REEFER
RUNNER
IDENTEC SOLUTIONS

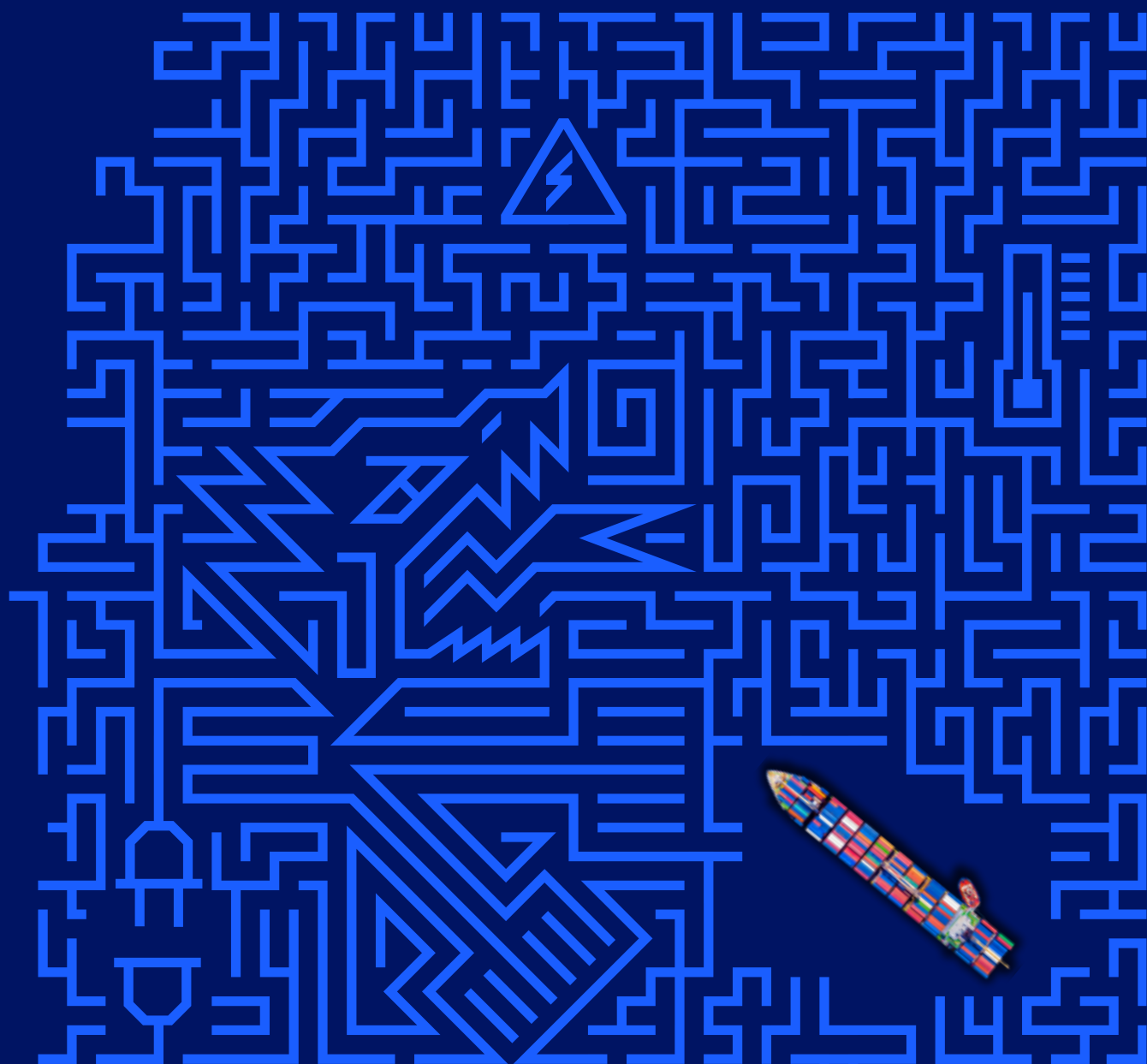# REEFER RUNNER VESSEL
BEYOND BASIC MONITORING

REEFER RUNNER is a simple, scalable monitoring and management system tailor-made for container vessels. Built to integrate into your IT landscape, Reefer Runner will become a core part of your operations.

Reefer monitoring tailor made for shipping lines
From fruit to fish, meat to medicine, poultry to other produce – more refrigerated containers are being transported around the world than ever before.

For a vessel's crew, carriage of reefers increases their workload significantly due to time consuming manual monitoring. Reefer Runner Vessel is a remote monitoring and control system, covering all aspects of reefer management on container vessels. This system remarkably reduces the workload for crews and minimizes the need for manual observations of temperatures and other data.

The solution consists of intelligent monitoring devices that wirelessly communicate to fixed readers, located on specific container bays. These readers process and distribute information to a computer at the deck office and potentially to an onshore location through satellite or cellular communication.
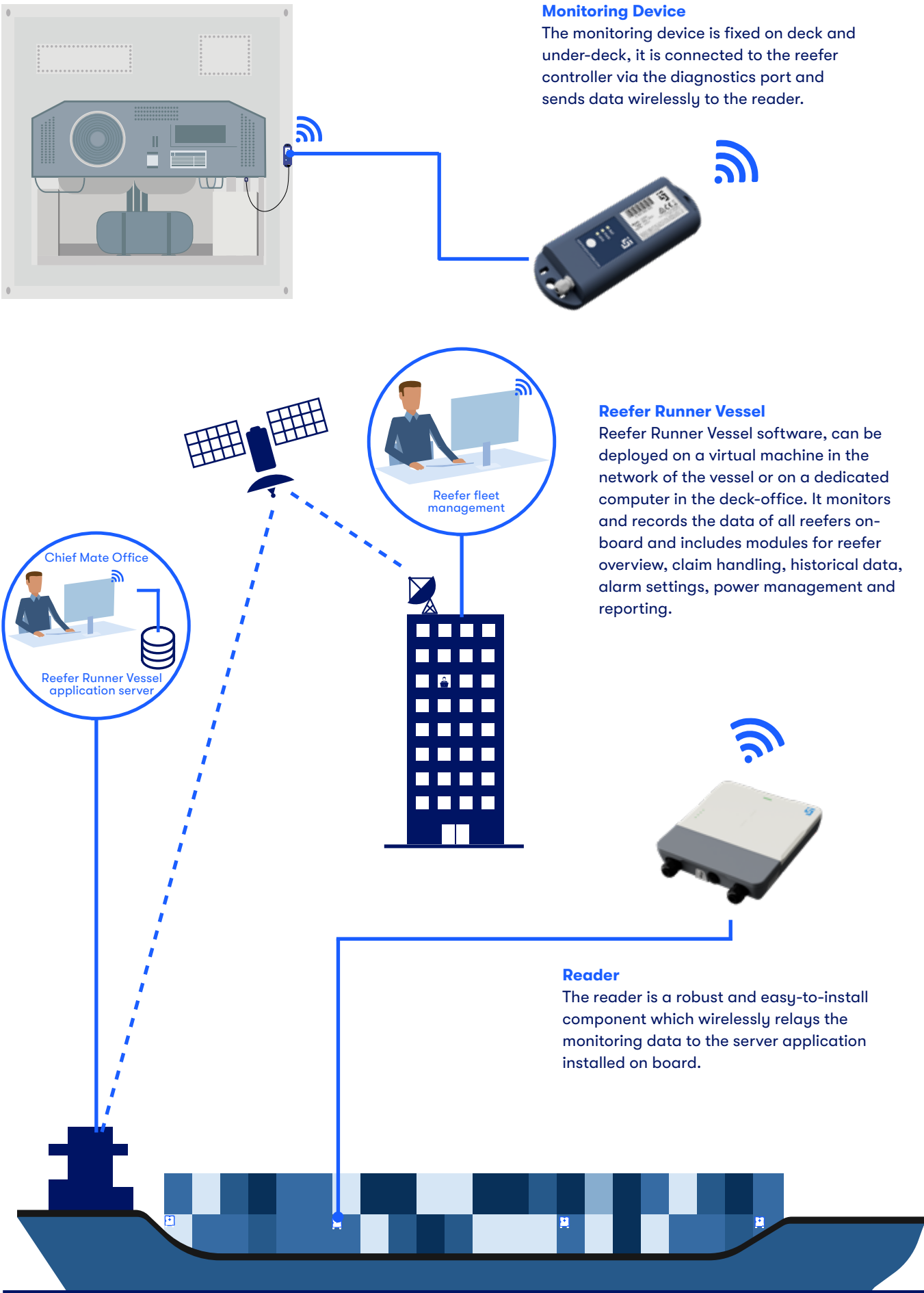
Visibility and control at your fingertips.
Reefer Runner Vessel is designed to provide crews with direct control over all reefers on-board, independent of their brand, type or even if they are third party reefers. Furthermore, the software of Reefer Runner Vessel provides energy monitoring and alarm handling; furthermore, the set points and other settings of the reefer container can be changed remotely during the voyage based on two-way communication.

A software API allows data export to be sent to other software systems, as well as onshore. This increases data transparency and adds additional value for cargo owners. The system is fully operational irrespective whether the vessel is at sea, in coastal waters or in port.

KEY BENEFITS

- Minimizing the need for manual monitoring
- Increasing service quality through short monitoring intervals
- Monitoring guaranteed in any circumstance
- Online visibility of all data for faster and more accurate decision making
- Reducing cargo claims
- Automated and documented transfer of responsibility at handover points
- Alarm handling
- Energy monitoring for each container without the need for power meters
- Wireless connection and communication
- Data integration into 3rd - party applications onshore
- Low maintenance
- Simple on-board installation
- Flexible mobile solution for charter vessels

Monitoring Device
The monitoring device is fixed on deck and under-deck, it is connected to the reefer controller via the diagnostics port and sends data wirelessly to the reader.

Reefer Runner Vessel
Reefer Runner Vessel software, can be deployed on a virtual machine in the network of the vessel or on a dedicated computer in the deck-office. It monitors and records the data of all reefers on-board and includes modules for reefer overview, claim handling, historical data, alarm settings, power management and reporting.

Reefer fleet management

Chief Mate Office

Reefer Runner Vessel application server

Reader
The reader is a robust and easy-to-install component which wirelessly relays the monitoring data to the server application installed on board.

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"Without Reefer Runner, it would have been not possible to increase the reefer capacity of our barge. The system is perfect for us"

- Daniel Grinwis - Dancha Riverline

ABOUT IDENTEC SOLUTIONS

Among the potentially dizzying array of change and challenge it's reassuring to know that there are easy-to-use, robust products that are accessible everywhere, providing a common platform based on industry standards and driven by a detailed understanding of markets and customer needs.

That's what we've been creating at Identec Solutions for over 20 years.
If you'd like to know more about our technical expertise, in-depth application of know-how and long standing experience, call us now on +(43) 5577 87387-0 or visit identecsolutions.com

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