

Intuicom RTK Bridge in Agriculture



Brief Introduction

BENEFITS of Real-Time Networks for Agriculture

- **Reduced Equipment Requirements**
- **No Dependency on Tower Systems**
- **Improved Reliability**
- **Improved Accuracy** (over single baseline RTK)
- **More Robust Solutions**
- **Increased Productivity**



Intuicom's RTK Bridge



- 1. Provides Real-Time Network Connectivity**
- 2. Gets Existing Equipment Access to the Network**
- 3. Complete Turn Key Solutions:**
 1. Tractor Based Installation Kits
 2. Local Broadcast Solutions
- 4. Increases Productivity**
- 5. Adds Flexibility to Setup Locations**

RTK Bridge-C: Key Features & Benefits



- **Multiple Telecom Network Options->More Robust Connectivity**
 - CDMA & GSM (AT&T, Verizon, and more)
- **Optimized Connectivity Algorithms: +99% Up Time**
- **Stores Multiple Connection Profiles:**
 - Means Flexibility on the fly for the operator
- **Simple User Interface and Operation**
- **Proven performance with most RTK AG systems**
 - Trimble (EZ Guide, 252, FMX), CASE, New Holland, Leica mojo and more

RTK Bridge Product Diagram



RTK Bridge Activation- CDMA

- Contact Verizon Wireless (to get an account)
- Request appropriate Wireless service: “Mobile Broadband Access” this is most commonly a 5GB/month data only.
- Provide the Verizon representative with the Intuicom RTK Bridge- Cellular identifier and Electronic Serial Number (ESN).
- The activation process takes approximately one to two minutes to complete.

RTK Bridge Activation- GSM

- Contact AT&T Wireless (to get an account)
- Request appropriate Wireless service:
 - **Laptop Connect or Data Connect**
- Request SIM Only (have hardware)
- SIM card access and insertion
 - SIM card provided via USPS or at location
 - Insert SIM to begin service
- Non AT&T service will require APN parameters to be loaded into the RTK Bridge

Field Installation and variations

- 252 Installation
- FMX / F1000
- EZ Guide 500



RTK Bridge vs. Trimble Ag3000

Ag3000

- Simply a GSM Modem
- GSM Only
- Limited to Trimble Products
- New- early feedback is quite mixed

RTK Bridge

- Fully featured product with profiles, operator confirmation and more
- CDMA and GSM (+95% CDMA in '09)
- Demonstrated with Trimble as well as Case, New Holland, Leica, and more.
- Embedded radio options
- Proven with 100s in the field

RTK Bridge vs. Trimble Ag3000

- **Nothing more than an industrial modem.**
- **Strictly a GSM option and no plans to provide a CDMA option.**
- **Trimble antenna rating of 3db**
- **Signal out-put of 2 watts.**
- **96% of the Intuicom Bridges sold to date have been CDMA.**
- **You have both options with regards to CDMA or GSM.**