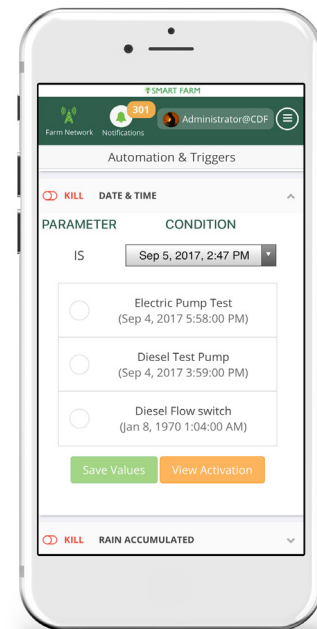




Automation & Triggers

KEY FEATURES

- When something we are monitoring is greater than, less than or equal to an operator-specified condition:
 - then take a certain action at one – or all pumps
- Event Triggers
 - Time scheduled automatic off times
 - Water flow rate
 - Flow switch activity
 - Diesel engine RPM
 - Diesel pump battery voltage
 - Soil moisture probe levels
 - Water level probes
 - Pump shutdown fault
 - Maintenance alert
- Actions that can be taken based on an event trigger
 - Turn off a diesel or electric pump
 - Turn on an electric pump
 - Send an alert message to the operator



Smart Farm Mobile App

The Smart Farm mobile app is very easy to use and is compatible with Apple iOS and most Android mobile devices (iPhone, iPad mini, iPad, Galaxy S7).

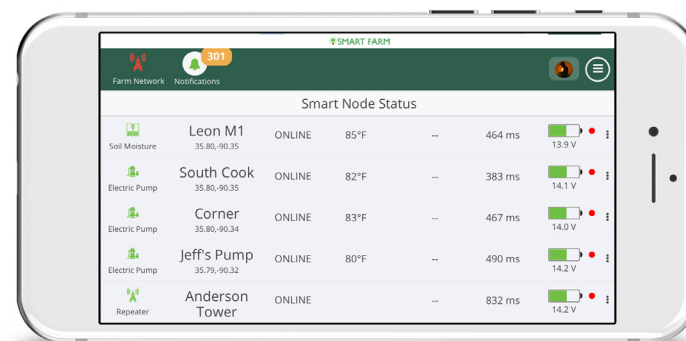
Our customized user interface was created to display your entire farm and equipment. This mobile app makes it easy for you to monitor and control your farm from anywhere, anytime using your already-owned smart devices.



Smart Node Status

KEY FEATURES

- List display of node type, name and location, activity status, internal temperature, ambient temp, latency and battery
- Sort by any category in the list
- Trend lines associated with internal temperature and battery



www.smartfarm.ag

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We deliver the information you need to grow.

We deliver the information you need to grow.

Smart Farm Mobile App

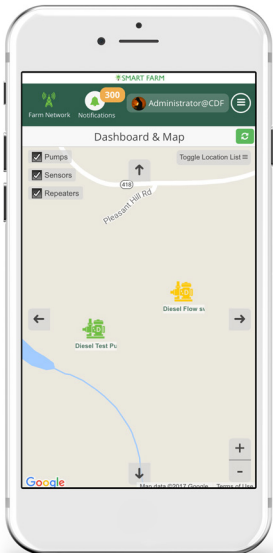
Smart Farm Mobile App

At a glance - you can see the operation status of all Smart Farm monitored devices. Color-coded icons indicate active, inactive and off-line pump states as well as equipment faults and data from environmental sensors. The key features and interface screens are shown here.

Dashboard and Map

KEY FEATURES

- Navigate around the map
- Zoom in or out on a single device
- Touch the icon and see detailed information
- Includes drop down list and “All Off” pump commands to take advantage of sudden rainfall



Pump Status

KEY FEATURES

- Displays a list of pump type, name and location, activity status, run time, flow rate, RPM, fuel level, and battery voltage and fault status
- Sort by any category in the list
- Trend lines associated with well flow rate, RPM, fuel level, battery voltage, fault event timing and local weather station data

Weather Stations

KEY FEATURES

- Displays a list of all weather stations installed on the farm
- Sort the station list based on rain levels, temperature, humidity, dew point, wind speed, heat index and solar radiation
- Data graph shows all data trends from these sensors, by the day, week or month



Soil Moisture Levels

KEY FEATURES

- Displays a list of location, nearby weather station rain and up to 6 Smart Farm moisture probes
- Also sort by any of those probes in the list
- Soil moisture graph shows trend lines associated with all soil monitoring probes at each node



Water Levels

KEY FEATURES

- Displays a list of location, nearby weather station rain and up to 6 Smart Farm water level probes
- Also sort by any of those probes in the list
- The water level graph shows trend lines associated with all soil monitoring probes at each node

Maintenance Minder

KEY FEATURES

- Part number reference for engine type, oil filter, air filter and fan belt
- Schedules oil and oil filter changes
- Schedules air filter and fan belt changes
- Sort to have locations requiring maintenance tasks rise to the top
- Drop down maintenance log showing work done and by who

