

# Harvesting Operations

SOLUTION BRIEF TELEMATICS SOLUTION

## RFID Enabled Telematics Solution for Harvesting Operations

Intellex and its partner, Minds, Inc., have developed a solution for the automated tracking of harvesting operations involving the coordination between crop harvesters and delivery trucks. The solution combines the best of GPS, RFID, and wireless technologies to provide a real-time view of harvesting operations anywhere, anytime.

### Do You Need Real-Time Status of Your Harvesters?

Have you ever wondered where your harvesters are and how much crop has been harvested? Harvester planning and efficiency is the key to a successful and profitable operation. Now you can have total visibility on the whereabouts, speed, and efficiency of every harvester in your fleet. Imagine seeing your operation in real time even though you are not in the field. With this solution, you can get a map or satellite view of your operation as crops are being harvested in real time!



### Do You Need to Monitor the Arrival, Loading and Departure Time of Crop Delivery Trucks?

Another critical part of an efficient harvesting operation is the coordination with 3rd party delivery trucks. What if you could monitor the arrival, loading, and departure time of delivery trucks – even if they're owned and operated by 3rd parties? Now you can see when a truck arrived at the harvester, how long it took to load, and when it departed.



### Is There a Lack of Coordination with Internal and 3rd Party Personnel?

It is always a challenge to coordinate complex or time critical operations with multiple people, let alone with 3rd parties. The Intellex and Minds solution enables information sharing with not only your own personnel, but also with the 3rd parties you do business with. The information shared is



completely up to you and under your control. This minimizes the potential confusion and misunderstandings that can arise.

### Access Information Anywhere, Anytime!

What good is real-time information if you cannot obtain it anywhere, anytime? This solution allows easy access to data over the web or via mobile phones so that you can monitor operations in the office or out in the field.



### Your Complete Solution for Tracking Harvesting Operations

Integrated GPS and RFID readers mounted on harvesters monitor arriving and departing trucks tagged with small, discrete RFID tags. Location, time, efficiency, and other statistical data about the harvester and trucks are automatically uploaded over wireless networks. Data is then integrated into a local application or existing systems for real-time viewing anywhere, anytime – over the web or mobile phones. You own the data, and can choose to share it with 3rd parties if you wish.

### Getting Started Quickly

The Intellex and Minds solution is not the typical “heavy” system offered by some vendors. It is designed to let you get started quickly and easily so you can conduct a pilot before investing further. The solution is designed to integrate with your existing applications and network, or be used standalone without the need for complex back-end systems. Flexible application options make it simple for your users and operators to use the system.

### Harvest Operation Solution Features

- Instant feedback from field operations
- Track harvesters and delivery trucks in real time
- Access data anywhere, anytime
- Easy integration with existing systems or processes
- Easy to get started



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