

FOR IMMEDIATE RELEASE

## Maxi-Tronic, Inc. Introduces RadarMax™, an Affordable Wireless Continuous Level Monitor System with Optional Solar Power



Loveland, OH - RadarMax™ is an advanced, non-contact, high-precision radar level sensor. It is ideal for continuous level sensing of granular, powder and liquid product in round, square and interstice bins, silos and tanks with hopper or flat bottom.

Applicable industries are Grain Storage and Processing, Feed Mills, Cement and Aggregates, Plastics, Processed Wood and others. RadarMax is immune to dust and high temperatures, and utilizes an optimized 60 Ghz and narrow 6° radar beam. Installation is fast and easy on flat and sloped roofs.

Designed for accurate measurement and an extremely fast refresh rate, it is ideal for continuous product level monitoring. RadarMax measures grain depths up to 100' [30 m] to an accuracy of 1 inch [2.5 cm], and requires only a 2.5 inch [6.4 cm] diameter hole and four screws for installation. The unit is contained in a 5" x 5" x 3.6" [12.4 x 12.4 x 9.1 cm] PC/PBT housing. A hinged mounting plate is included for easy inspection. The enclosure is "Dust-Tight" for Class II, Div. 2 hazardous locations and UL Rated NEMA 3S, 4X, 12, 13 and IP-68.

RadarTrack software graphically displays filling and emptying, storage filled depth, bushels or tons, time until full and time until empty, based on current rate of fill or discharge. The software also provides automatic alerts via text message or email, and will activate relay controls. Alert setpoints are user programmable and Safe-Grain's relay controls may be used to activate alarms and material handling equipment. Remote viewing is available on Android, iOS, and web browsers and no cloud subscription is needed, according to Jack Luers, Senior Product Engineer. No cloud subscription is needed.

RadarMax may be directly integrated to a PLC over RS-485 Modbus ASCII/RTU. RadarMax supports both wireless and hardwired communication to a PC, a PLC, and/or a Remote Display panel meter. RadarMax may be line powered or solar-powered with SolarMax™ for true wireless operation.

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