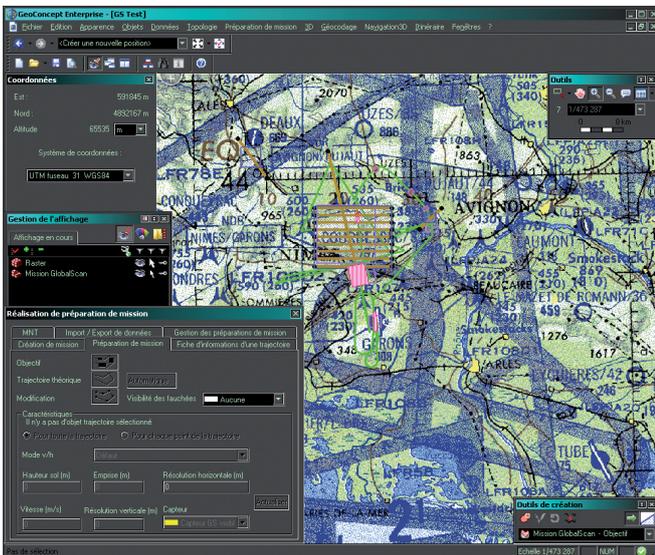


COSE

COSE helps its clients to define with precision their zones of aerial studies with Geoconcept.



Air missions at the service of Defence and security



Fully self-contained, ultra-sensitive and offering an optimal spatial resolution, GlobalScanner is marketed to French and foreign government services, to groups of Defence as well as SME, who use it in the context of network monitoring and the study of territories. To offer to its clients an efficiency that meets their expectations, COSE must integrate a complete mapping solution to its system, with the most accurate location information and with being interoperable with the existing equipment used by the company.

Focus on... The Optronics

The main activity of COSE is the optronics. It refers to the concepts and the equipments related to both optical and to the electronic, used, for example, in the military. The Optronics is relatively a young science but which is still an important component of systems of Defence and security.

Founded in 1993 by a team of researchers at INRIA with multiple skills, COSE is a technology company specializing in aerial imagery which counts today around twenty associates. The company has developed GlobalScanner, a mobile imaging system articulated around a digital aerial camera and which includes mission calculators mainly to effectively prepare the missions of its clients.

— The expertise of Geoconcept in the military

Since 1990, Geoconcept develops geographical information systems for the professionals.

Pioneer of geographical information in the military, the company since 1999 offers software solutions dedicated

to the Defence which allows treating, visualizing and communicating your operational applications.

These tools can be directly used in office or offline environment.

— A Partnership for the Army

The main function of GlobalScanner, including the scanning of a specific geographical zone, it is essential to precisely determine in advance the zone. COSE therefore needs to integrate a key GIS solution on hand in its own system. At this time, COSE and Geoconcept have a common reference, the STAT (Technical Section of the Army) and it is on the basis of the positive feedback from this entity that the company naturally approaches Geoconcept in 2003.

The partnership between COSE and Geoconcept therefore becomes obvious because it allows COSE to enjoy all the parameters established by STAT, and to capitalize on a proven expertise in the military field. The Office solution Geoconcept Enterprise and its development kit are hence well established in the system of COSE, which has, as to it, developed the business application required for its system. The two actors are working today for the continuous improvement of the device to remain at the forefront of the technology.

— Benefits and opportunities

This partnership has enabled COSE to operate a complete, reliable and interoperable software solution with its existing tools. Without Geoconcept, this application would have been heavy to implement in-house. Hence, COSE is able to offer to its clients a scalable GIS solution within GlobalScanner, a genuine system of capitalization and of analysis enabling it to offer high performance to its clients for the implementation of thematic mapping, digital mapping, detection of resources or network management.

The objectives of this partnership were to be able to locate and target the zones to be studied with the help of comprehensive tools of mapping for the activities of Defence.

The direct advantage is to increase efficiency and speed in the preparation, in the conduct of missions and in the conduct of operations.

Example of application:

From the base map loaded in the Geoconcept software, the client defines the objectives to map, at least to acquire via the sensor(s) GlobalScan of the company COSE. From the objectives entered by the client, the application COSE inserts a trajectory calculation in the Geoconcept map which will follow the aircraft to perform its mission. A summary of this map is sent, in real-time, to the controlling software of the sensors of the COSE company to uniquely program the acquisition on the objectives.