

NATO

Seeking technology for geospatial information needs.

ABOUT NATO

A unique transatlantic link for political and security cooperation

The North Atlantic Treaty Organisation (NATO) is a political and military alliance. Its primary goals are the collective defence of its members and the maintenance of democratic peace in the North Atlantic area. NATO brings together 28 member countries from Europe and North America, consulting and cooperating in the fields of security and defence.

NATO's Communications and Information Agency (NCIA) is involved in designing and building cost-effective communication and information systems for the political and military functions of the alliance.

WHAT NATO NEEDED

Apply technology for latest geospatial information

In its missions, NATO needs to be able to access current and reliable geospatial information. Plus the alliance has to be able to link other data to this information (for example logistics). In addition, the NATO partners want to execute joint missions based on a common operational picture.

To be able to do all these things, NATO commissioned Siemens Enterprise Networks and esri to develop and implement a new geo information system (GIS).

THE CHALLENGE

Core Geographic Services System – Fighting Off the same map

These services are a key building block in support of NATO's service-oriented architecture.

As a result of the Core Geographic Services contract, all staff across NATO would have access to geospatial information at all times. Commanders, analysts, and other NATO network users would combine geospatial content from Core Geographic Services with other forms of information for command and control applications.

The project brings together leading GIS software from esri ArcGIS with Oracle database and Microsoft Enterprise technologies.

NATO was looking for an independent consulting partner. An expert in GIS, who could manage the tender exercise and support in the subsequent project phases. By doing this, NATO wanted to ensure they had a user friendly solution that met all their requirements. At the same time, NATO needed the guarantee that the implementation ran as smoothly and successfully as possible at the various sites (even military theatres) all over the world.

CASE STUDY

GOVERNMENT

Defense and Intelligence

Key benefits

- Continuous support during the entire project - from tender to design, roll-out and acceptance
- Independent assessment of requirements, concepts, architectures, components and training
- Monitoring whether NATO's defined requirements (around 1,600) are being fulfilled
- Worldwide implementation support at around 20 different commands



OUR ANSWER

Implementing Core GIS – a valuable third opinion

Logica, now part of CGI, was awarded a contract as NATO's consulting partner for Core GIS that met all the requirements most satisfactorily, from 2007 to 2012.

We've provided support throughout the project by:

- compiling tender documents and managing requirements and use cases
- checking the designs to ensure they met NATO's requirements including technical and user needs
- compiling detailed reviews in support of the project manager
- providing independent briefings to the senior management of the NC3A
- checking and validating all elements of the Bi-SC AIS Core Geographic Services project during implementation
- using risk and contingency management to bring capabilities to users as quickly as possible
- providing test and acceptance management in test beds and on-site.

WHY LOGICA WAS SELECTED?

Logica, now part of CGI, has been delivering defence systems for over 40 years. Our secure managed services support operations around the world. 23 NATO headquarters in 14 countries use systems exclusively developed by us for their business, every day. So we have the experience and expertise.

Governments, the Ministry of Defence and other defence agencies across Europe have consulted us – in their plans to make IT a core part of their organization. And we've given solid advice too - by combining our leading security capability with knowledge of complex technical systems implementation.

You can trust us to deliver secure information systems in partnership with the world's leading companies.

A SUCCESS STORY

Trust formed the basis of the close cooperation. In fact, NATO and Logica, now part of CGI, formed a solid core project management team where each member could rely on each other and one's expertise.

In 2011, we won a Service Support Contract and has extended its service and is collaborating with NATO to deliver consultancy and technical support in many areas of expertise to NCIA for the next three years.

For more information, please contact us at de@cgi.com or visit de.cgi.com.