



**Providing Scalable
Surveillance Solutions for
Vessels, Ports, Waterways,
and Offshore Facilities.**

Vessel Traffic System (VTS)

SSR Engineering can provide a turn-key Vessel Traffic System (VTS) that includes radar, automatic Identification system (AIS), camera video, and other sensors along with integrated display consoles.



The heart of SSR Engineering's VTS System is the PC-RP™ radar processor which can be remotely configured and controlled. Multiple video cameras can be integrated with the PC-RP using a Camera Manager that provides the ability to slave cameras to radar tracks.

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SSR Engineering

Helping Keep America Safe

PC-RP™ Radar Processor

- advanced signal processing techniques
- simplified radar controls
- networked based, allowing remote control and display
- utilizes Commercial Off The Shelf (COTS) hardware

Radar Display Operator Position (RDOP™)

- remotely control and display radar data
- electronic charts
- configurable for shipboard, IFF, or VTS applications

Camera Manager

- cameras slaved to follow radar tracks
- points cameras to track or geographic position

LAN API Recorder

- records radar image, track, and operator controls
- playback for training or incident investigation

System Tracker

- correlates radar, AIS, RDF, IFF, and other sensors
- uses raw target data from multiple radars
- maintains thousands of tracks