

Case Study

Precision Agriculture



Customer: AgRePlan

Web Site: <http://www.agreplan.com>

Country/Region: Western Ohio

Application: Broadcasting RTK Corrections to multiple agriculture equipment

Customer Profile

AgRePlan are Network RTK experts and are a single source for all hardware to assist in obtaining a network RTK signal.

Products Utilized in Solution

- Intuicom RTK Bridge™-C with 900 MHz radio
- Intuicom Communicator II™ 900 MHz radio
- Trimble AgGPS 252
- Soil-Max Gold Digger Tile Plow



Shared RTK Correction Between Tractor and Implement Powers Tile Plowing.

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John Wagner, AgRePlan

Situation

AgRePlan, a precision agriculture technology dealer located in western Ohio, has found a way to vastly improve tile plowing for customers while also saving them money. Previously, to realize the benefits of precision technology, farmers needed to have a separate RTK subscription for each piece of machinery used in the operation. Users needed to pay twice for the same correction: once for the implement and once for the tractor.

Communication Solution

Enter Intuicom. By combining an Intuicom RTK Bridge™-C with an internal 900 MHz radio and a 900 MHz Intuicom Communicator II™, users can now share a single RTK correction. The RTK Bridge-C automatically connects to the Real-Time Network and obtains the required RTK corrections via the user's preferred cellular network. It then provides these corrections to an auto-guidance system on the tractor (typically a Trimble 252/262) while also broadcasting

the same correction to an Intuicom Communicator II rover radio connected to guidance on the tile plow.

Results

AgRePlan can now offer a less expensive, reliable total solution to customers. The setup has proven extremely popular with farmers, especially those engaged in tile plowing.

“I use the Intuicom RTK Bridge and Communicator II chiefly because of the amazing ease of use and reliability,” said AgRePlan's Wagner.

“Initial setup of the RTK Bridge, and connecting it to the Communicator II is always fast and easy with their [Intuicom's] software,” Wagner added.

