MULTIPLE SYSTEMS – ONE VIEW – ONE OPERATOR
SeaFusion decreases operational risk, consolidates tasks, and reduces the equipment footprint in operations rooms. SeaFusion is used where coverage by a single radar may be obstructed by masts, derricks, or other superstructure, and multiple radars are required to provide 360° coverage around an installation. It merges independent data streams from two to four separate sigma S6 radar processors into one composite view. This eliminates the need to use multiple video screens to monitor a segmented view of the operating environment of a vessel or platform. SeaFusion’s singular 360° presentation makes tracking of moving targets or objects in multiple sectors completely seamless.

**Sample Configuration for an Offshore Platform**

Note: All radars connected to the SeaFusion system have to be like models and must operate in the same pulse mode.

SeaFusion generates seamless application imaging, provides AIS and non-AIS target tracking, and supports EO/IR camera integration. SeaFusion presents integrated data on one monitoring station that is also able to remotely control the settings of the sigma S6 radar processors connected to it. Adding Rutter multi-client feature allows remote users onboard or onshore to view the master monitoring station. With superior imaging and multi-sensor integration capability, SeaFusion is a powerful platform for advanced monitoring and decision support.

**Automatic Data Integrity Checks**

Integrity checks are automatically completed against data from each sigma S6 radar processor to ensure settings for each radar match during operation.
The SeaFusion server acts as a central controller for all sigma S6 radar processors and cameras in the system, enabling the operator to adjust parameters and ranges as required, all from one workstation.

SeaFusion comes with Class A and B AIS target tracking and display capability. Targets can be displayed with full informational options, radar tracks and target association.

Integration and control of cameras is facilitated through the SeaFusion user interface. Features include support for multiple cameras, intelligent selection of best views for specific targets and automatic slewing to targets entering a guard zone.

The remote client feature allows numerous remote clients to view the SeaFusion display, enabling information to be shared wirelessly, through an Ethernet connection or via satellite link to distant control centres.

Radar recording options provide for raw data recording, screen captures and/or video recording.
PRACTICAL AND VERSATILE SOLUTIONS

Rutter sigma S6 technology connects to most commercially available marine radars, enabling customers to extract additional value and effectiveness from their existing assets. Should it be required, Rutter provides the option of supplying a dedicated high performance radar as an input sensor. As with all Rutter sigma S6 product lines, SeaFusion can be combined with any of our other systems to meet your needs: Ice Navigator™, Small Target Surveillance, Oil Spill Detection and wave and current measurement through the WaMoS® II wave and current monitoring systems offered by OceanWaveS GmbH.

Information about end user training, product support, product combinations, performance modeling, product references and reliability measures can be provided by e-mailing your request to support@rutter.ca

Rutter Inc. is an authorized representative of OceanWaveS GmbH.