

# REFCON Mobile

## Manual and walk-by reefer monitoring

As an extension to the REFCON eco-system, the REFCON Mobile App is a monitoring Android app that enables the user to collect reefer data through automated walk-by collection or manual typing. REFCON Mobile improves the safety conditions and efficiency of the technicians in charge of monitoring the reefer equipment: using Bluetooth® communication, the technicians can safely collect data avoiding the need to climb up stacks and easily monitoring multiple reefers at a time.

REFCON Mobile is installed on a handheld device and set up to be synchronized with a REFCON system. Using planning information (from TOS or Baplie) from the REFCON system, the App shows all reefers on the site (terminal or vessel) and their communication status, divided into bay or stack plans with the specific position of each reefer. Relevant reefer monitoring information will be transferred including container ID, location on site and expected temperature setpoints.

To monitor the reefers, the technician will be equipped with the App during their normal walk-by route.

Depending on the set up for the site, there are two options to collect data with REFCON Mobile:

### Walk-by data collection

REFCON Mobile will scan the area for REFCON Bluetooth® compatible and secured/authorized devices such as REFCON Portable modems or RMM-W modems. The authorized modems will send the latest available information from the reefer to REFCON Mobile. REFCON Mobile can collect data from dozens of containers within minutes. The display will inform the user about the progress, showing status by bay/stack: alarm details are available to facilitate immediate intervention, if needed.



### Manual data collection

Digitalize the task of collecting data from non-communicating containers: a list of all non-communicating containers from the REFCON system is transferred to the App. Upon identifying a non-communicating container, the user can enter relevant details directly into the App. Once monitoring is complete, the user may go back to the REFCON system and load the entered data into the system using a USB cable connection. All the actualized container data are now available in the REFCON system and saved as digital records. Manual data collection can be used together with Walk-by solution in case reefers are not equipped with any compatible modem.

	REFCON Mobile, Manual	REFCON Mobile, Walk-by
 User friendly design and configuration	✓	✓
 Support for all major reefer brands	✓	✓
 Bay/stack plan list view	✓	✓
 Full alarm details and text available		✓
 Collect from multiple reefers at once		✓
 Tracking of data collection completion status	✓	✓



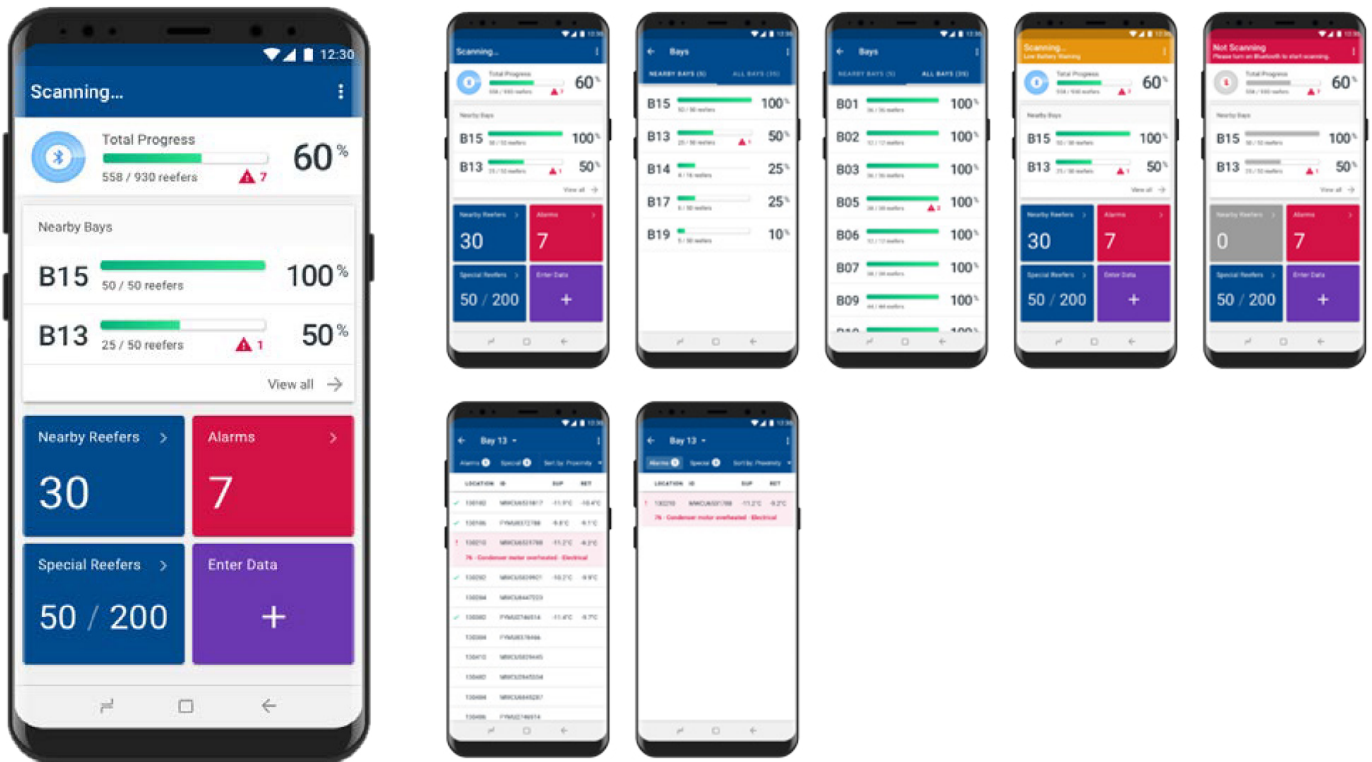
## REFCON Mobile

### Device requirements supported

- Recommended: CAT S62
- Android 10 or newer
- Bluetooth® 5 or newer

### Supported MODEMS

- REFCON Portable Modem
- RMM-W Modem



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