



# Success Stories



## Navigating Maritime Excellence

*Winmate ECDIS-Compliant Computers Enhance Marine Operations.*

## Background

In the ever-evolving world of maritime navigation, precision and reliability are paramount. Winmate's ECDIS-compliant Computers, including the 19-inch ECDIS Color Calibrated Panel Computers, have emerged as game-changers, revolutionizing marine applications and setting new standards for efficiency and accuracy.

## Main Challenges

Maritime navigation presents unique challenges that demand cutting-edge solutions:

**Regulatory Compliance:** Compliance with Electronic Chart Display and Information System (ECDIS) standards is essential for ensuring the accuracy and reliability of navigational information.

**Precision Navigation:** Accurate navigation requires high-resolution displays and color calibration to ensure clear and precise representation of electronic charts.

## Core Products

- [R19IH3S-MRA1FP](#) - 19-inch Intel® Core™ i5-5350U Flat PCAP ECDIS Marine Panel PC
- [I330EAC-IE3](#) - Intel® Pentium® N6415 Marine Computer

## Why Winmate

Wimate's ECDIS-compliant Computers offer tailored solutions to address these challenges:

- **ECDIS Compliance:** Wimate's ECDIS-compliant Computers meet stringent international standards, providing assurance of reliability and accuracy in marine navigation applications.
- **High-Resolution Displays:** The 19-inch ECDIS Color Calibrated Panel Computers feature high-resolution displays with color calibration, ensuring accurate representation of electronic charts and critical navigational information.

By integrating Wimate ECDIS-compliant Computers into their marine applications, maritime operators have achieved remarkable success:

- **Enhanced Accuracy:** The precision and reliability of Wimate's ECDIS-compliant Computers have significantly enhanced navigation accuracy, reducing the risk of errors and improving safety at sea.
- **Regulatory Compliance:** Wimate's ECDIS-compliant Computers ensure compliance with international regulations, providing peace of mind to maritime operators and regulatory authorities.

Wimate's ECDIS-compliant Computers have transformed marine navigation, providing maritime operators with the tools they need to navigate safely and efficiently. With their precision, reliability, and compliance with international standards, Wimate's ECDIS-compliant Computers continue to set the benchmark for excellence in maritime technology.

# Application Diagram



## Related Products



### Winmate **R19IH3S-MRA1FP**

- 19" Intel® Core™ i5-5350U Flat PCAP ECDIS Marine Panel PC
- 1280 x 1024 resolution with projective capacitive multi-touch screen
- Edge-to-edge narrow bezel design and fanless cooling system
- Color calibrated for ECDIS compliance (Optional)
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Optional 4 x COM port (NMEA 0183 protocol) 422/485 switchable via software
- Meet the requirements of Industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10
- Support capacitive touch key lock / touchscreen lock function



### Winmate **I330EAC-IE3**

- Intel® Pentium® N6415 Marine Computer
- Intel® Elkhart Lake Pentium® N6415 Processor Dash panel PC
- 9~36V DC Power input acceptable