Atomiton

It's estimated Earth will be populated with 10 billion people by 2050, requiring food production to increase 70%. This can only be accomplished with precision agriculture techniques.

TQL Precision Agriculture Solution by Atomiton provides an end to end solution at a global scale.

IoT will be deployed to every farm in the world, accurately monitoring and reacting to environmental changes dynamically and automatically.

Accurate and efficient use of resources will be required to provide the output of a modern farm.

- Sense environmental changes such as moisture and temperature

- Dynamically monitor zones

- Regulate farming resources

- Increase farm yield

*Other names and brands may be claimed as the property of others

Atomiton Precision Agriculture AgriKit

Atomiton AgriKit Contents

- Advantech* UTX-3115 Gateway powered by the Intel* Atom* Processor

- Intel Edison Development Platform as Sensor Hub housed in a weatherproof junction box

- Watermark* Soil Moisture Sensor and Digital Meter by Irrometer

- Watermark Temperature Sensor

Quick Start Steps

1. Unpack and plug in gateway and sensor hub

2. Connect to Atomiton Agrikit Gateway Wi-Fi

3. Create a zone based on farm or field

4. Insert the Atomiton AgriKit sensor hub geo coordinates

5. Insert the soil moisture geo coordinates

6. Watch the sensor report data

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