

# Checks All the Boxes for T3RRA Terrain Management Software



**PX501**  
Fully Rugged Tablet

**T3RRA** 



## AT A GLANCE

Rooted in agriculture, T3RRA (yes, that is the correct spelling; it's 'leetspeak', where the number 3 takes the place of the letter 'e' in forming the word terra, Latin for land) is an innovative, proactive company that develops easy-to-use, powerful software. Its ground-breaking solutions help farmers and contractors optimize land leveling, ditching, terrace, contour bank, and levee applications. Founded by five partners, who have 125 years of AgTech experience between them, the company is dedicated to meeting the needs for land forming across the globe. Its software is specifically designed to integrate with high-end John Deere farming equipment. Its customers are farming operations of all sizes as well as contractors.



## CHALLENGE

T3RRA had been looking for a rugged tablet manufacturer that they could partner with in providing a total software-digital system compatible with the state-of-the-art John Deere technology and equipment their customers used. The tablets on the market had most of the tools and features needed but T3RRA wanted more! They wanted an extremely rugged solution with a serial port capable of handling the fast communication being sent and received by their software.





## SOLUTION

Then it discovered the RuggON PX50110.1" fully rugged tablet. T3RRA executives noted how it checked all the boxes: very rugged (IP65, MIL-STD-810G, and MIL-STD-461G certified); water and vibration resistant, making it perfect for in-cab use; support for Windows 10 IoT Enterprise; and multiple I/O ports with an RS-232 serial port. Everything they had been looking for and everything necessary to keep the John Deere equipment humming along, literally, out in the field.

Its high-resolution WUXGA (1920x1200) and 1000 nits brightness sunlight-readable display is perfect for those bright sunny days in the field. The unit is paired with an IP54 digitizer pen to ensure accurate touchscreen interaction. In addition, a quick-release function makes it easy to remove the tablet from the in-cab mount when it's quitting time.

T3RRA also appreciated the unit's many options and accessories – such as an optional ruggedized keyboard, docking station, in-cab 12V power adaptors and chargers, and more. RuggON also developed a pigtail to change the 12V to a 3-pin convenience outlet option, making the PX501 even better and more practical for many users.



## RESULTS

Both T3RRA and its customers well received the PX501 fully rugged tablet. They love how rugged and substantial it is, which aids in avoiding downtime. T3RRA executives also appreciate the customer support it has received from RuggON in helping solve any issues that may arise.

