

# YachtNet™

Complete Computer Systems Wired/Wireless



**YachtNet™**  
Industrial computer with  
High-Definition Video  
Switching



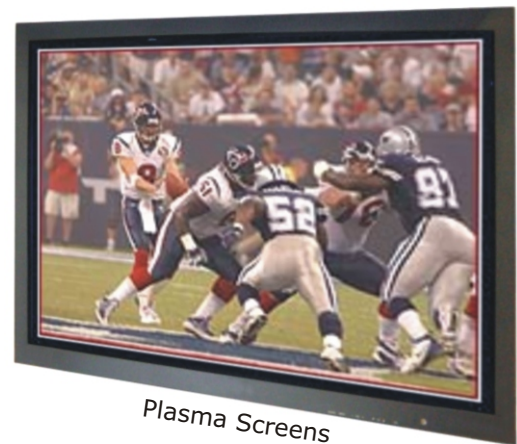
**PSea Concepts™**  
12" Marine Monitor



Wireless control & display  
for the **YachtNet™** system



**PSea Concepts™**  
18" Marine Monitor



Plasma Screens

**Designed**

**Built**

**Tested**

**Ready To Install**

**-The Single Solution-**

# What is YachtNet™ and what can it do for me?

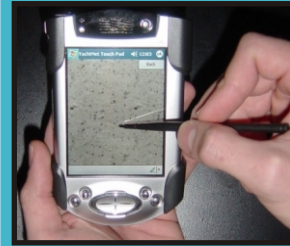
For starters, it is a complete computer system that is designed as **the single solution** for monitoring and controlling all data supplied to the yacht's computer. The entire system is controlled with a PDA, a.k.a. *the remote*. The PDA allows you to choose what is displayed and is an interface for your running applications. Most yachts today are outfitted with a laptop or a standard home environment PC to assist with navigation which simply is not enough. A modern yacht is equipped with a variety of electronic hardware that can be input into the computer and then be displayed universally. View and control any application with the **YachtNet™** system, at every display location - *all wirelessly*.



## Relaxation & Entertainment

With the **YachtNet™** system, you have the ability to view any video source from everywhere on the ship.

The system is so intuitive and easy to use. Everyone young and old will benefit from its convenience.

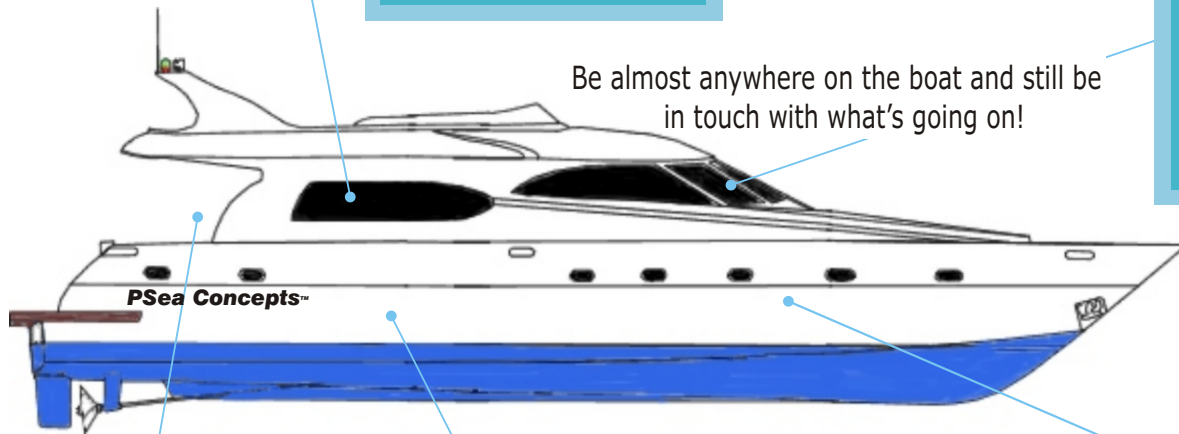


Surfing the internet is a breeze. The remote turns into a touch pad like that on your laptop.

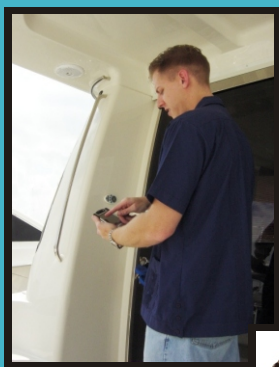


## Control & Information

While at the helm, you can rest your remote in the docking station (left of the wheel) for easy access to your system. The remote's battery won't last forever but with strategically placed docking stations, you will never be without it.



Be almost anywhere on the boat and still be in touch with what's going on!



Install underwater cameras pointing forward and rear for your guests to view the beautiful coral reefs and sea-life. Entertainment for the guests, and an important safety feature for the captain.

## Security & Installation



Imagine being able to board your yacht, disarm the alarm, open the blinds, turn on the lights, and adjust the cabin temperature - all with just a few taps on your PDA.

To the right, the **Yachtnet™** server and video switcher can find a home in part of a stateroom locker (closet). Notice both components are in their own 19" rack-mount housings.



## It's the little things..

While relaxing in your state room, you get curious as to where you are on your voyage. Simply grab your PDA, select what you want to view and presto you're there! No more walking to the bridge, it's all in the palm of your hand. What a time saver!

## Stream LIVE video to your PDA

Video streaming to PDA's is a relatively new advance in technology. Essentially, the server is receiving video data. Whether from cameras or programs running on the network, it compresses the image in a steady stream and sends it wirelessly to your PDA. The PDA receives the data, un-compresses it and sends it to the display. Lag time is minimal, and the convenience: priceless.



# YachtNet™ System Diagram

(Example)



Three easy steps to View or Control what you want, where you want it!

(As an example)

**Step one:**  
Select your device



**Step two:**  
Select your display



**Step three:**  
Select a video source



Streaming Video, Application Control & Monitoring, all in the palm of your hand.

## Technical Specifications

### System Components

- **YachtNet™** Software
- Industrial Computers
- Professional Video Switching
- PDA(s) (Personal Digital Assistant)
- **PSea Concepts™** Displays - UPS (Power Supplies)

### YachtNet™ Software

- **YachtNet™** fully configurable software
- Remote access diagnostics
- Monitor selection control, 1 to 512
- PDA mouse & keyboard control
- PDA video streaming (data & cameras)
- PDA pin security (Owner/Guest(s))

### YachtNet™ Hardware

#### Industrial Computers - Custom-built servers

- CPU's - State of the Art Industrial Grade
- Memory - Hard Drives (Hot Swappable)
  - Video Cards - One to Eight channels with maximum video RAM
- Interface's - Multiple Inputs, Serial, USB, Ethernet

#### Video Switching - Professional Quality HDTV and balanced audio

#### Wireless - PDA using 802.11b LAN Consumer or Industrial grade PDA's with extended battery life

#### Wired - Hardwired bridge controls available

#### Monitors - **PSea Concepts™** Sealed for Outdoors Sunlight Viewable 12.1", 15.1" and 18.1" Displays

- Indoor Bridge Displays - 15.1" & 18.1"
- Integrated Mouse - 12.1"
- Touch Screen - 15.1" & 18.1" (option)
- Dealers for HDTV Plasma Screens from 42" to 60"
- Coming Soon, 30"+Wide Screen LCD's

#### Power Supply - Dual Configuration

#### UPS - External Un-Interrupted Power Supplies Back-up power in case of electrical supply failures. 110VAC Input

#### Server Operating System - Windows® XP

#### PDA Operating System - Windows® CE Pocket PC

#### Typical Software Interface

Navigation, Sonar, Radar  
WeatherFax, Satellite Comm.  
Engine Monitoring, Closed Circuit  
Cameras, Etc.

#### Warranty - 2 Year Limited, Parts and Labor

We at **PSea Concepts™** are constantly improving our products to keep up with the latest trends in the Industry. Our product specification are subject to change without notice. To stay informed of the latest information on **YachtNet™** and its associated products, please visit our website at [www.PSeaConcepts.com](http://www.PSeaConcepts.com)  
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Brochure Design by Steve Olson

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## Company Background

In November 2002, **PSea Concepts™** designed and produced our new product line **YachtNet™**, a remote-controlled network for yachts. **YachtNet™** was designed as *the single solution* for monitoring and controlling all data supplied to the yacht's computer. At **PSea Concepts™**, customization is our business. We review your requirements, assist in designing, planning and specifications, build and test the completed system and make it ready for installation. Whether information is needed at the bridge or in your stateroom, it's all available at your fingertips on your remote control device (PDA).

In 1999, **PSea Concepts™** was formed to produce and market our first sunlight viewable LCD displays for the yachting and industrial offshore oil field usage. Our displays, the **PSea Vision™** product line, have been designed utilizing the best available components and built to the highest standards. Networking and video accessories also used in our **YachtNet™** systems compliment our line of products.

Started in 1981, **P.C. Concepts** was formed as a high-tech service company partnering our engineering services with industry leaders in the development of electronics hardware. Our customer history began in Houston, Texas with the oil field equipment business and now includes aerospace, military, industrial, medical and consumer industries. Utilizing military design standards, our experience encompasses electronic hardware used on the Space Shuttle to deep water drilling in the depths of the oceans and everything in between. For more than 20 years, quality and rugged design have been our expertise.

The **YachtNet™** system is *the single solution* for system integration backed by experience, technology and support for today's yachting industry.

### Accessories

#### Marinized Hubs

##### 4-Port Hubs

MEH-4P-Standard RJ45 connectors

##### 6-Port Hub

MES-6P-Standard RJ45 connectors

#### 2 to 1 Video Switch

VS-2P - 2-Channel video switcher, std. DB15 interface.

## **PSea Concepts™**

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