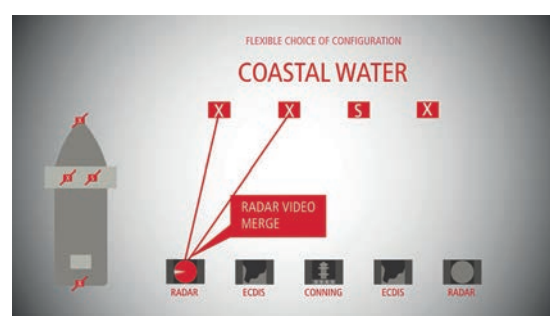
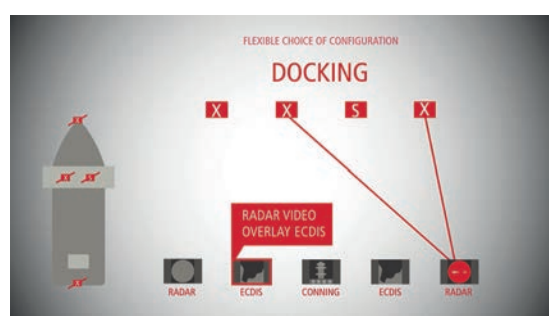
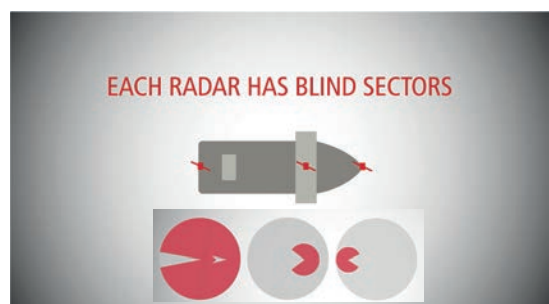




Video merging for Radar NX.

Typically, superstructures on vessels create blind sectors on a radar that mean a significant risk. Anschütz offers a unique, patented radar video merge that delivers a seamless and unobstructed 360° radar video with an unparalleled flexibility and maximum performance for safe navigation.

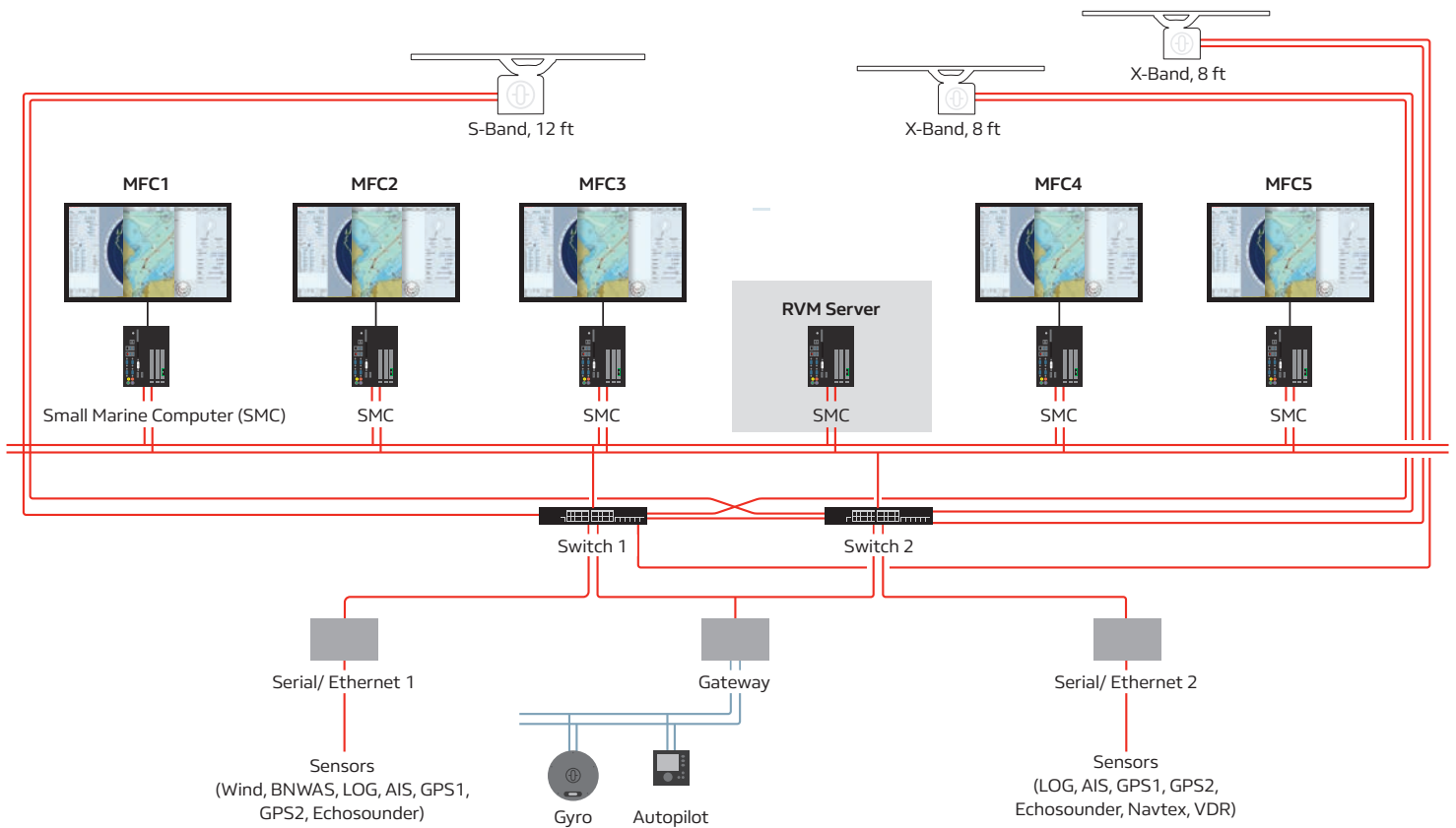


Key Benefit

Conventional video merging cuts the radars' videos and put them together again. Our patented "virtual transceiver" technology makes a difference and ensures video merging without quality losses and without interfering with clutter removal or target tracking.

Main Features

- Video Merging combines navigation radars of the same frequency range (if required, at different antenna speed) to a new 360° radar without blind sectors
- Technology enables flexible use of the radar video merge at any workstation at any time
- Easy to add as an upgrade to all NautoScan NX based and Scanter 2602 or 6002 based radar systems in combination with Radar NX



How does it work?

The radar transceivers share raw videos through the network to a radar server on the bridge, where the video streams are merged by using a consistent common reference point provided by the application and performing an enhanced paraxial error correction.

The newly created, corrected radar video is integrated into a "virtual radar transceiver". This way, the advanced and unique filter technologies like CFAR or scan to scan correlation and the high-performance tracking algorithms of Radar NX are also performed upon the virtual radar video, multiplying the benefits.

Navigators will experience the Radar NX with the Video Merging as the best navigational radar video available today for safe navigation under any conditions.

The Video Merging can also be used within the radar overlay feature on ECDIS NX (requires the respective add-on).

Application software upgrade

The patented Video Merging is available as an add-on to the Radar NX application from software version Synapsis E04.04.

A separate Small Marine Computer serves as radar server on the bridge.

The Video Merging can be activated on the interswitch page of the Radar NX menu. Besides the physical radar transceivers, the new "virtual transceiver" can be selected. For the operator there will be no difference whether using a physical radar or the virtual transceiver, except from a much-improved situational overview.

Learn more



Radar NX

Visit the website and experience the functionality of our Radar NX/Chart Radar NX application.

www.anschuetz.com/radar-nx

