

Dutch Waterways Data Storage



After taking part in a competitive tender process, CARIS has been awarded the National Survey Storage System project from Rijkswaterstaat. The software will be utilised in the processing, storage and delivery of the huge volumes of data generated to keep the waterways running smoothly. The data is used to support good dredging practices, to assess the state of maintenance of the waterways, and for flood management and scientific research.

Rijkswaterstaat will be utilising components of CARIS' Ping-to-Chart solution for their National Survey Storage System. CARIS BASE Manager will be used to analyse the data,

with the data then being stored on Bathy DataBASE servers connected to Oracle® Spatial databases. The CARIS Spatial Fusion Enterprise Server publishes this data, which can then be accessed by a Spatial Fusion Enterprise Viewer, as well as any other Open Geospatial Consortium compliant map client.

The National Survey Storage System is expected to have more than 100 Rijkswaterstaat users deployed at 10 regional departments throughout the Netherlands. In addition to the software, CARIS will provide training, at least seven years of technical support and, together with MX Systems, the expertise for data migration to the new system.

Rijkswaterstaat is the executive body of the Ministry of Infrastructure and Environment in the Netherlands ensuring safe and smooth flow of traffic on roads and waterways; protects against flooding; provides sufficient, clean water; and supplies reliable and useful information to stakeholders. Because the Netherlands has one of the most advanced and busy waterway networks in the world, the best possible management is essential to maintain this important economic driver. The management of the waterways is not only important to the Netherlands' economy, but also neighbouring Germany and Belgium.

Geerten Blessing, managing director at CARIS Geographic Information Systems BV in the Netherlands, says, "I am pleased and proud that CARIS has been awarded the contract for the delivery of our commercial off the shelf solution, which will be used as a standard for Rijkswaterstaat throughout the Netherlands."

"I'm pleased that the project team of Rijkswaterstaat has found a future-proof solution with a broad customer base," says Esther Hoveling, project manager at Rijkswaterstaat. "With this commercial off the shelf product we can implement the solution in a short time and, because of its interoperability, we will be able to connect it to our application architecture and retain the agility that modern government agencies require. We look forward to a fruitful collaboration".

Image: Rijkswaterstaat and CARIS meet in Delft, the Netherlands to launch the National Survey Storage System project.