

# Radar Master App

- Ensure measurement and configuration accuracy of Rosemount radar level transmitters
- Improve efficiency and safety with a tool designed for field use
- Easily verify configuration with dynamic graphics



*Configure radar devices with a tool built for field use – making the task safer and more efficient.*

## Introduction

The Radar Master app allows you to bring the functionality of Radar Master software to the field. Designed for use on the rugged, intrinsically-safe AMS Trex, the Radar Master app improves efficiency for field technicians, protects the safety of your personnel and assets, and enables accurate configurations at the tank. Easily connect data from the field with the PC-version of Radar Master.

The Auto Sync technology in AMS Trex helps maintain data integrity in your AMS Device Manager database without any technician intervention. Every change made in the field is automatically recorded and time-stamped.

Changes are updated in real-time if WiFi connection is enabled and a technician is in a hot spot. Or changes are cached on AMS Trex and applied to the database when the communicator detects a WiFi signal or USB cable connection.

## Easier Configuration

Using the Radar Master app, you can create the geometric profile directly at the tank. Dynamic graphics help ensure that you are configuring the tank with the correct settings.

Using the power the loop functionality in AMS Trex, you can power your radar device in the field – even before wires are run. This enables you to complete installation and configuration early, even when the tank is empty.



*More accurately tune radar measurements with enhanced echo curves.*

**Ensure Accurate Measurement**

With enhanced echo curves in the Radar Master app, you can more accurately tune your measurement settings. Tune out protrusions in the tank to prevent false echoes and ensure accurate measurements.

Enhanced echo curves provide insight into unexpected and intermittent measurement behaviors, enabling better understanding of issues.

**Improve Troubleshooting**

With the historian, easily track, view, and trend tank level and alert information to identify issues and aid troubleshooting. You can also view snapshots of past echo curves in a level trend timeline for comparison. Easily export and playback echo curves on the PC-version of Radar Master for a more in-depth look at data.



*View geometric profiles of your tank to ensure configuration accuracy.*

**Improve Safety with a Tool Built for the Field**

The AMS Trex Device Communicator delivers a modern user experience in a rugged, intrinsically safe package, providing the experience of consumer devices in a tool built to withstand harsh industrial environments.

This rugged device is easy to hold, yet designed to take the bumps and drops that come from normal use in the plant. The Trex unit is protected against moisture and extreme temperatures, so you can work regardless of environmental conditions. The outer shell meets Intrinsic Safety standards, limiting the buildup of static electrical energy.

The compact design, carrying case, and magnetic hanger make it the ideal tool for working in the small space and often hazardous environment of a tank. One-handed operation, NFC-enabled user security, and intrinsic safety ratings enable technicians to work safely and effectively in these difficult areas.

## Compatibility Chart

Supported Device Types	Enhanced Dashboard	Enhanced Echo Tuning
5408	X	X
5300	X	
5400	X	
3308	X	
3300	X	
5600	X	
Tri-loop		
THUM Adapter		

## Ordering Information

Description	Part Number
Radar Master App	TREX-APRM-PE01

Notes: 1) You must include the corresponding AMS Trex unit serial number(s) at time of order.

2) Once purchased, you can download the app from Upgrade Studio.

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