

Naval ECDIS NX



Tactical navigation for gray and blue forces

Naval ECDIS NX

Naval ECDIS NX is a Warship Electronic Chart Display and Information System (WECDIS) that combines safe navigation with tactical operation. The application ensures mission effectiveness as it is designed to budget but offers, thanks to a modular approach, customizable capability upgrades by pure means of software at any time.

Key Benefits



Maximum mission performance

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- Consistent use of qualified data (checked for integrity, validity and plausibility), system health monitoring, and central alert management
- Validated picture of the navigational and tactical situation



Customized capability upgrades

Advanced type approved WECDIS integrates military features for tactical navigation and operation.

- Customizable from a commercial ECDIS to a STANAG WECDIS
- Easy capability upgrades, each single feature is configurable via software
- Modular features include tactical overlays, waterspace management, anti-submarine warfare and more
- Perfect match for gray and blue forces!



Effective and free of risk

Ready for future: type approved WECDIS as flexible basis for modular capability upgrades.

- Commercial-off-the-shelf equipment and procedures
- Future-proof hardware and operating system
- Configurable system setup for risk-free, easy start-up
- Fully type-approved, without R&D risk
- Global service network in case you need help

Learn more



Customized naval features with Naval ECDIS NX.

Visit the website and learn more about naval features and capabilities for ECDIS:

www.raytheon-anschuetz.com/naval-ecdis-nx



For navy ships



For public authority ships



For special purpose ships

ECDIS NX features

Voyage management

Chart management

S-57 / S-63 / (S-100)

AIO by AVCS

Route planning

ETA calculation

Route monitoring

Speed of Advance

Plus features

Radar video overlay

ARCS / DNC / BSB

Search & Rescue

Intercept

Tender tracking

OUTHOUSE

Area alerts (GOE)

Blind pilotage

Plus features

AML / TOD

Moving Haven

Disposition

DATUM / FoC

Dogbox

Sensor arcs

EOBD

MIL-Symbols

Naval ECDIS NX features

(Export restricted)

4W Grid

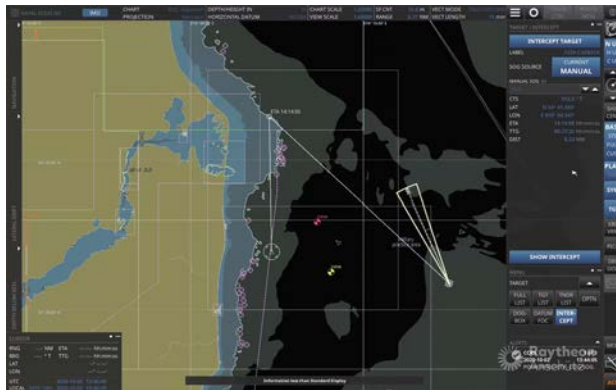
MGRS

Main Features

Platform capabilities for navigation and situational awareness.

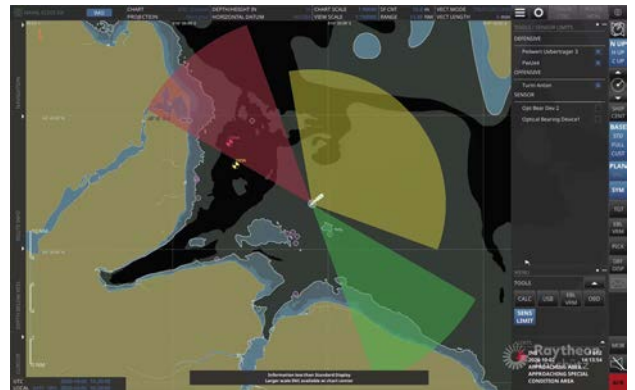
- Fully type approved WECDIS, made in Germany and tailored to specific naval requirements
- Modern human-machine interface, with retractable panels for a maximized chart view and a quick access bar for essential functions
- Smart tools for route planning, route management, route monitoring, and more
- Sensor management, target management, alert management, health monitoring (in combination with an integrated navigation system according to IEC61924-2 / MSC.252(83) and ANEP-77)
- Chart formats supported: S-57 / S-63 ENCs / AIO
Optional: AML 2.0, 2.1 & 3.0, ARCS, DNC, TOD, BSB
Prepared for the new S-100 Standard
- Type approved according to IEC 61174 Ed. 4 and IHO Presentation Library S-52 Annex A Edition 4.0
- All available naval features according to STANAG 4564 Ed. 3 (April 2017)
- Secure network compliance IEC 61162-450 Ed. 2
- New bridge alert management standard (IMO.302(87), IEC 62923-1 and -2)

Advanced features



Maximum mission performance

- Electronic optical bearing devise
- Blind pilotage
- Target intercept
- Search & Rescue



Navigational and tactical overlays

- Radar video overlay
- Symbols
- Geo object events
- CGRS / MGRS
- Dogbox
- UTM / UPS
- Sensor arcs



Waterspace management

- 4W Grid
- Moving Haven
- Disposition



Anti-submarine warfare

- OUTHOUSE
- Datum & furthest on circle

Flexible system design, easy to install

Naval ECDIS NX comes in a configurable system setup for reliable, risk-free and easy start-up. The application is installed on commercial-off-the-shelf equipment following standard procedures. Software installation is a semi-automatic, wizard-guided process and can be done by any trained technician of the Raytheon Anschutz global service network. Continuous product maintenance ensures software updates and upgrades.

Naval ECDIS NX can be applied for a stand-alone workstation (including a chart table / planning station), but also as part of a multifunctional workstation or integrated navigation and bridge system. Customers can choose between either high-quality 24" or 27" marine panel-pcs performance, or powerful small marine computers with wide-screen, glass-front TFT displays in various sizes. Technical data is available on request.