



Full Integration — Mix it.

Merge it.

Make it Your Own.

**MURPHY**®

*Marine Applications*



# *Innovation Meets* **Integration.**

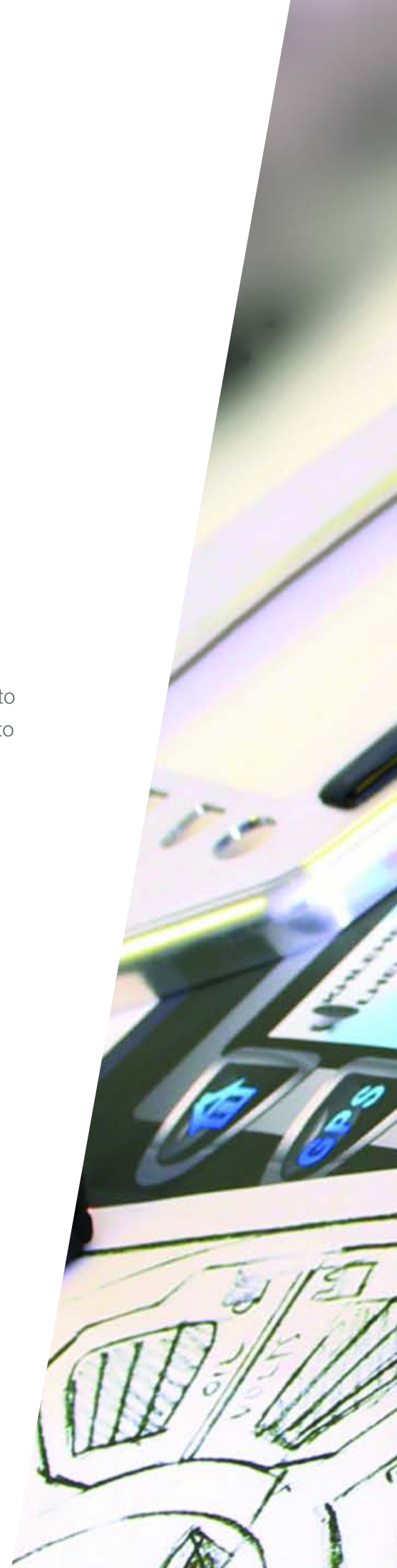
What's in today is out tomorrow – that's business. That's why it is important to partner with a company that understands your needs and will work with you to create a customized solution.

Murphy's complete line of innovative components and displays provide the tightest integration of multiple devices and engine information within a single, user-friendly view.

Want to streamline your current dash, create a truly unique user experience and tie together several different systems? Murphy has the top-quality instrumentation, engineering and experience to bring your vision to life.

We are experts in electronic engine instrumentation and CAN protocols. That makes us an invaluable partner as you integrate your electronics and add more touchpoints into a single display.

Murphy works with you to provide a complete boat solution customized to your exact specifications.





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# Creating Your Dream Display.

Looking for a display as special as your boat brand? We understand how important it is to have a truly unique display to set you apart from the competition. That's why we created the fully-customizable HelmView 1000i display.

The HV1000i display provides a single, unified view of the engine, transmission and powertrain – plus GPS data – within a large VGA LCD flatscreen with rich full-color graphics. But unlike most displays on the market, the HV1000i display can be custom engineered to your exact specifications.

With the HV1000i you're in total control of the design:

- Customize the bezel and buttons
- Choose your screen design – logos, menus and display graphics
- Add company branding

The HV1000i changes with your application, not the other way around.



# Integrated Control Solutions

## PowerView™ 101

*This multifunction CAN display monitors several different engine, transmission or machine parameters and service codes on a single graphical LCD screen.*



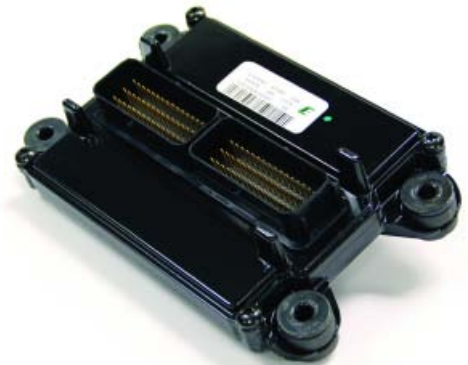
## XM500™

*Picks up additional digital or analog parameters not supported by your existing OEM engine or transmission ECU, such as hydraulics, transmission and other required systems.*



## Engine Control Module

*Murphy's relationship with EControls provides even more advanced integration options. EControls' engine control modules support varying software and pin counts to quickly and efficiently meet your specific application needs. EControls' ECM, combined with our innovative instrumentation, gives you the ultimate integrated platform.*



## Power Distribution Module

*The PDM controls trim tabs, ballast pumps, lighting and blowers. Its solid-state circuit protection eliminates the need for fuses. The PDM provides current and EMF feedback for actuator protection and accuracy.*





# Let Murphy **Work for You.**

*While others claim to be more than just a supplier, Murphy backs it up with proven success. We work with you every step of the way – product development, in-depth marketing discussions, engineering and training – to deliver a final product fit to your exact needs.*

*Our customers' needs drive our research, development and forward-thinking innovation. We have over 65 years of experience, and it all goes into your equipment.*

*Bottom line – if it is possible, we will find a way to do it.*

*" We had several customization requests during the initial development stages, and Murphy was able to satisfy our requests every time. They not only supplied the product, but were also open to doing new things to create a customized product that customers would be excited to use."*

**- Matt Brown, Product Manager  
Skier's Choice**



**HV1000i™**  
Color Display & customed Bezel



*"We combined Murphy's experience in engine monitoring with our direct experience with boaters. We didn't have just a technology advancement. We had a major user-friendly advancement."*

*- Jon Viestenz, regional sales manager*

*- Bill Funk, electrical engineer*

**Cruisers Yachts**



**HV1000®**

Large VGA Color Display

*"Creating the display has certainly been a team effort. Murphy worked with us every step of the way to ensure that the display matched our customers' high expectations. They went above and beyond by providing us with technical, engineering and sales support on location at our office."*

*- Greg Meehan, VP of Product Development  
Correct Craft*



**HV1000i™**

Color Display & customed Bezel

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