



TimeZero

Coastal Monitoring

THE FIRST TRUE TURNKEY SOLUTION FOR LANDBASED COASTAL SURVEILLANCE

TimeZero Coastal Monitoring is an innovative system that uses advanced technology, backed by experienced developers. It includes professional features, a user-friendly interface and exclusive integration with Furuno hardware.



Most Coastal Management processes can be supported by off-the-shelf system packages. These TimeZero ready-made packages provide you with the advantages of a standard system that covers most business requirements at a fraction of what it would cost to have such a system custom-developed for you.

In addition, you also benefit from a system that has been tried and tested by other companies similar to your own. As a result, you save on the typical problems that are encountered when new systems are implemented that have been specifically developed for your needs.

The standard system that we offer can, in many cases, be configured in order to better meet your individual requirements. Our robust solutions include Furuno hardware, the strongest marine electronics distribution network in the world. This is coupled with years of experience in application implementation and our advanced technological knowledge.

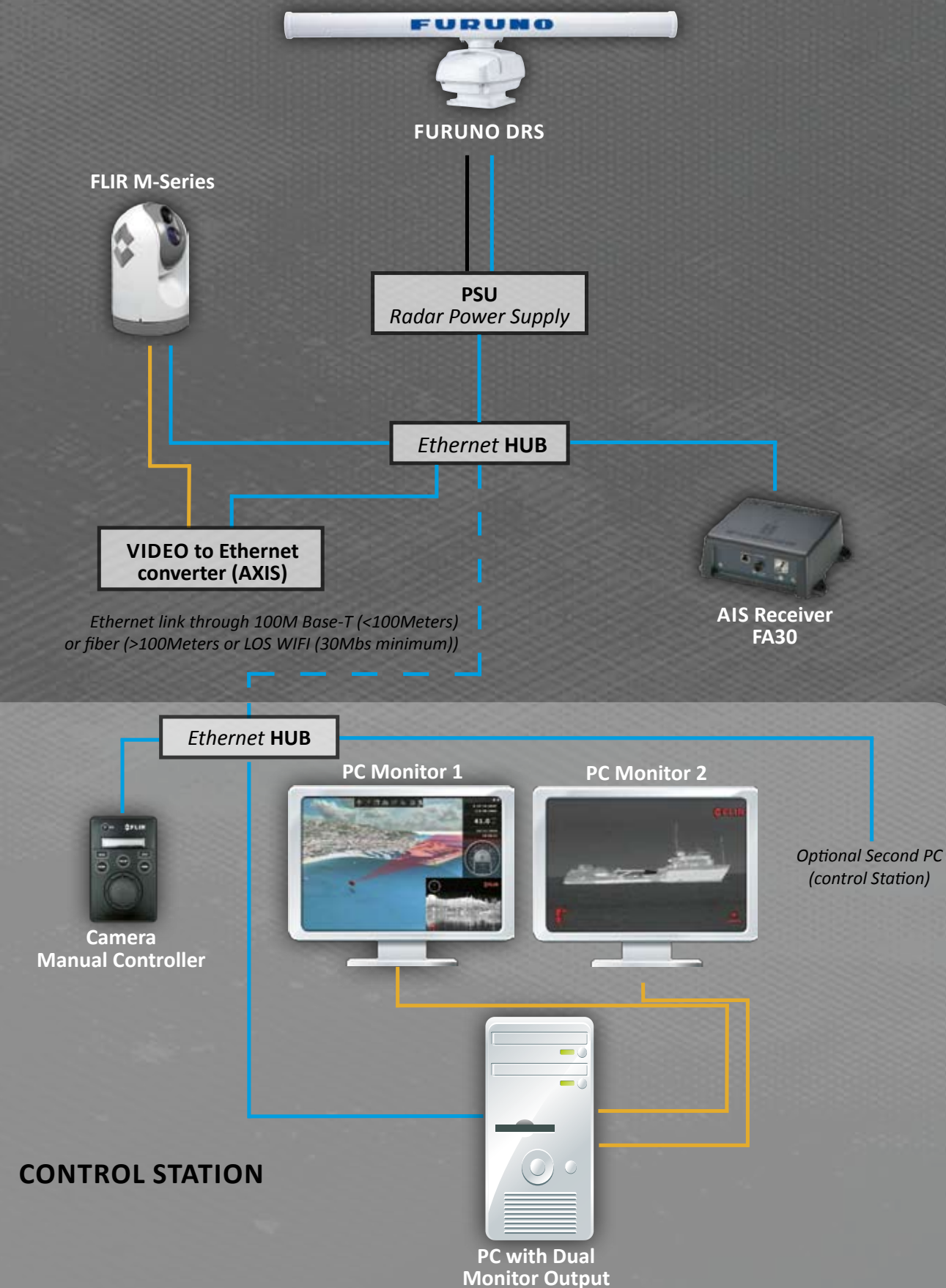
Our off-the-shelf system will meet the needs of different types of customers such as:

- Small- and medium- sized ports and harbors
- Oil Rigs
- Coastal Monitoring

Our technical and financial partnership with the Furuno group means that our professionalism and reliability are guaranteed.

MAIN FEATURES:

- Monitoring and identification of vessels and other navigational objects
- Optimization of port infrastructure utilization
- Detection of illegal activity (terrorism, piracy, illegal immigration, illegal fishing, etc.)
- Collision Avoidance
- Assistance in search and rescue and in coastguard activities
- Record and Replay capability for administrative purposes



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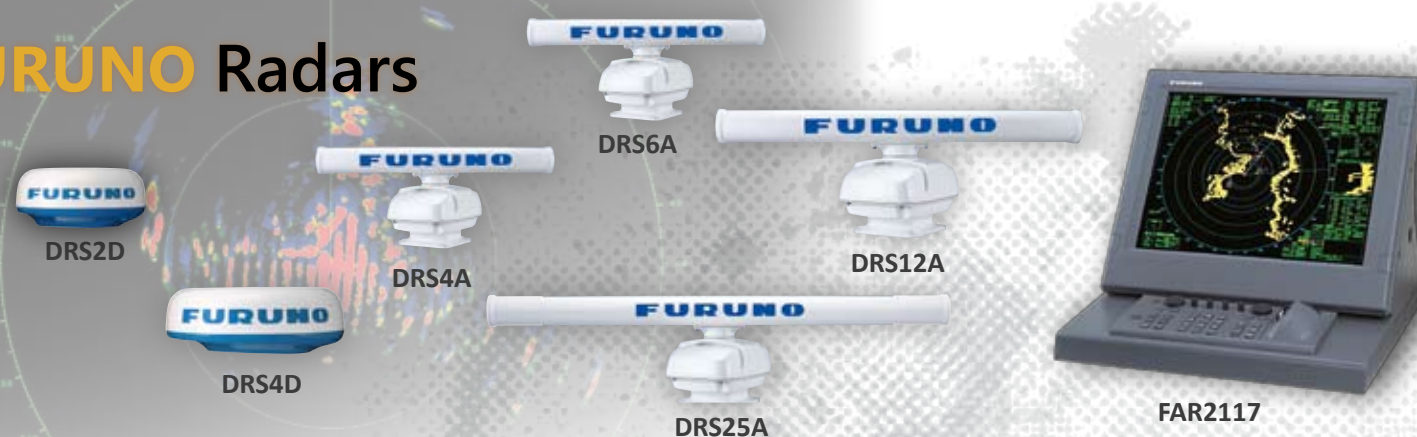
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TIMEZERO COASTAL MONITORING



Introducing TimeZero Coastal Monitoring: *the first true turnkey solution for landbased coastal surveillance*

FURUNO Radars



TimeZero Coastal Monitoring offers native and advanced compatibility with most of the latest generation of Furuno Radars.

Furuno Electric Company has gained an unrivaled reputation as a world leader in the industry. This is the result of technical excellence as well as a worldwide distribution and service network.

TimeZero Coastal Monitoring is the only package that offers this outstanding integration with Furuno.

Cameras

TimeZero Coastal Monitoring offers native compatibility with selected FLIR cameras and is also compatible with the Pelco-D standard protocol to control virtually any type of camera.



FLIR M-Series:

FLIR is the world leader in the design, manufacture and marketing of thermal imaging infrared. The M-Series Premium Multi-Sensor systems combine thermal imaging with a low light camera. They provide crisp, clear thermal imagery in total darkness or light, even in foggy or smoky conditions.

Packaged in a small, ultra-compact gimbal, it is designed for the most demanding maritime applications. The FLIR M-Series is a perfect tool for night-time, shipboard security, man overboard situations, anti-piracy and many other applications. The FLIR M-Series is the standard for maritime thermal imaging systems against which all others are compared.

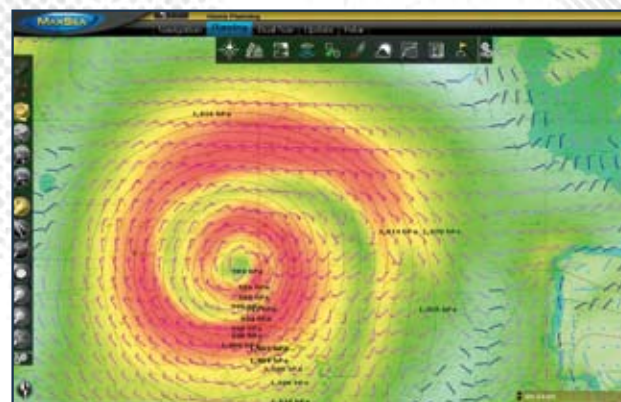


Weather Forecast Service

When the elements get out of control, the sooner you know, the safer you are!

TimeZero Coastal Monitoring gives you free and unlimited access to weather forecasts worldwide. Reliable weather forecasts (up to 16 days) can be downloaded for free directly through the software.

In addition to the weather service, TimeZero Coastal Monitoring can also be connected to a Real-Time Weather Station.

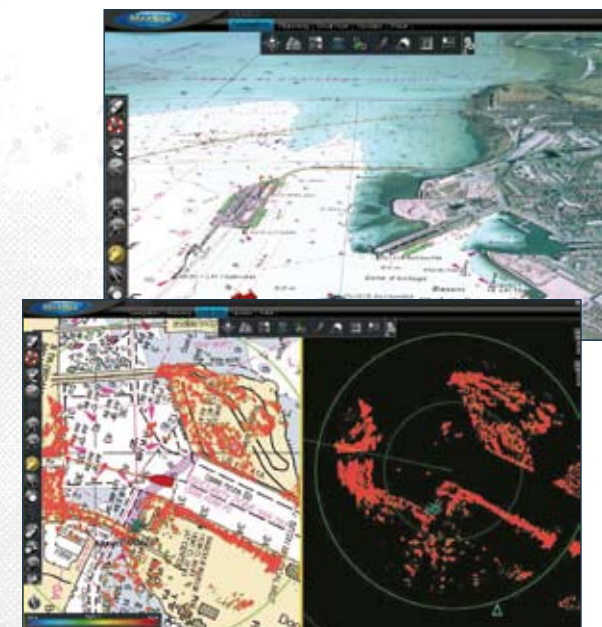


AIS/ARPA Target Tracking

Nowadays, Automatic Identification Systems are the most common tool for marine identification and control. TimeZero Coastal Monitoring comes with the best AIS management available:

With our extremely powerful technology, AIS Targets can be set to specific colors according to the type of vessel it is. Targets can be classified automatically or manually, giving you ultra-precise information about the surrounding vessels.

TimeZero processes the raw radar echo data with its own proprietary high-resolution ARPA algorithm and post-processing filters to provide you with the best detection system. Virtually unlimited ARPA Acquisition and Exclusion Areas can be set up in TimeZero allowing the precise definition of areas to be monitored.



Zone Monitoring

TimeZero Coastal Monitoring offers a full range of alarm customization for AIS and ARPA Targets such as:

- Target Entering an area
- Target Exiting an area
- Change of Speed of a target in an area

Notifications, sounds and all kinds of alerts can be easily configured from within TimeZero Coastal Monitoring. You can even set TimeZero up to trigger other scripts or applications on the PC, thus easily expanding the functionality of your system.

VHF Integration



TimeZero Coastal Monitoring can be connected to 4 VHF radios which allow the monitoring of up to 4 Channels at the same time. Our VHF integration allows advanced record and backup capabilities for VHF Channels.

The intuitive user interface offers a very easy way to go back in time and listen to previous VHF communications together with boat movements, Radar Pictures and Videos.

Record & Replay Function

TimeZero Coastal Monitoring can Record and Replay all input data such as Radar Echo, Videos, AIS, VHF etc.

This capability allows the user to go back in time to listen to old VHF conversations together with AIS movements on the chart.