



ROCS FEATURES

- 110-220 VAC
- WAN
- 2 x LAN
- 4 x BNC Connection for SD and SDI Video Input

REMOTE SOLUTIONS

The 4D Nav Remote Solution is a comprehensive package that does more than just take the place of an offshore role, it will enable a shore-based operator to simultaneously manage multiple vessels by leveraging the powerful algorithms contained within NavView. 4D Nav's solution enables the management of project risk by allowing clients to utilize fewer resources to conduct multiple projects. The remote solutions can be applied to any of our software products making our solution the most comprehensive remote solution on the market.

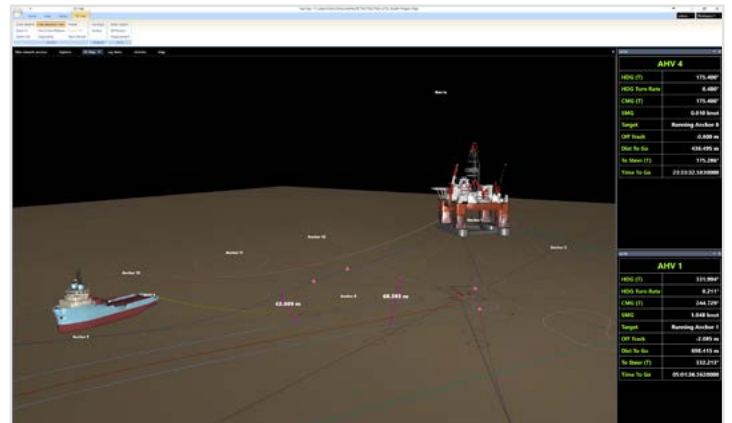
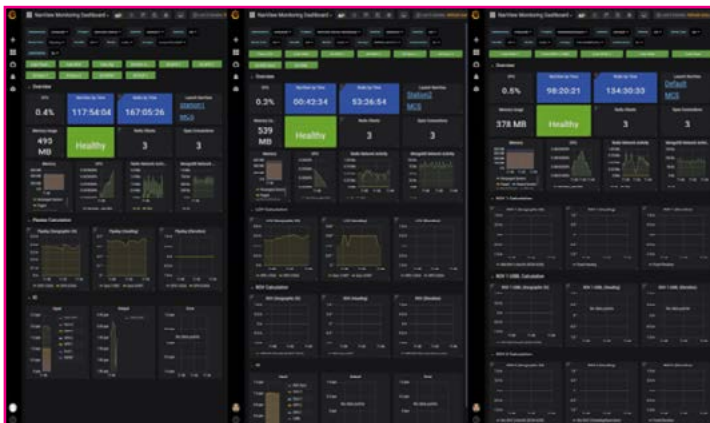
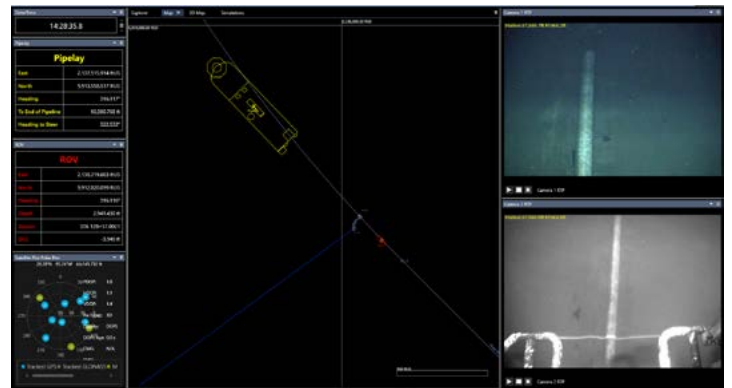
Available as a small form factor system, our latest issue of Generation 2 remote solutions supports peripheral systems such as Sonardyne USBL, GPS, Gyro, INS, and sound velocity profilers, making this an easy to deploy, ideal remote solution.

FEATURES:

- Navigation data, switchable video and selectable Clear-Com voice are available in one integrated system
- Designed to be bandwidth efficient (512kbps of dedicated bandwidth)
 - › 125kbps per ROV video feed (typically 2 feeds required)
 - › 60kbps for NavView
 - › 60kbps for Clear-Com
 - › 142kbps extra for updating project files, etc.
- System fully functional onboard in the event of communications loss.
- Onshore system receives all survey data from offshore system once communications link is restored.
- Localized data logging onboard the vessel as well synchronizing with 4D Nav cloud for logging data remotely
- Control up to three vessels from one workstation to optimize operator time
- Survey Monitor Dashboard (SMD) can monitor the overall status of all sensors on each vessel
- 24/7 shoreside support and dedicated Network Operations Center (NOC) for operations
- Easily control or monitor various external peripheral devices such as:
 - › Sonardyne 6G Transciever
 - › Sonardyne USBL systems
 - › Tritech Profilers
 - › Valeport SVP
 - › IxBlue ROVINS, PHINS, and Octans
 - › Total Stations
 - › TSS Motion Sensors and Gyros
 - › Veripos GNSS
 - › As well standard NMEA or configurable inputs

BENEFITS

- Reduction in carbon footprint and logistical challenges of personnel crew changes and mobilizations & demobilizations
- Low-cost mobilization, and logistics, with plug and play options
- Save money and de-risk with less people offshore
- Expert users can remotely work to support multiple vessels where crewing issues may present a lack of expert skills
- Can work in a hybrid scenario whereby onshore remote users can compliment and support reduced crews offshore
- Synchronized data logging between onshore and offshore crews (hybrid scenario) ensures users are working together
- Extensive track record with O&G majors - proven system, that has been deployed globally with multiple customers
- Available for all 4D Nav software products and applications
- Network operations center can be setup anywhere, i.e., not restricted to 4D Nav or client office





4D NAV

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