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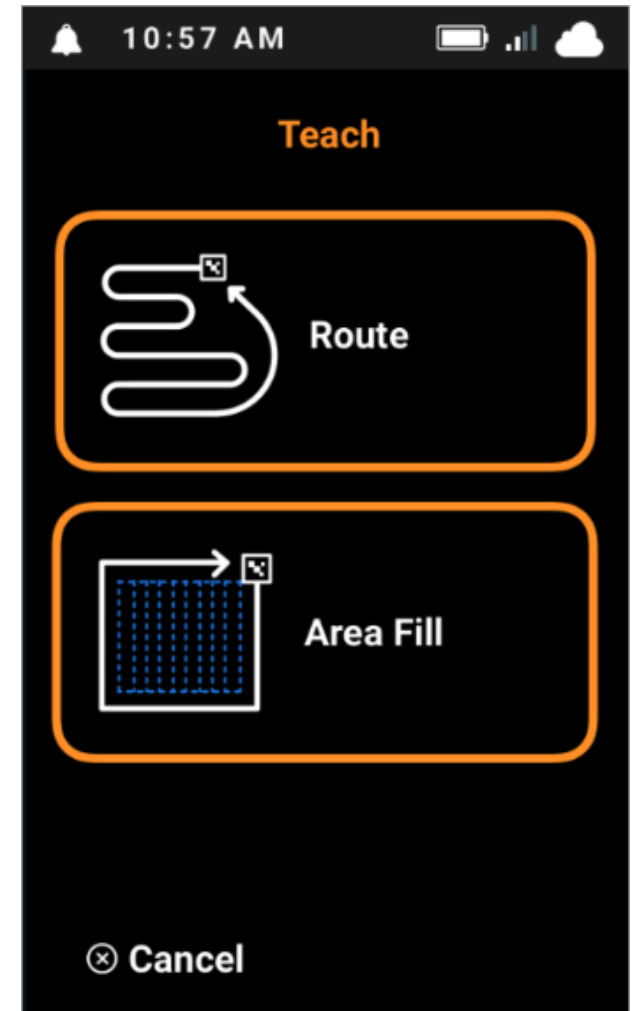
Tennant AMR Software 3.2 Update

3.2. Release Highlights

- Area Fill Route Training

- Route Label Keyboard

- Battery Maintenance Reminder for flooded lead acid batteries

- UI Controlled Beeping

- Tap to Unlock

- Joyride Mitigation - End of Route

- T16AMR Enhancements
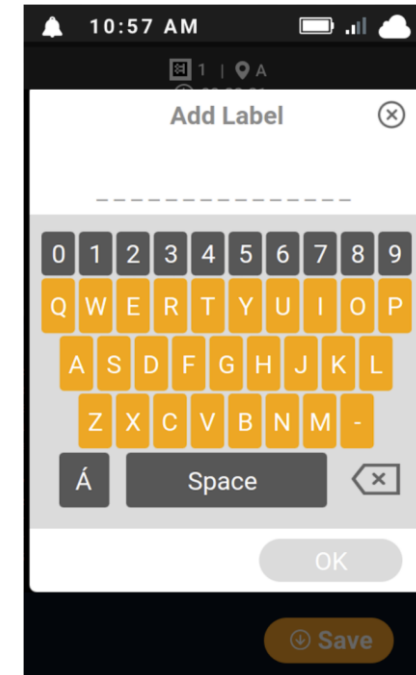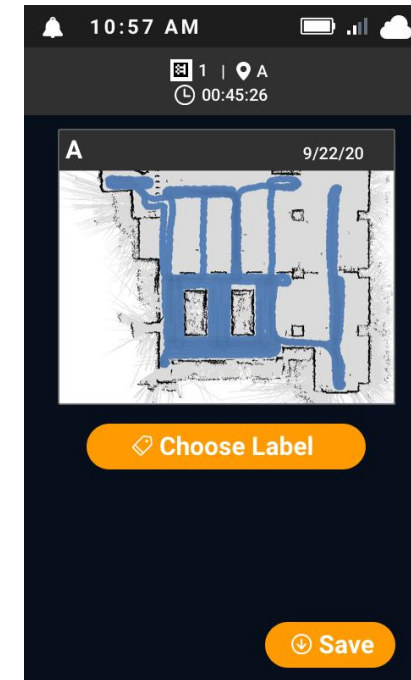
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Area Fill

- A new way to teach the machine where you want it to clean.

- Drive the machine around the perimeter of a space, and the machine will fill it in on its own.

- Suited for larger, wide-open spaces. NOT available in retail store settings.

- Can be paired with other routes using the consecutive route workflow.

- Key Benefit: Shortens route training time in most cases
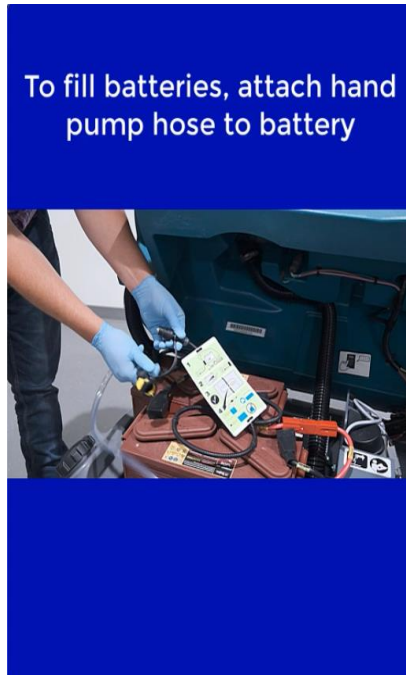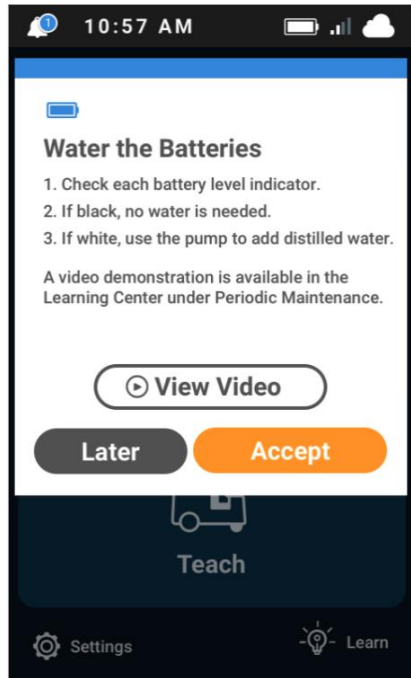

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Route Label Keyboard

- Rather than select from a generic list of pre-set labels, operator will now be able to type in their own using a QWERTY keyboard for alphanumeric languages.

- There is a 15 character limit.

- Labels can be added after saving a new route.

- To edit labels of existing routes, go to 'Settings' → 'Routes' → 'Home Marker #' → then choose your route to edit.
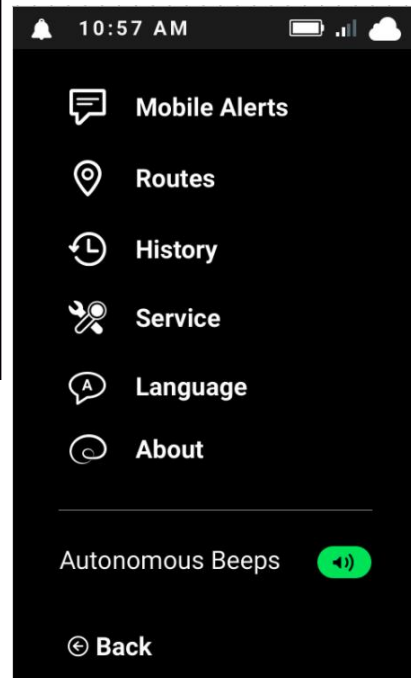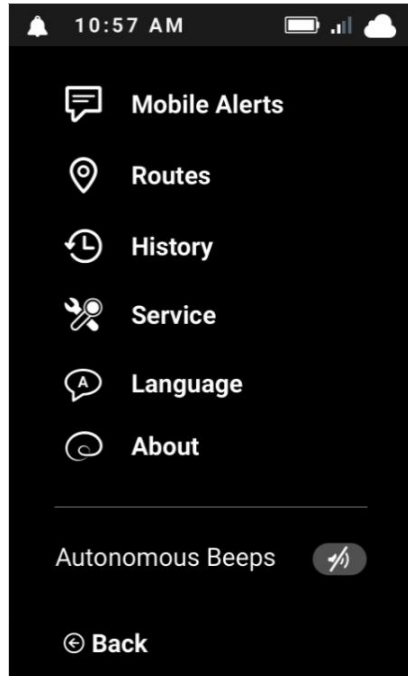
Battery Maintenance Reminder

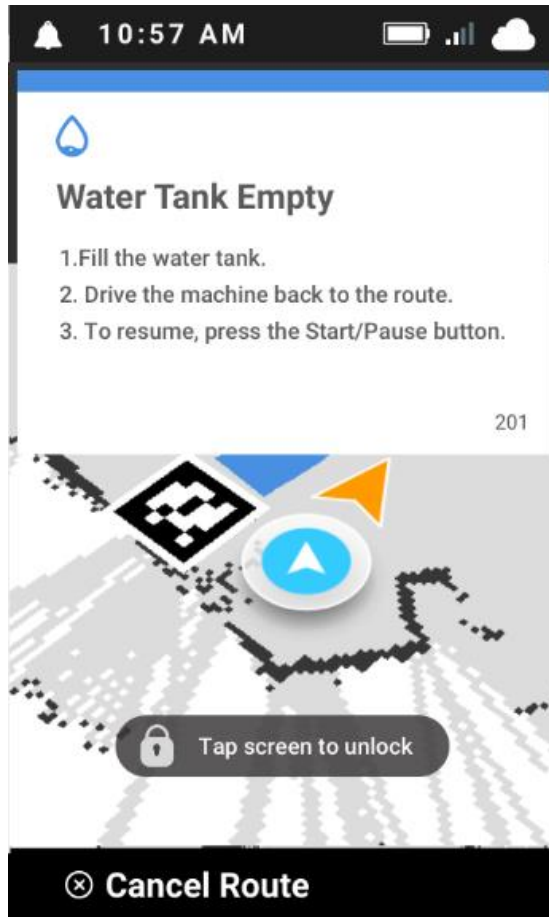To fill batteries, attach hand pump hose to battery

- For machines with Flooded Lead Acid batteries that require regular maintenance, the UI will now notify the operator once a week to check the batteries for maintenance.

- If there is a training video available, the notification will link directly to the video.

- Machines with Lithium or AGM batteries will not see this notification.

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Configurable Beeping

- Currently, machines only beep when entering and exiting autonomy.

- With 3.2, operators will be able to go into 'Settings' and enable additional beeping.

- When enabled, the machine will beep 2 times every 5 seconds.

- Off by default.

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"Tap To Unlock"

- Currently, the machine will display a PIN screen once it enters autonomy.

- Even when it is paused by an operator or enters assist mode due to an empty water tank, the UI only shows a PIN screen. No valuable information or an indication that the machine is in a different state.

- In 3.2, the PIN screen is minimized so actionable information can be surfaced to the operator and to any bystanders without requiring additional steps.

- If someone attempts to use the UI at this time, the PIN screen would be prompted.

- The UI is still locked from a functional standpoint.

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Joyride Mitigation: End of Route (Level 1)

- After completing a route or a series of consecutive routes, the machine will return to the Home Marker and wait for further action from the operator.

- In 3.2, the machine will enter a manual lockout at the Home Marker.

- Once the PIN is entered, manual operation of the machine will be restored

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T16AMR Specific

Learning Center

- T16AMR specific are now available in the Learning Center.

- The videos are textless, which enables them to be reused and available for all languages in the UI.

Side Safety Improvements

- Improved capability to classify assists.

- New error titles differentiate between assists caused by the left, right, or front safety system.

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