

AUTOMATION USING SMART SENSORS



Let Smart Sensors Automate your Irrigation

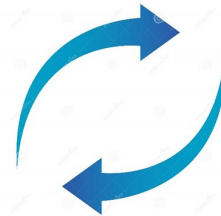
The Process - simple & cost effective

SMART sensors send data to the cloud

Agri-tech cloud server sends a text when a condition is met to a relay in the pump-house

Relay opens and communicates with the rig and executes the command to irrigate

History log is created on the client account



Update Automation Create a title for your automation

Test Bulbhook

Field: BUL Block 2B Yassin Choose the field / block from the drop-down list

Enabled

Conditions

When the time is between 10:00 and 15:00 (24 hour format) Choose the period - no limit to the number of periods within the day

From Root Zone Moisture Choose the sensor parameter you wish to trigger your irrigation on - eg Root-zone Moisture

When the soil moisture is less than 51 Enter manually

From Soil Choose multi parameters - eg if the Moisture is less than x and run-off less than y trigger an irrigation event

When the Run Off is less than 5

Actions

Run Irrigator Choose the action and send the relevant command from the drop-down box

For irrigator Test irrigator perform the following command Start (ST) via SMS message to 1321312

Send parallel text alerts on any selected parameter

Click "update automation" - the programme is now created for that period - a log is created when events take place