icd® Projects

control technology

Complete Control System solutions

ICD Projects has broad experience in programming, modelling/simulation, electronics, cybernetics, hydraulics and electric drives.
This makes us your optimal partner in developing innovative customer adapted solutions.

We offer turn key control systems to even the most complex operations, all including the latest high- performance control technology.

Contact us and we will discuss the optimal solution for your application:

Marine and Offshore

Handling systems;Winch control, Electronic spooling control, Module handling.
Drive system control, Tension regulators,Slip control, Heave compensation.

Monitoring

Alarm systems, event logging.

Factory Automation

Machine control, robotics, maritime processing.

Our goal is to make your product a winner!

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Explore new possibilities for your type of application:

- Improve dynamic performance
- Increase efficiency and reduce operational cost
- Increase safety
- Reduce down time
- Rapid and problem free start up
- Easy to maintain
- Based on CDP for faster development
- Increase competitive strength and profit

ICD control technology is chosen by a.o;

Rolls-Royce Marine AS
Hydrakraft AS
National Oilwell
Odfjell
Geoconsult
Rieber Shipping
Optimar Herøy
PGS

System design

Regulator design

Software programming

Simulation

Installation

Commissioning

Maintenance

ICD Projects support all project phases from design to maintenance

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Active Heave Compensated Platform

For Odfjell we developed the Heave Compensated Platform for offshore cargo handling.

Control utilises advanced cybernetics, such as nonlinear multivariable regulators. Extensive mathematical modelling and simulation was used in the development phase.

Delivery was performed in less than three months.

Radio control using graphical screens for on- line configuration

For the EMGS seismic cable handling system we developed a new radio control concept.

A convenient interface to a complex installation is achieved using CDPUI computer screens as an extension of the radio units.