

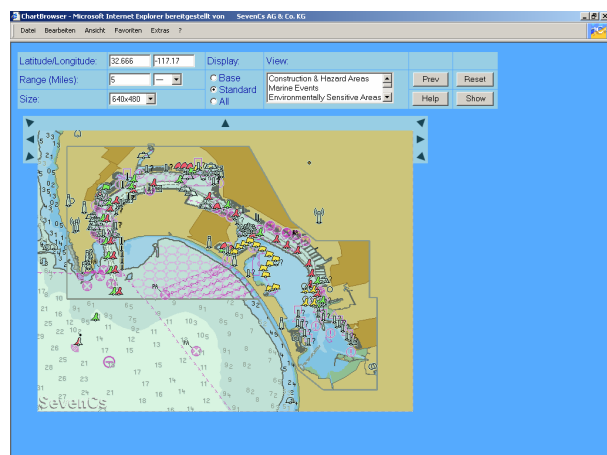


WebECDIS

SevenCs WebECDIS is a WindowsNT based application that creates chart images on request. It is designed to be used as a server in a client/server environment. Multiple connections from several clients can be handled concurrently. Clients may run on the same computer or connect the WebECDIS through a network. Standard Network protocols (TCP/IP, HTTP) are used in order to allow maximum flexibility.

Functionalities of WebECDIS:

- Create a chart image
- Create a list of cells used for the chart image
- Create an object report
- Change chart parameters:
 - Chart centre
 - Chart range
 - Safety depths
 - Display category
 - Chart image size



First Installation with InterOcean Systems, Inc.

The SDMIS (San Diego Marine Information System) is an integrated Marine Information System designed and established to protect the coastal marine environment by providing maritime authorities, vessels and the public with information support to aid in the prevention of marine disasters and provide immediate real-time response information. The SDMIS consists of the most recent tools and information technologies, combining interactive electronic navigation charts (IMO ECDIS performance and IHO S57/S52 standards), hydrographic sensors, video surveillance cameras, optional radar input, communications systems, and data links with real-time access from any location using digital transmission and secure internet access.

In addition, the SDMIS Marine Information System provides a central database with on-line access to supervise and assist vessel traffic, to aid navigation, protect the marine environment, and provide emergency response support for mariners. Information can be available to anyone with wireless data link or Internet access. The main functions of the SDMIS Marine Information System are support Harbour Authorities and vessel pilots with oil spill and pollution response and casualty prevention, by providing improved real-time information access for operational decision making through the use of the following integrated tools and technologies:

- Real time hydrographic sensor inputs with wireless data transmission
- Real time digital camera coverage with user control via the internet
- Commercial vessel schedules and vessel information database
- IMO/IHO compatible ECDIS navigational charts with interactive features and information overlays including; hazardous high-risk areas, restricted areas and security zones, construction areas, environmentally sensitive areas, anchorages, and port services.
- Area response strategies, emergency contact information, oil spill and marine casualty reporting system, harbour safety plan, and operating rules and requirements.
- Portable notebook computer for pilot emergency field use with on-line access to all of the above information in real-time via dedicated wireless radio link or via the Internet.

For further details please contact

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