

WMS CHARTSERVER

FUNCTIONAL OVERVIEW

SUPPORTED CHART PRODUCTS

The ChartServer generates images of vector or raster nautical charts on request of the client application and supports a wide range of formats:

- ENC 2.0
- AML 1.0, 2.1, 3.0
- IENC 2.x
- ARCS
- DNC
- VMap0
- VMap1
- DTED
- ARINC 424

SUPPORTED FUNCTIONS AND FEATURES

ChartServer offers a wide range of core functions and features such as:

- Automated chart selection by position and scale
- Support of most common ECDIS chart settings
 - switch for lights, text, soundings, display category
 - chart depth display by means of contour values, e.g. the safety contour
 - different colour palettes for day, bright and night display
- Advanced object filtering, e.g. offshore only, aids to navigation only, etc.
- Support of most common EPSG coordinate reference systems plus the Gnomonic projection
- Support of chart rotation
- Configurable colour table for DTED
- Remote server configuration and administration
- Chart object query by position
- Scope of deliver, SevenCs' tool ChartHandler for installation of S-63, encrypted ENC and other chart products
- Support of bounding boxes exceeding 360° east/west
- Advanced feature queries
- Full-blown example client, based on OpenLayers
- Configurable chart loading algorithm

SUPPORTED OPERATING SYSTEMS

- Windows 7, 10, Windows Server 2012, 2016
- Linux (Red Hat/CentOS 7.6, SUSE/OpenSUSE 15.1, Ubuntu 18.04)

