



Tennant AMR Software 3.9 Update

3.9 Clean App Overview

- **New Features**

- No-PIN Workflow & Access Control
- Language Preference Accessibility

- **Improvements**

- Side Sensors - Better Detection, Less Assists
- Operations Speed and Reporting

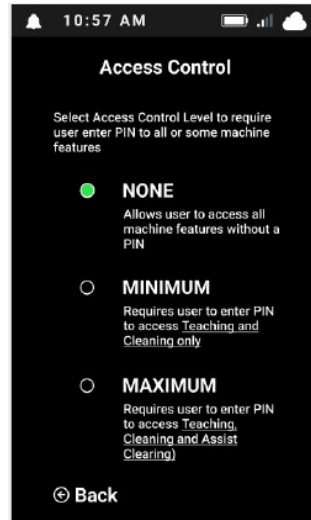
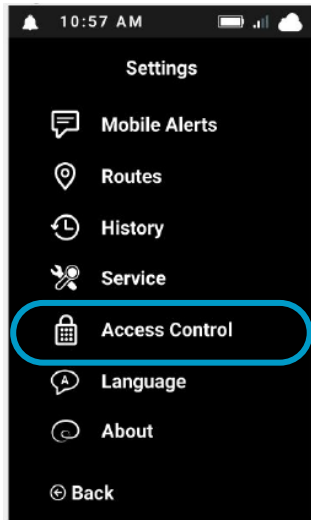


No-PIN Workflow & Access Control

- The new Access Control option, **None**, allows operators to use the machines **without** the PIN for key operational tasks such as **Teaching**, **Autonomous Cleaning**, and **Clearing Assists**
- Customer benefit:** a barrier to usage is removed
- Most machines will be set to Access Control Level: None at launch (except for machines already set to the previous Joyride Prevention Level 2)



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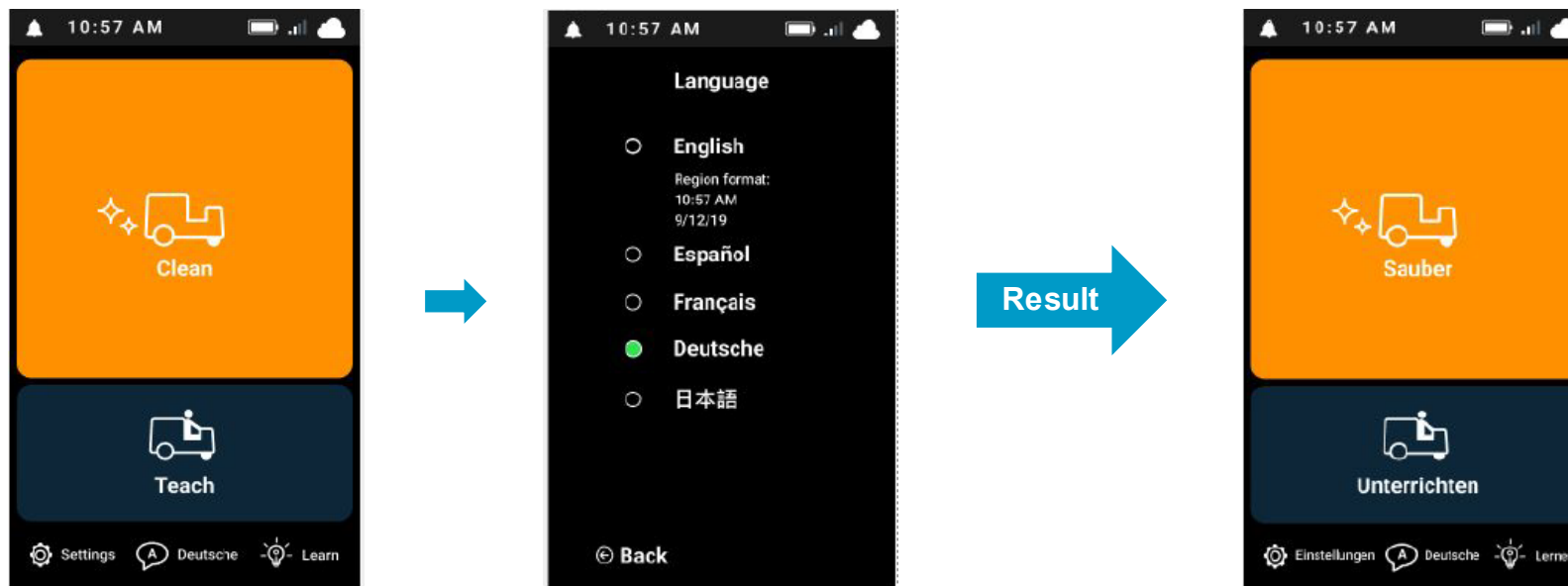
ACCESS CONTROL (prev. Joyride Prevention)	NONE	MINIMUM (prev. Level 1)	MAXIMUM (prev. Level 2)
Teaching			
Auto. Cleaning			
Assist Clearing	*	*	
Settings			

* Footprint violation assists (code 217, 250, 251) still require PIN Code to clear, in compliance with CSA/ANSI



Language Preference Accessibility

- Setting the language on the UI has never been easier! Now, the language setting is accessible from **the main screen**; the user will no longer have to navigate through the system settings in order to select their preferred language.
- **Customer benefit:** multilingual users or non-English speakers can operate the machines with the language they are most comfortable with.



Animated button, with languages rotating

Side Sensors - Better Detection, Less Assists

- Better **dust and reflective surface detection** means less assists for customers to clear.
- **Customer benefit:** Our previous detection from side sensors sometimes misconstrued dust and reflective surface as obstacles. This will be less likely to happen with our new and improved detection mechanism.



Improved Operations Speed and Reporting

- Report Kinetek version to the cloud
 - Used for monitoring machines and reporting.
- Bootup Speed Improvements
 - Loading time reduced by 8%
 - Spend less time waiting for the screen at bootup
- Health monitoring improvements
 - Side sensor calibration is accounted for in health reporting

