

REFCON 6

The safest way to transport refrigerated cargo

Intelligent, reliable and innovative

REFCON 6 is designed for trouble-free and transparent reefer monitoring. Running on a .NET platform compatible with Microsoft Windows operating systems, REFCON 6 offers easy installation on standard computers as well as superior system reliability.

Designed for and by you

With REFCON 6, the information you need is never more than a few clicks away. The user interface is developed in close cooperation with our customers' superusers to ensure that the design resembles the user's normal workflow, and makes interaction as simple and efficient as possible. The performance bar helps you perform your job even smarter, emphasizing tasks and containers that need your attention. Customized lists and views can easily be created to match the individual user's exact needs.

Total system integration

All our reefer solutions: ISO 1036 compatible and wireless devices, local and enterprise monitoring systems and special applications are designed to work flawlessly with one another. Day and night they store, exchange and analyze data for the benefit of your operations. REFCON 6 interfaces with vessel planning systems, terminal operating systems and even your own applications through secure API's

REFCON 6 Reefer Monitoring System



*"Cargo damage due to wrong temperature set point has been reduced by 95% after utilization of REFCON."
"Claims have been reduced by 70% with the ProAct™ Transports quick information function"*

European Shipping Line

REFCON enabled us to continue with the same staff levels despite 20% more live reefer yard storage, preventing the employment of a further 6 technicians to service the additional 1000 reefer plugs 24/7".

Terminal Manager, large Asian Terminal



REFCON 6 packed with features

System foundation

- Integration with REFCON Wireless Hub
- Full ISO10368 support
- Extended support for Thermo King, Carrier, Daikin, and Star Cool reefer containers
- Compatible with multiple Microsoft Windows operating systems (.NET)
- Multiple REFCON monitors with Microsoft ClickOnce Deployment installation
- Operation protection by password authentication
- Extended Data Interchange (EDI) with vessel planning system (Baplie, Loadstar, Seacos, etc. formats)
- Interface to terminal operating systems (support for Navis, Jade, Cosmos and in house developed systems)
- Multiple master systems to secure redundancy and support of unlimited number of containers monitored simultaneously
- Custom configurable lists and filters
- Context sensitive online user manual

Basic modules

- Performance bar highlighting container monitoring performance
- Alarm lists with manufacturer specific alarm codes and clear alarm text
- Event lists with change-control trail and advanced filters
- Container lists with configurable readings such as temperature set point, return, supply, humidity, USDA cargo sensors
- Container details including hourly log of historical readings for each individual container
- Graphical overview of historical logs
- Automatic or configurable container plan with graphical overview of reefer containers
- Remote operations: change container ID, change set point and start manual defrost
- Print and export of all lists (csv, pdf or email)
- Set user generated alarm and highlight specific containers, i.e. high value cargo

Optional modules

- Alarm notification via digital outputs (interface to external systems)
- Master clock interface (time zone control via ship's master clock)
- REFCON Data Collector+ (RDC+) for monitoring and documenting containers non-compliant with ISO10368
- Handheld LogMan for retrieval of data recorder logs, firmware upload and settings of reefer container controllers
- REFCON data service: generic data exchange interface to third-party systems
- Email routing of system or container alarms
- Interface to ProAct™ remote management*
- Online system performance analyzer*
- Notification of malfunctions: defective modem, outdated controller firmware, incorrect container ID or controller time*
- Automatic software updates* (one year free software update included)
- Infrastructure/Sources + REFCON to ProAct™

Compatible and up-to-date software

REFCON 6 is compatible with all reefer manufacturers' control equipment – and, naturally, we are always up-to-date with their latest software.

The reefer container market is ever dynamic. At present REFCON 6 supports:

THERMO KING



CARRIER



DAIKIN



STAR COOL



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