



Pivot Point:

Communication:

- Digital cellular, 900 MHz – updates hourly
- 2 way between RTU and Server
- Ping feature

Physical:

- High voltage or low voltage
- Battery backup – lithium ion
- NEMA 4x polycarbonate enclosure
- 4 or 7 Conductor wiring harness with pvc outer coating
- On-Board LCD

Monitoring:

- On/Off
- Power
- safety
- Location of the end tower
- direction
- speed
- End gun
- Pressure (optional) actual pounds of pressure

Control:

- Stop– Computer (web), PDA (web), cell phone or email
- Start - Computer (web), PDA (web), cell phone or email
- Speed – Computer (web), PDA (web)
- End Gun – Computer (web), PDA (web)

Alerts:

Text Messaging and/or email – Up to 6 cell phones and/or 6 email accounts

- Stop
- Start
- End gun change
- Speed change
- Power change
- Status
- Pressure

Message – Name of pivot, position, direction, speed, pressure, end gun on/off and time pivot stopped or started

Summary tree - on the left-hand side of page

- Color indicates current status and position
- Wet or Dry
- Grouping



Unit Page

- Current status
- Current run or stop time
- Last reading
- Graphing – signal strength, position, pressure, relay status
- Notes – time stamped
- Reports - Daily, weekly, monthly, and annual
 - Run or stop time
 - Direction
 - Optional wet hours

Group Summary

- Provides location and status of multiple units and applications
- Color indicates current status and position
- Wet or Dry

Hardware Options:

- 900 MHz communicating with other applications
 - Pump
 - Chemigation pump
 - Soil probes
 - Weather instruments

Software Upgrades

- Cell Modem - Via the Internet
- 900 MHz - from the road

Hardware Upgrades

- All AgSense products are easily upgradeable.

Programs

- Speed
- End Gun
- Stop At

Configuration

- Via the Internet
 - Length of pivot
 - End gun distance
 - Time to make 1 revolution @ 100%
 - Pressure