



iNAV®

Master Vessel and Rig Positioning System

The iNAV® vessel positioning suite is a modularised technology for effective positioning and survey support during all offshore drilling, marine and survey projects.

For each vessel positioning package, iSURVEY proposes using an iNAV® application. The standard iNAV® configuration will comply with all requirements for surface positioning services which have been developed for the positioning/mooring of an offshore construction vessel.

At the heart of every iNAV® installation lies the Eiva NaviPac online navigation software, part of the Eiva software suite. This software can easily be configured on-the-fly for single or multi-vessel operations (tug management), and is scalable to include numerous additional marine assets.



iNAV® - Helmsman's Display

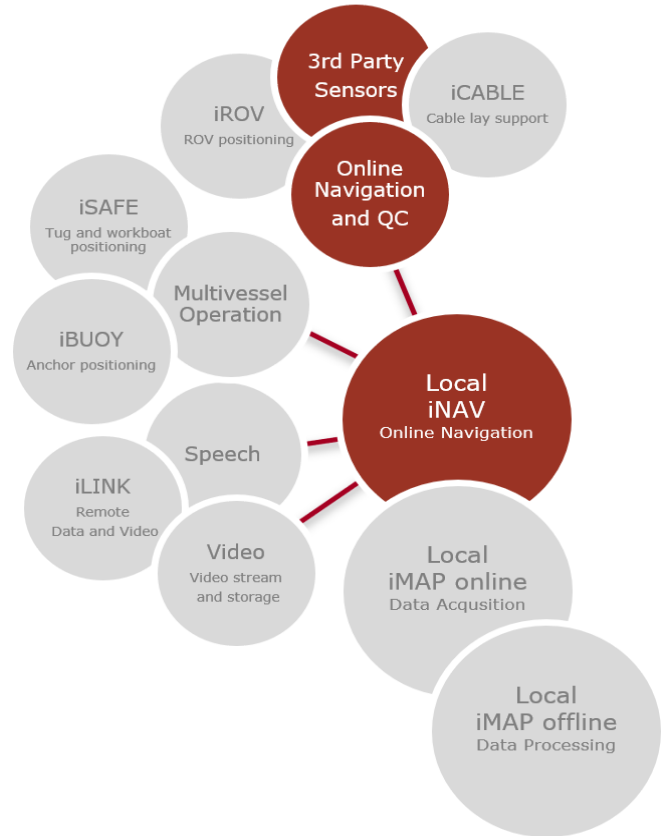
iNAV® Vessel Positioning Suite:

Online Navigation System

- NaviPac online navigation system (Dual system)
- LCD displays
- Remote Helmsman's display
- Automatic Identification System (AIS)
- Printers
- Wide range of 3rd party survey / vessel sensor interfaces

GNSS Position Options

- C-Nav C²/C³ (< 0.1m horizontal position accuracy 95%)
- Veripos Ultra²/Apex⁵ (< 0.1m horizontal position accuracy 95%)
- Veripos Std/Std+ (< 1.5m horizontal position accuracy 95%)
- RTK (Up to 5 km: < 0.02m horizontal position accuracy 95%)
- Post Processed (< 0.01m horizontal position accuracy 95%)



Extensions to iNAV®

Remote Operations

- iCONTROL® - Secure remote vessel access
- iROCC - Remote operation control centre

Offshore Cable

- iCABLE® - Cable laying online suite

Seabed Surveys

- iMAP® - Data acquisition and processing suite

Marine Construction

- Wide range of subsea positioning solutions
- USBL / LBL shallow and deep-water solutions
- Subsea instrumentation and communication links
- Metrology

Rig & Mooring

- Anchor handling system and Tug Management system
- iSAFE® - AHV / Tug Positioning
- iBUOY® - Subsea anchor tracking
- Online and offline catenary calculations

Miscellaneous

- Additional client helmsman's displays
- iROV® - ROV interface and monitoring
- Video presentation and storage
- iLINK™ - Remote data and video transfer
- Electronic charts
- 3D online suite
- Online tide calculations

Documentation

- Survey procedure
- Survey data processing and reporting
- Geodetic consultancy

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NORWAY
iSURVEY Group AS
iSURVEY AS
Billingstadsletta 14
NO-1396 Billingstad
Norway

+47 4541 4100
norway@isurvey-group.com

sales@isurvey-group.com

UNITED KINGDOM
iSURVEY Offshore Limited
7 Kingshill Park
Venture Drive, Westhill
Aberdeenshire, AB32 6FL
United Kingdom

+44 (0)1224 418210
uk@isurvey-group.com

SINGAPORE
iSURVEY Pte Ltd
22 Pandan Road
Singapore 609274

+65 6513 0589
singapore@isurvey-group.com

www.isurvey-group.com

