

December 2009

## RIJKSWATERSTAAT

- part of the Ministry of Traffic and Water of the Netherlands -  
purchases

### ATLIS SENS Distribution / BathyWeb including SevenCs ChartServer

#### ChartServer

The ChartServer is a service which generates geo-referenced images of S-57 based navigational charts, e.g. ENCs or IENCs. It allows Original Equipment Manufacturers (OEMs) to develop their own clients which access the service of the ChartServer.

A client can either be a stand-alone or web based application. The protocol for the client/server communication is based on the Web Map Service (WMS)

#### Key Features

- Open Geospatial Consortium (OGC) compliant Web Mapping Server (WMS)
- Support of key S-57 products ENC, IENC and AML
- Support of official ENCs in S-63 encrypted format
- Images displayed according to the IHO S-52 and InlandECDIS Standard
- Support of nautical raster charts, e.g. ARCS and BSB
- Integration of sensor data (AIS, ARPS, NMEA)
- Integration of other definable WMS data services
- Accessible from any OGC compliant WMS clients
- Support of various key nautical chart projections
- SevenCs world data set for back-drop applications

Those who are interested to use a ready-to-use rendering engine for S-57 data, which is meeting the complex standards for the different S-57 based navigational charts should make use of a trial version. Contact: [sales@sevencs.com](mailto:sales@sevencs.com)

