

Tailor-made solutions

KR Customer Service Applications

KR e-Fleet V2 - Fleet Management System

KR e-MESIS V2 - Materials and Equipment Survey & Inspection System

KR EDAS V2 - Electronic Drawing Approval System



Tailor-made solutions
KR Customer Service Applications

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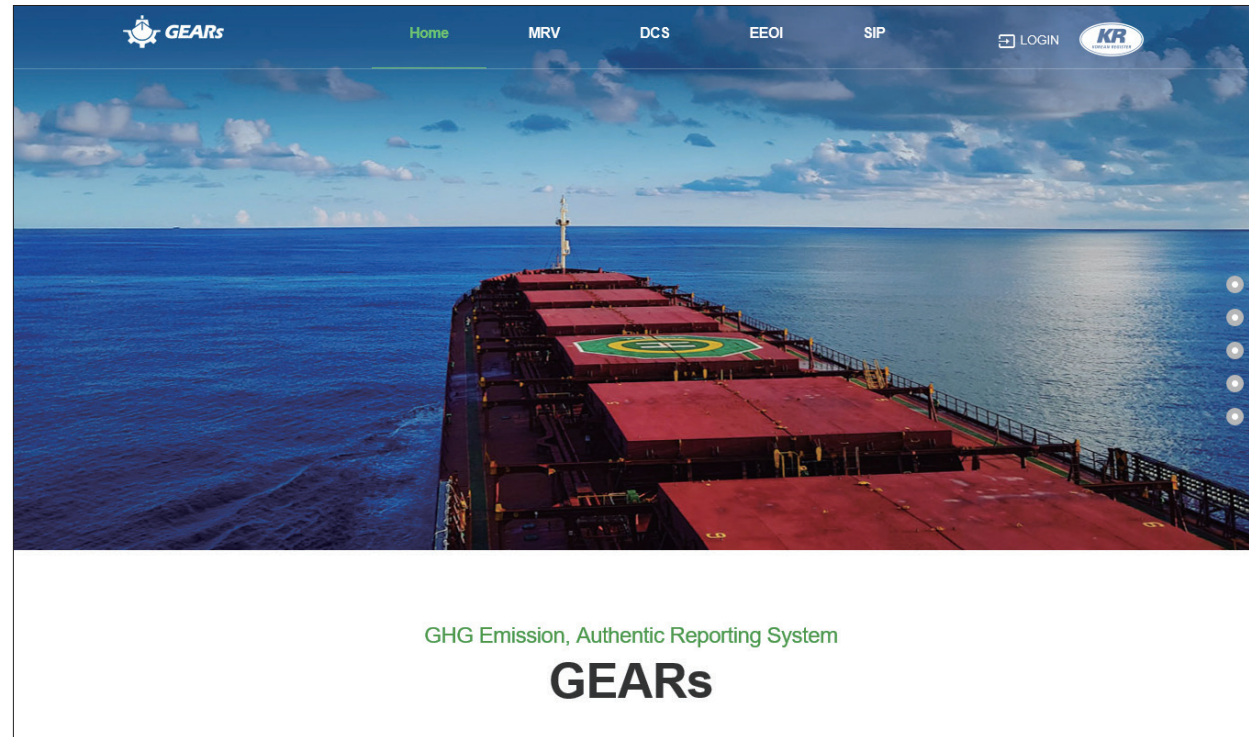
About Korean Register

KR is a world-leading, technical advisor to the maritime industry, safeguarding life, property and the environment through the pursuit of excellence in its rules and standards. Founded in 1960 and becoming a member of the International Association of Classification Societies (IACS) in 1988, we ensure that our customers receive immediate and high quality service through a comprehensive network of more than 60 offices, and our headquarters in Busan.

Linked web site with KR e-Fleet V2

KR GEARS

GEARs is KR's powerful solution for compliance with GHG & Air Pollution Regulations. Shipping companies can manage their vessels emissions and analyze their ship's operational efficiency using GEARs.



Monitoring Fuel Consumption & Operation Data



Gears collects fuel consumption (CO2 emissions) and operational data automatically generating the data report required for EU MRV & IMO DCS

Compliance with GHG & Air Pollution Regulations



■ (EU MRV) As the accredited verifier, KR can provide

- ✓ Assessment of Monitoring Plan
- ✓ Verification of Emissions Report

■ (IMO DCS) As the Recognized Organization (RO) KR can provide

- ✓ Approval of SEEMP Part II
- ✓ Verification of ship fuel oil consumption data

■ (SIP) As the Technical Expert, KR can provide

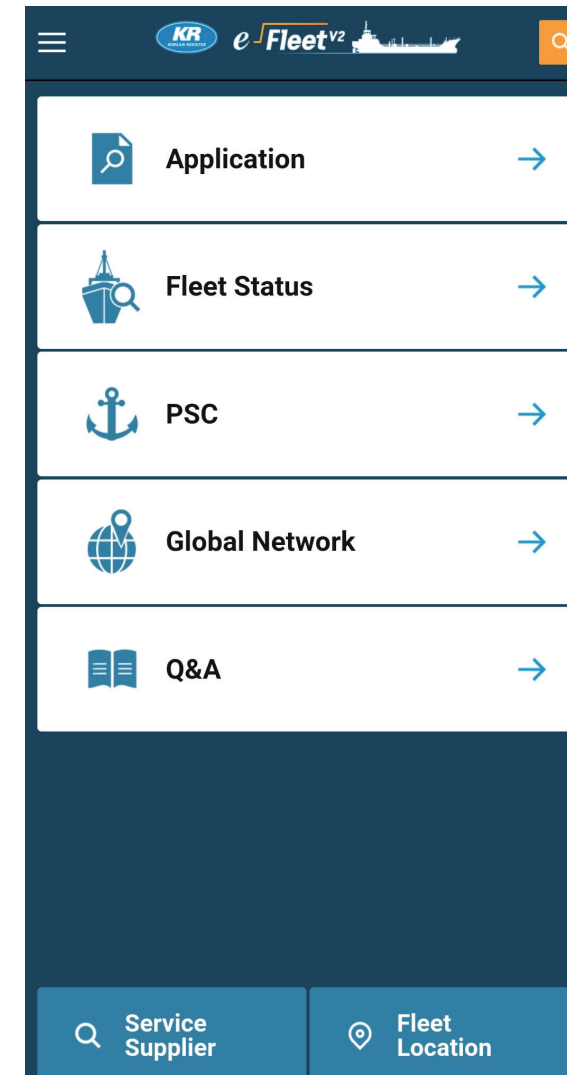
- ✓ Tools for developing the Ship Implementation Plan
- ✓ SIP and risk assessment sample

Managing Energy Efficiency



KR GEARs can analyze the vessels energy efficiency comparing it with database records and develop a visualization of ship's operational data.

Overview of KR e-Fleet V2 Mobile App

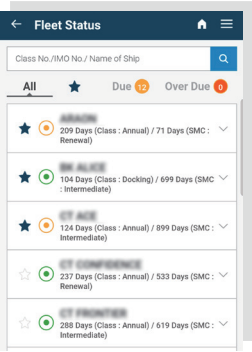


Korean Register has optimized and customized KR e-Fleet V2 for mobile phone by adding more convenient functions which are accessible on a phone. The information offered by KR e-Fleet V2 such as survey application status, information about survey and audit, ship tracking service, PSC information etc. are all available on a phone in real time.

The newly launched KR e-Fleet V2 App is designed to offer advantages to our mobile phone users regardless of when or where they are using it. Additional functions such as a pre-alarm service for surveys, a function for forwarding documents, a ship tracking service, a function for writing a PSC checklist and attaching pictures, etc. have been added.

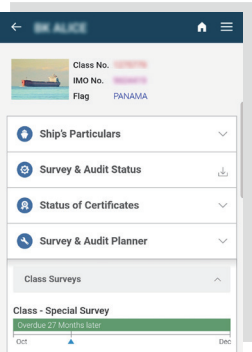
In addition, the Global Network information gives the closest KR branch office to our client as well as all the information relating to KR branch offices around the world. This means our clients can quickly and efficiently solve any problems immediately, by contacting and talking to a KR branch office whenever they have a question about their survey or audit.

Main Features



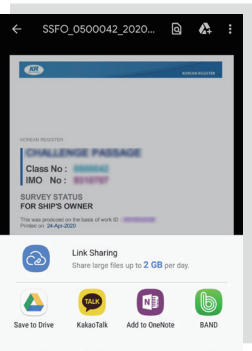
Optimized fleet management app for clients

This app is an optimized application for shipping companies, assisting their fleet management by offering a function to search the nearest KR branch office and KR surveyor utilizing the mobile phone's GPS, a function to take, edit and attach pictures with the phone, and a function to send downloaded electronic documents to other people.



Easily noticeable survey and audit status

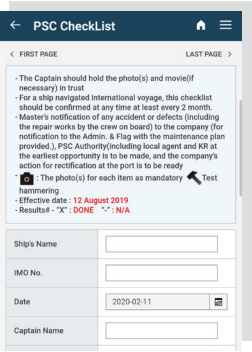
The upcoming survey and audit status of our client's fleet can be seen instantly and easily using different colors each in a line. It lists the closest survey by due date, by kind of survey/audit and number of days left until the due date. Furthermore, users can check for more details for each vessel which is colour-coded in the "Survey & Audit Planner".



Simplified system for clients

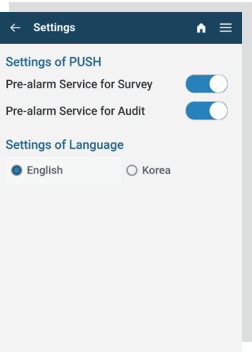
Korean Register is offering the application status of survey/audit for all vessels in the classed fleet. Data sharing is easy since we are providing the certificates and reports after survey/audit as electronic documents. Electronic certificates authorized by the vessel's flag are available to download with the survey status in real time.

In addition, we have added a function to attach pictures to improve our understanding of any questions posed by our clients and for their convenience making an inquiry. Our clients can contact a KR branch office direct using the Mobile App without needing to search on the KR website when they are applying for a survey/audit.



PSC Checklist

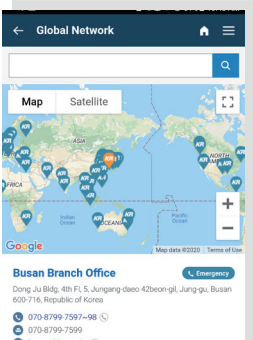
Our clients can complete their own PSC checklist as offered by KR through the Mobile App, and they can then send the written checklist to their company via the email service on their phone. A PSC checklist can be compiled by anyone, and the user can attach any pictures taken on the phone while writing the checklist in order to enhance understanding.



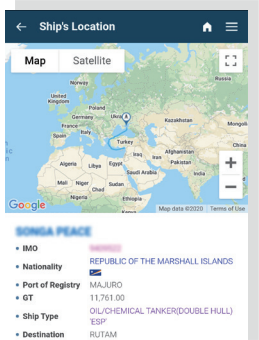
Pre-alarm service

Korean Register sends notices of ship surveys every three months and a reminder of survey once a month before the due date of each survey. In addition to this service, we are now offering pre-alarm service via the Mobile App. The pre-alarm message will be sent two weeks in advance for the upcoming survey, to each vessel's superintendent according to the information provided by the client.

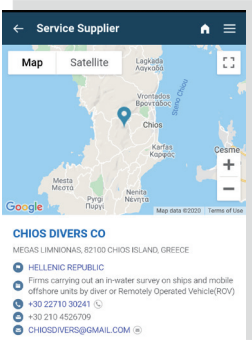
Other functions



Global Network

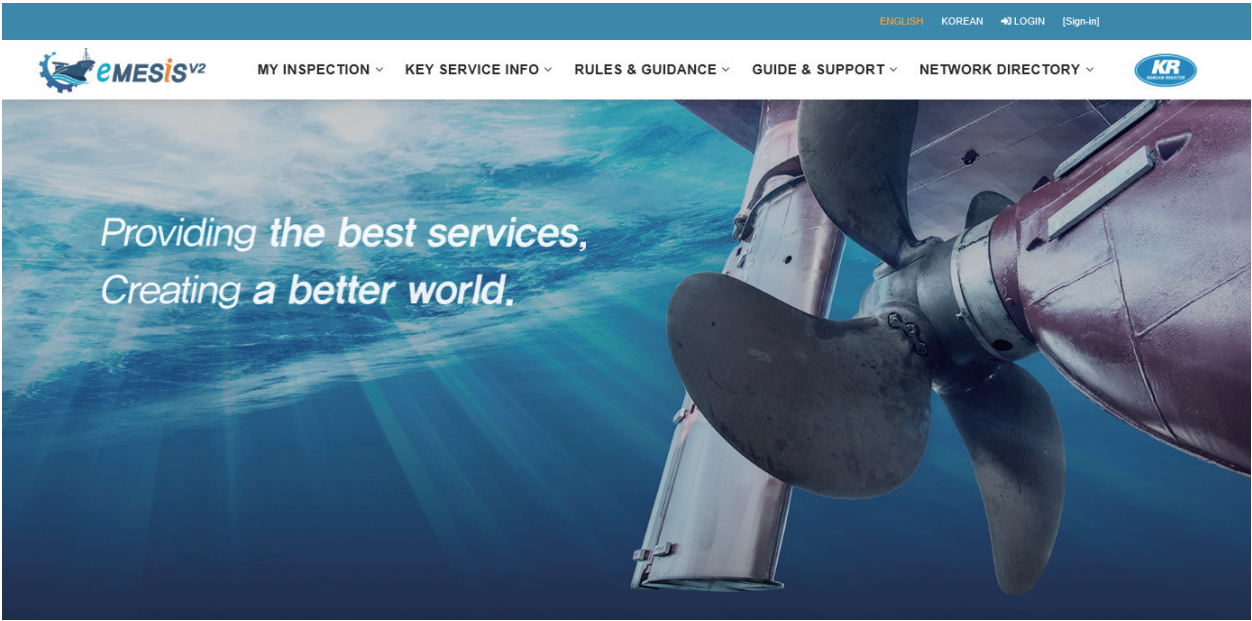


Ship's Location



Service Supplier

Overview of KR e-MESIS V2



KR e-MESIS V2 is a total management system for the inspection and approval of equipment.

Applicants can apply for inspection or approval in the KR e-MESIS V2, check the progress, and download the approved documents or certificates. KR e-MESIS V2 helps save time spent sending and receiving documents or certificates, providing a convenient way to complete the inspection or approval records, making it easier to search them when needed.

Special Features

One-stop service inspection/approval



KR e-MESIS V2 is a system that manages the entire process online, from application for inspection and approval to document review, verification and the issuance of certificates. You can check your inspection history anytime, anywhere, and your approved documents and certificates are stored, so you can download and use them whenever you need.

Search of approval lists



KR e-MESIS V2 provides a function to search approved equipment and manufacturers. For paper-based certificates issued in the past, you can check the authenticity of the certificate by searching the certificate number. Shipbuilders and shipyards can search for necessary equipment and materials to quickly supply and demand materials. Information on type approved products by Korean Government is provided, as well as type approved products by KR.

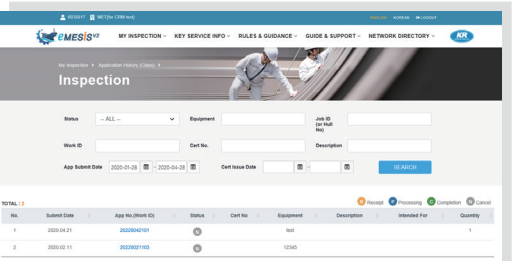
Provide comprehensive information



KR e-MESIS V2 provides information on the types and criteria of approval required for each kind of equipment. Manufacturers can accurately set the performance target for the product being developed by checking the information in advance and achieving the target attainment quickly.

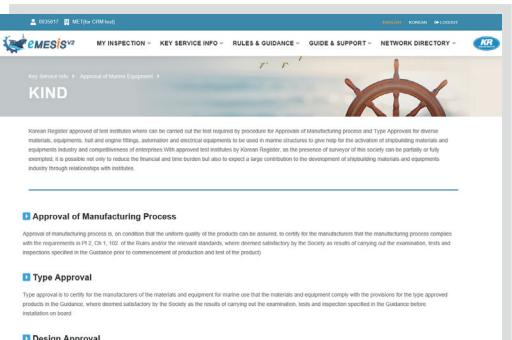
Main Menu

My Inspection



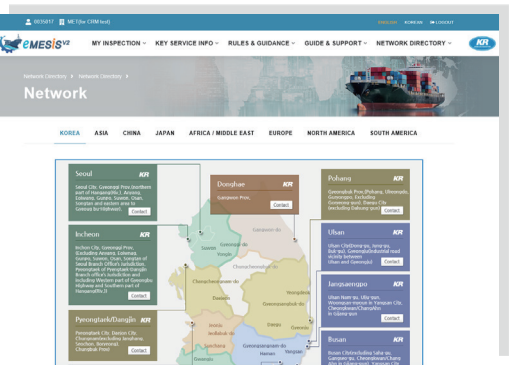
The 'My Inspection' menu provides you with services; from application of inspection and approval, to checking the progress and downloading certificate. In addition, the status of all certificates can be checked online to confirm the upcoming expiration of the annual and renewal period, and the application can be submitted as necessary. 'Application History' shows the previous application history and keeps approved documents and certificates for long-term retention without loss. You can download and use data whenever you need to.

Key Service Info



The 'Key Service Info.' menu provides information on our services for the equipment sector. In the section for MP and TA, the application methods and criteria for approval and inspection are provided, and the approved products and recognized testing laboratories information are provided. A list of approved service suppliers can be found in the 'Service Suppliers' menu, and information relating to statutory services, CE mark authentication and third-party inspection can be found in the 'Other' section.

Network Directory



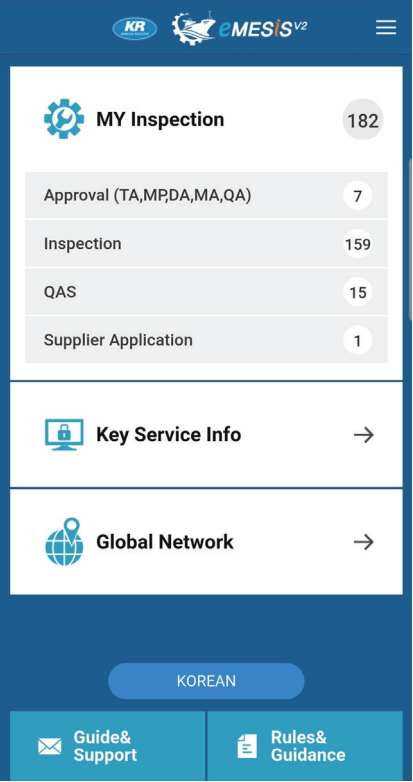
The Network Directory provides jurisdiction and contact networks. It is provided schematically through each country's map-based location.

Overview of KR e-MESIS V2 Mobile App

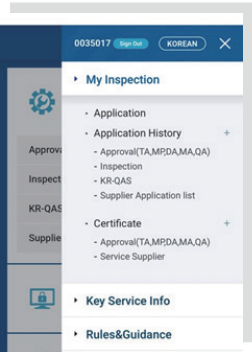
Korean Register has been optimizing and customizing KR e-MESIS V2 for mobile phone by adding more convenient functions for a phone, allowing our clients to use KR e-MESIS V2 more conveniently. The information offered by KR e-MESIS V2 Mobile App, such as survey application status, information about survey, certification information, Global Network etc. are also available on your phone in real time.

To manage your approval information and help you with your application, we can provide a variety of information through the reminder notification feature, key service information, rules and guidelines, Q&A, FAQs, and more. In addition, you can easily download approval files or certificates.

In addition, the Global Network function, which provides information on the KR branch closest to the current customer's location, provides information on KR's branch located around the world as well as the local branch information. This allows you to contact each branch at any time to resolve any questions related to inspection of equipment and materials. The App efficiently provides a range of information relating to equipment and materials for customer's convenience.

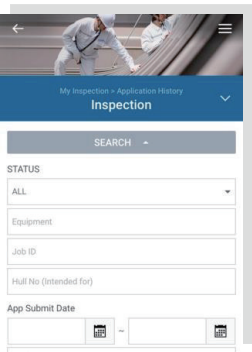


Special Features



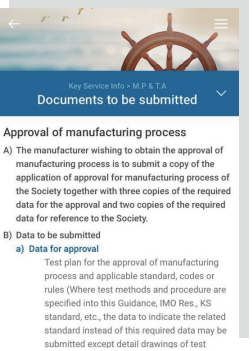
One-stop service for inspection/ approval

It provides mobile services for the entire process from application for inspection and approval of equipment and materials, to confirmation of progress and downloading certificates. You can check your inspection history anytime, anywhere, and your approval data and certificates, so you can download and use the certificates from the e-certificate site whenever you need them.



Search of approval lists

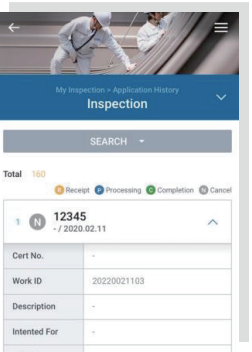
It provides the ability to search certificates and to find approved equipment and manufacturers. For paper certificates that have been issued in the past, you can search the certificate number to verify the authenticity of the entries. It can search for necessary equipment and materials for quick supply and demand. Information on government approved products is provided too.



Provide comprehensive information

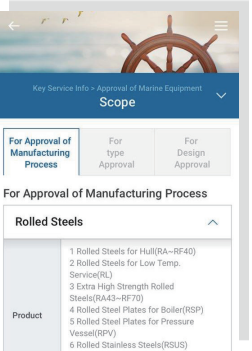
The type and criteria of approval required for each type of equipment and materials are provided. Manufacturers can accurately set performance targets for products that are being developed by checking the information in advance and achieve their goals quickly. In addition, we have added a photo attachment function to improve the convenience of addressing customer queries. You can immediately check and contact the KR's Branch for inspection and approval of equipment and materials.

Main Menu



My Inspection

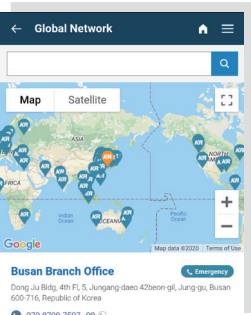
You can apply for a single item of equipment and materials. You can check the progress of the inspection/approval application of the equipment and download electronic certificates. You can also view all certificates held by the equipment manufacturer and check the expiration of the annual and renewal periods.



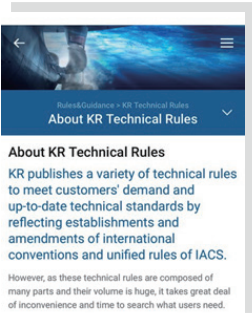
Key Service Info

The application methods and standards for approval and inspection, as well as the list of approved products and approval testing agencies, and the list of approved government-type vessels, marine pollution prevention facilities, and hazardous materials, are provided. You can also view the list of authorized professional suppliers and view the information related to CE marking certification and third-party inspection.

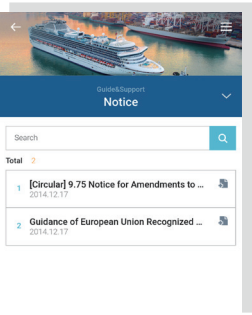
Other functions



Global Network

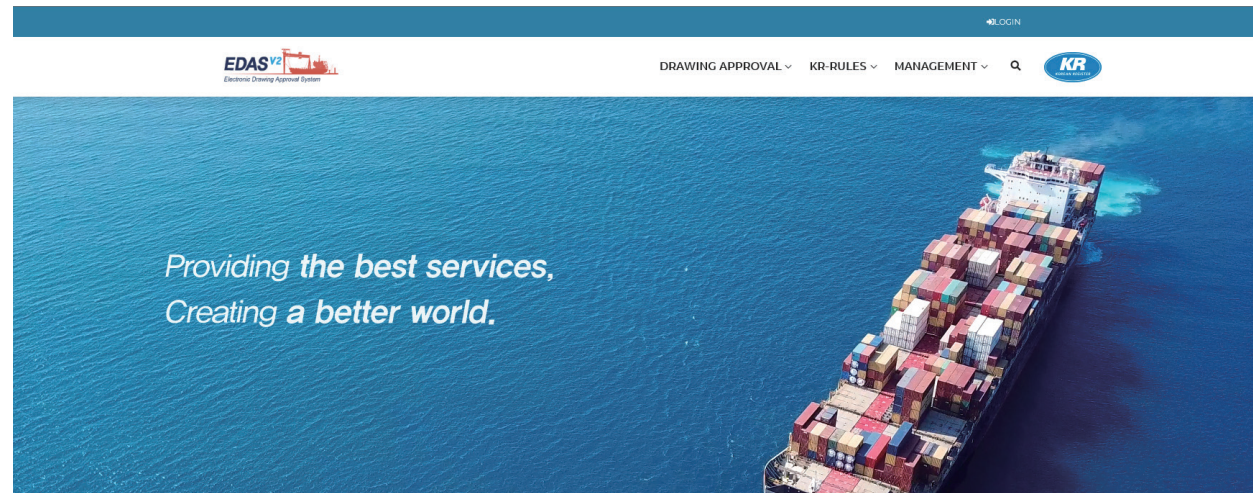


Rules & Guidance



Guide & Support

Overview of KR EDAS V2

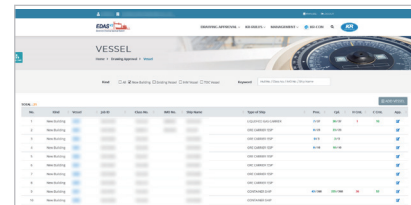


KR EDAS V2 provides online drawing approval for ships and equipment drawings to reduce the time and cost of post for drawing approval requests, and has enhanced functions such as Revision Management and Comment Reply to maximize customer convenience.

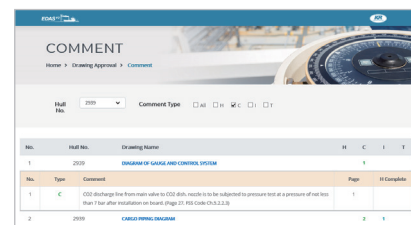
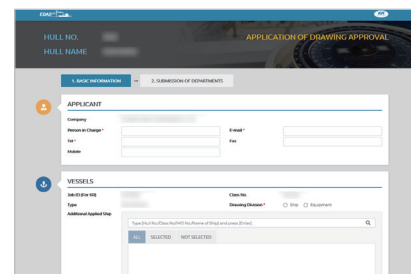
In addition, KR EDAS V2 reveals the drawing approval process transparently so that customers can see the drawing approval status overall, so as to ensure the reliability of classification work and contribute to the management of the customer's schedule.

Special Features

1) You can check the status of all drawings (during construction/after construction/ conversion of existing vessel/IHM, etc.) and the approval and comments status approved by Korean Register through the dashboard, and drawing approval details are provided for each vessel.

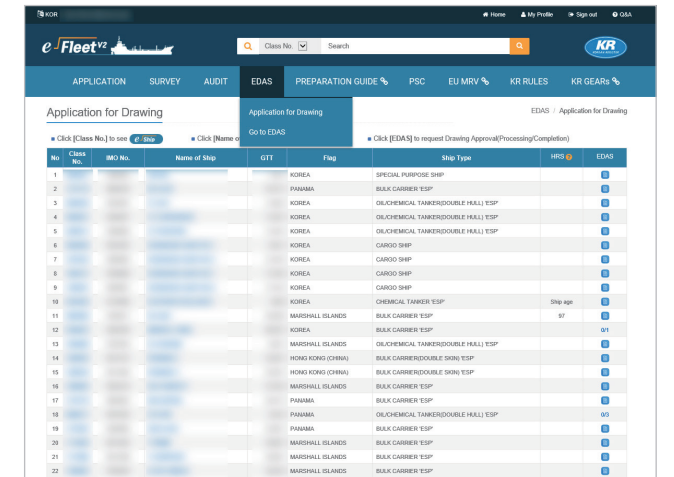


2) The time and costs of processing drawing approval in the form of electronic file (PDF) online, compared to the off-line process, have been greatly reduced. And customers can easily check and store the drawings approved by the Society. In addition, the approved drawings are supplied with security certificates to prevent forgery and alteration. And the comments related to the approval of drawings are managed online so that they can be efficiently used for class inspection and customer's work in the shipyard, by owners, ship designers, and makers.



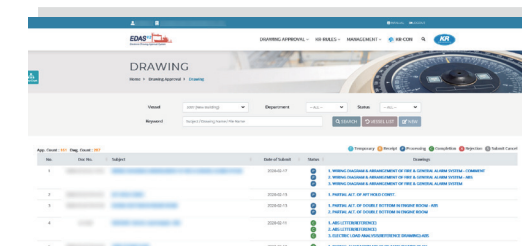
3) The electronic drawing approval system has been developed with the highest priority given to the customer's convenience, in relation to drawing approval. This provides a customized service to the customer.

- Shipyard / Ship designer: New drawing approval system is provided to increase customer efficiency by processing electronic documentation beside existing hard copy drawing approval process.
- Owner: Through e-Fleet, owner uses the Electronic Drawing Approval System (EDAS V2) to manage the drawing approval for each ship, enabling more efficient fleet operation.
- Equipment Maker: Equipment inspection can be applied for, after completing the approval of drawing by using the Electronic Drawing Approval System(EDAS V2) through e-MESIS (Integrated Equipment Portal). Items related to inspection can be applied for and managed online.



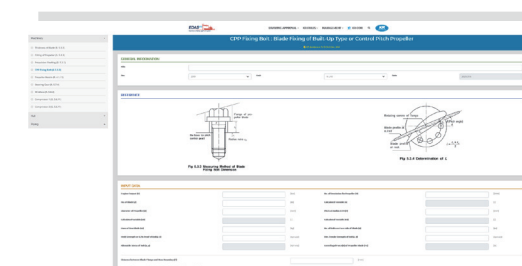
Main Menu

Drawing Approval



Status of drawing approval and comments can be checked in the progress of the drawing approval of the vessel, by providing a customized vessel list for each customer. The progress of each drawing can be checked in real time and the surveyor information relating to drawing approval can be searched. After the approval of the drawings, drawings can be submitted in reply format so that revision drawings can be easily managed.

KR Rules & Rule-Calculator



Our classification rules are provided online to customers who use the EDAS V2. In addition, when using the calculation function (Rule-Calculator) required for drawing approval, the strength calculation according to relevant regulations can be easily submitted.