

ORCA G2

Professional Touchscreen Navigation Software



ORCA G2 is a high-end Electronic Chart System (ECS) for marine navigation.

PRODUCT HIGHLIGHTS

- ORCA G2 is a professional Electronic Chart System (ECS), which can be used for offshore, inshore and inland maritime operations.
- It integrates all the functions required for safe navigation using electronic charts and is very similar to ECDIS, with some flexibility in functionality.
- It can be installed on common Windows powered platforms and supports touch operation (Hardware dependend).
- For smaller military craft, e.g. fast patrol boats or RIBs, where it is not practical to install a full WECDIS system, ORCA G2 offer support of

some military data formats, such as AML, DNC, VMaps and more (Navy module license required).

OEM VERSIONS/ ECDIS

- OEM partners may use the ORCA G2 software for their own ECDIS or ECS projects, saving significant development time and costs and minimizing challenges involving testing and type approval.
- SevenCs have experience in supporting foreign languages other than English.



FUNCTIONAL DESCRIPTION:

Own ship position, heading and speed	<ul style="list-style-type: none">• EPFS (GPS) x 2• EchoReference (up to 4 targets processing)• Dead Reckoning• Visual LOP and ARPA LOP transfer• Gyrocompass (up to 2)• Speed Log
Traffic Information	<ul style="list-style-type: none">• Target Data from AIS• Target Data from ARPA-Radar (Up to 2)• AIS and ARPA Target association• Radar Overlay (Optional Hardware required)*
Chart Data Formats	<ul style="list-style-type: none">• S57 /- S63 (from various RENCs)• ACES (ChartWorld SENG)• CIO+• ARCS (UKHO Raster Charts)
Chart Maintenance	<ul style="list-style-type: none">• ENC updating by media• Automatic ENC updating from ftp- Server• Automated ENC Updates via ship's E-mail
Hardware Options	<ul style="list-style-type: none">• Panel PCs with touchscreen• Notebooks and tablets (rugged)• Customized solutions for turn-key ready system

SEVENCs GMBH

ZIRKUSWEG 1, ATLANTIC HAUS
D - 20359 HAMBURG
PHONE: +49 (0) 40 851 72 40
FAX: +49 (0) 40 851 72 4 79

SALES@SEVENCs.COM

