



iSURVEY

USV iMAP Remote

Remote Unmanned Surface Vehicle (USV) control and monitoring of iSURVEY's data acquisition and data processing operations



All types of operations are based on a combination of our different iSolutions, including iNAV®, iSAFE®, iROV®, iMON®, iCABLE®, iMAP®, and iLINK™ to ensure both simplicity, as well as the use of well proven software. Remote Video and Remote Speech can also be made available.

USV Control

A complete offshore 'over the horizon' (OTH) USV solution has been developed and is planned to be operational in Q1 2021. The solution is based on the iXblue - Drix USV platform.

iMAP Remote Data Acquisition

The Data Acquisition system onboard can be accessed and operated remotely using the iMAP Remote Data Acquisition solution. Online quality control (QC) and Near Online QC parameters can be used to ensure that all data collected is according to specifications, as well as to avoid data gaps and poor-quality data.

iMAP Remote Data Processing

To standardise across all types of operations, and to avoid transferring huge data sets over satellite communication, all survey data is kept onboard and accessed and processed remotely using the iMAP Remote Data Processing Solution. This also allows for more rapid QC and faster delivery, for offshore decision making.

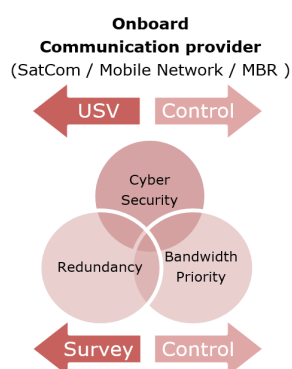
Automation processes are continuously developed to speed up the processing and to improve the final delivery. In special cases, the data can be optimised, compressed and transferred to shore for remote processing.

iUNIFY

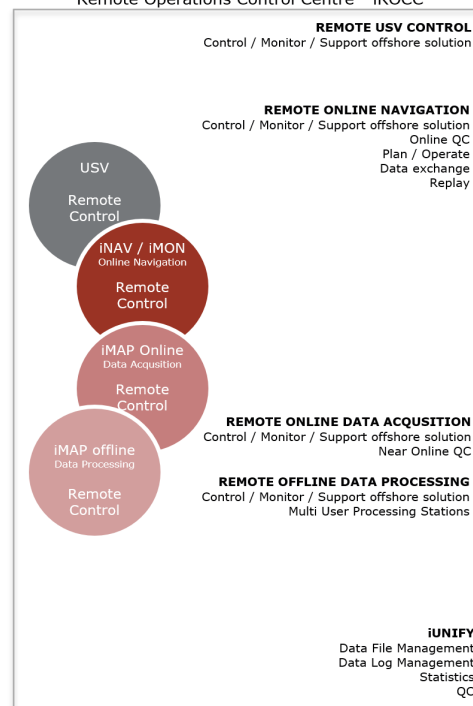
For projects involving several departments, it is important to co-ordinate the survey logs. Files logged are monitored and linked to survey lines and logs in a database. Reports on QC and progress status can be accessed locally, remotely and by the Client.



iCONTROL



Remote Operations Control Centre - iROCC



Client USV Portal

Client Online Survey Portal

Client Offline Survey Portal

Client Progress Portal

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