# Smart Monitoring and Management Services

*Actionable insights for an efficient cold chain.*



## Applications

- Data-driven cloud applications and monitoring solutions for refrigerated containers through the supply chain, from global fleet level to an individual container by container basis.
- Cloud applications with global communication coverage to ensure that all relevant reefer data is reliably transmitted, received, and made available to authorized users.
- Hourly data readings available for all containers equipped with IOT modems.
- Safe and effective OTA (Over-the-Air) software updates ensure global fleets are maintained and supported in the field.
- Copeland's API services simplify bi-directional integration in the cloud, ensuring an easy and seamless communication path to customer and 3rd party systems.

## Base package

- Enterprise-level applications for data access on individual reefer containers and entire fleet.
- 1:1 access to reefers for further manual analysis of data.
- Graphical representation of temperature data.
- Historical data of all telematics data – including backfilling.
- Remote retrieval of full controller data logs
- Setpoint change via remote commands.

## Infrastructure and data hosting

- GDPR compliant
- Build, manage and monitor all services within our cloud application.
- Data hosting, maintenance and secure cloud back up.
- Secure and reliable infrastructure through our implemented security policies.
- Global roaming coverage of secure two-way data network based on AT&T M2M partner network.
- Connectivity in more than 170 countries.

> **Contact:**
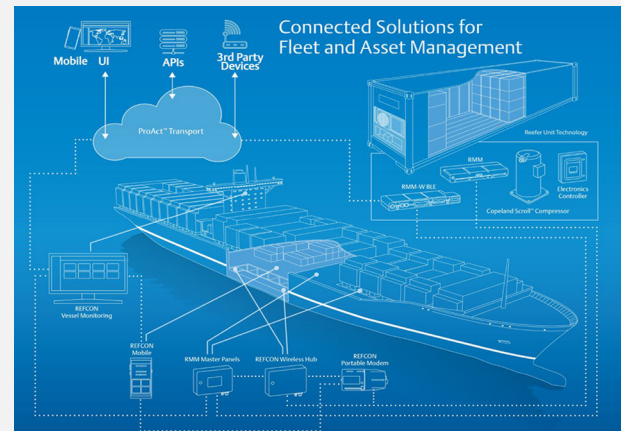> Email: coldchain.technicalservices@copeland.com

## RMM-W

- Real-time monitoring, tracking and control – anytime, anywhere.
- Global communication via cellular services
- Devices can also receive commands, allowing users the ability to manage various reefer functions remotely, such as changing set points and initiating defrost.
- Able to exact download logs from a reefer remotely.

## REFCON6

- ISO10368 monitoring infrastructure for vessels and terminals
- Enables data transfer to digital marine applications when container is at sea
- REFCON Portable Modem connects easily to all standard container controllers
- Interfaces with vessel planning systems, terminal operating systems and customer applications through secure API's

# COPELAND