

MIURA CO.,LTD.

Tokyo Head Office, 2-15-35 Takanawa, Minato-ku, Tokyo 108-0074, Japan

Matsuyama Head Office, 7 Horie, Matsuyama, Ehime 799-2696, Japan

URL: <https://www.miuraz.co.jp>

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Received the Innovation Endorsement from Nippon Kaiji Kyokai for the “i-MITEC” Ship IoT Application

Industrial boiler manufacturer MIURA CO.,LTD. (Tokyo Head Office: Minato-ku, Tokyo; President and CEO: Tsuyoshi Yoneda; hereinafter referred to as “MIURA”) has received the Innovation Endorsement* for innovative initiatives from Nippon Kaiji Kyokai (ClassNK) for its “i-MITEC” Ship IoT Application (hereinafter referred to as “i-MITEC”).



i-MITEC[®]

Based on Nippon Kaiji Kyokai’s third-party endorsement, evaluation, and rating, the Innovation Endorsement is an initiative to provide a certification body aimed at new value creation. “i-MITEC” was endorsed in the “Products & Solutions” category, which applies to items such as equipment and software that possess innovative functions.

* For details on the Innovation Endorsement, please refer to the Nihon Kaiji Kyokai website below.

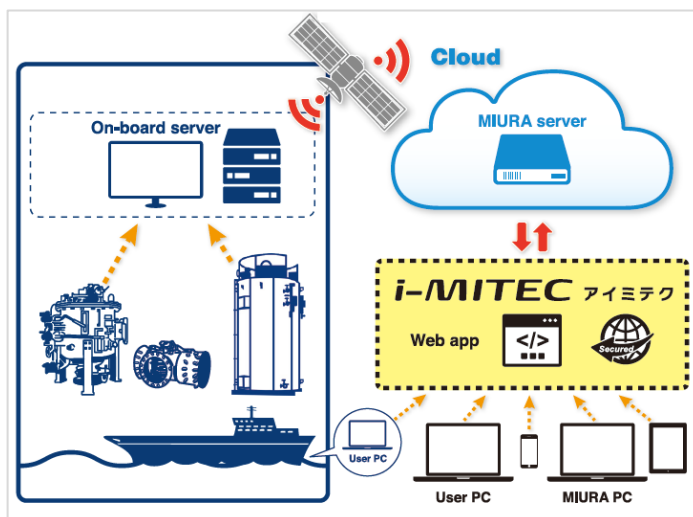
<https://www.classnk.or.jp/hp/ja/activities/techservices/dgd2030/iea/index.html>

“i-MITEC” has been available for purchase since September 2023.

https://www.miuraz.co.jp/product/marine/i_mitec.html

“i-MITEC” Overview

“i-MITEC” uses a cloud-based environment to provide a range of services, collecting and storing operation data from equipment such as marine auxiliary boilers and ballast water management systems that are fitted with communication functionality. The stored data can be used in combination with analysis by MIURA field engineers to provide suggestions for effective operational methods that prevent trouble and save fuel, improving the safety and economy of our customers’ equipment.

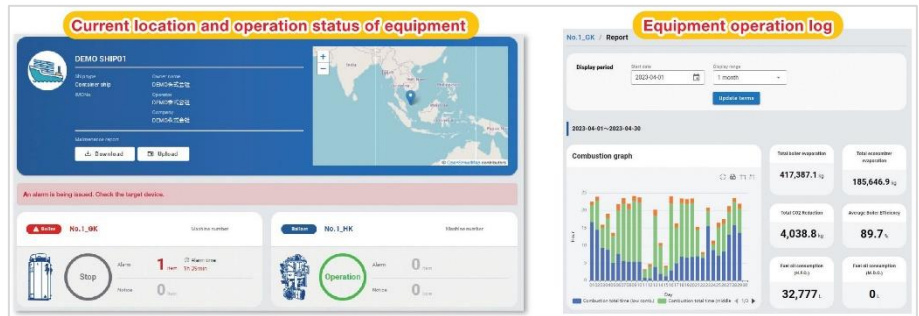


▲ Illustration of the “i-MITEC” marine IoT application

“i-MITEC” Features

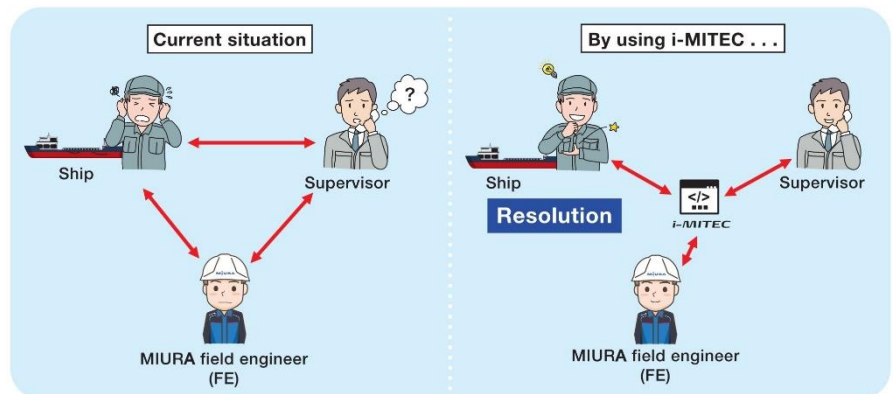
1. Status monitoring function

The status of equipment can be checked between the crew on board the ship, managing supervisors, and MIURA field engineers. This helps to prevent malfunctions and ensure that equipment is maintained in good working condition.



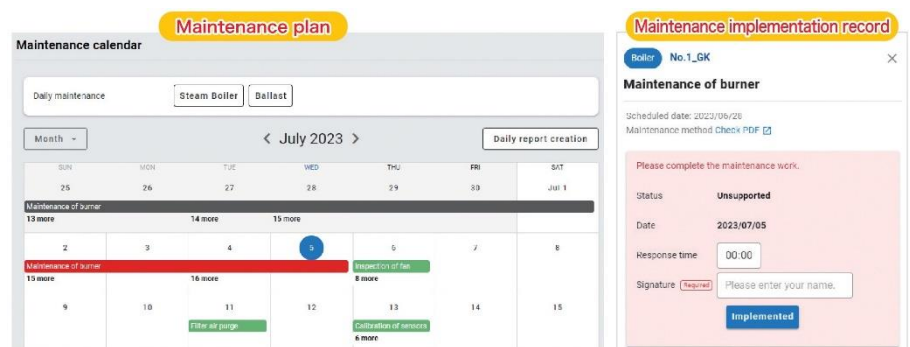
2. Prompt support for troubleshooting

Logging of equipment and vessel statuses is carried out over set periods. The alarm history screen allows easy identification of causes in the event of trouble. In addition, a comprehensive, easily accessible troubleshooting manual is also provided.



3. Performance of planned maintenance

The maintenance calendar allows appropriate maintenance to be managed and performed in accordance with maintenance plans recommended by MIURA. Maintenance records allow for confirmation that equipment is kept in good condition.



Going forward, we will seek out the opinions of our customers as we offer sequential updates to improve the application.

Models Suitable for “i-MITEC”

Composite boiler: GK	Auxiliary boilers: HB/VWH
Thermal oil heater: HTB	Ballast water management system: HK

▼ Inquiries
 Ship Machinery Sales Division, MIURA CO.,LTD.
 Tel: +81-89-979-7060/Fax: +81-89-979-7082
 Email:hakuyo_eka@miuraz.co.jp