

FLATDIS

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major business	Engineering Control System/Video Fire Detection System		

‘A company that carries out the maintenance and upgrade and the vessel ECS ’ Flatdis Co., Ltd. was founded in 2002 and has accumulated diverse experiences in the field of naval vessel control systems. We aim to further grow in the AI-based control field, leveraging our expertise in IT. We value trust, sincerity, and responsibility, and strive to provide the best service in terms of quality and delivery schedule based on our extensive experience and technical capabilities. We are dedicated to becoming a company that works passionately with our customers.

Products



Use Display and process information for each device on the vessel/Provide operation, control, and observation functions of the propulsion system

Description ECS performs controlling and monitoring functions for the main propulsion system, electrical system, selected auxiliary system, and ship’s total damage control system based on a distributed open architecture system supported by a fiber optic communication network



Use It detects a water leak, flame, and explosion by analyzing a CCTV real-time input image./It detects fire early and in broad areas

Description VFDS is a system providing an alarm by early detecting flame, smoke, water leak, and floods by analyzing video information that is input from a CCTV camera and is designed to occur a warning in case of a fire by developing the naval vessel VFDS system which is applied the video fire detection system

Technical Capacity

» Data acquisition unit

The equipment(the part corresponding to the heart of the control system) which is that controls the mechanical device using data collected from various sensors in the vessel(warship/battleship,merchant vessel)

» Digital signal processing technology

Integrated multi-functional, high-performance fire detection and alarm system for Vessels