

MANAGING PLANTATION WITH ARTIFICIAL INTELLIGENCE & IoT



50%
MORE YEILD

GREATER YEILD!

50%
WATER SAVING

LESSER COST!

20%
FERTILIZER REDUCTION

HIGHER INCOME!

STANDARD FEATURES :



Sense Soil, Water and Ambient properties 24X7



Automatically Operate Valves to Maintain Ideal Air-Water Balance at Rootzones based on the Evapotranspiration Principle using Artificial Intelligence.



Automatically Administer Precise Fertigation when required as per the crop, its stages and schedule.



Automatically Operate Pumps when required.



Automatic Backwash of Gravel, Disk & Hydrocyclone Filters when necessary and Maintain Uniform Pressure at all times.



Automatically Maintain Climatic Condition in Greenhouses with Foggers, Fan/Pad, Air Circulation Fan, Curtains, Air Conditioner and Inject CO2 when needed.



Automatically Operate Generators during power cuts, and turn off when backup power is not required anymore.



Totally Solar Powered and Fully Wireless with our own Private LoraWANR Network. ZERO Wiring inside of Farms.



Automatically establishes Farm-to-Fork Traceability of every harvest from every farm with great insights.

GLOBAL SUN EXCELLENCE SDN BHD

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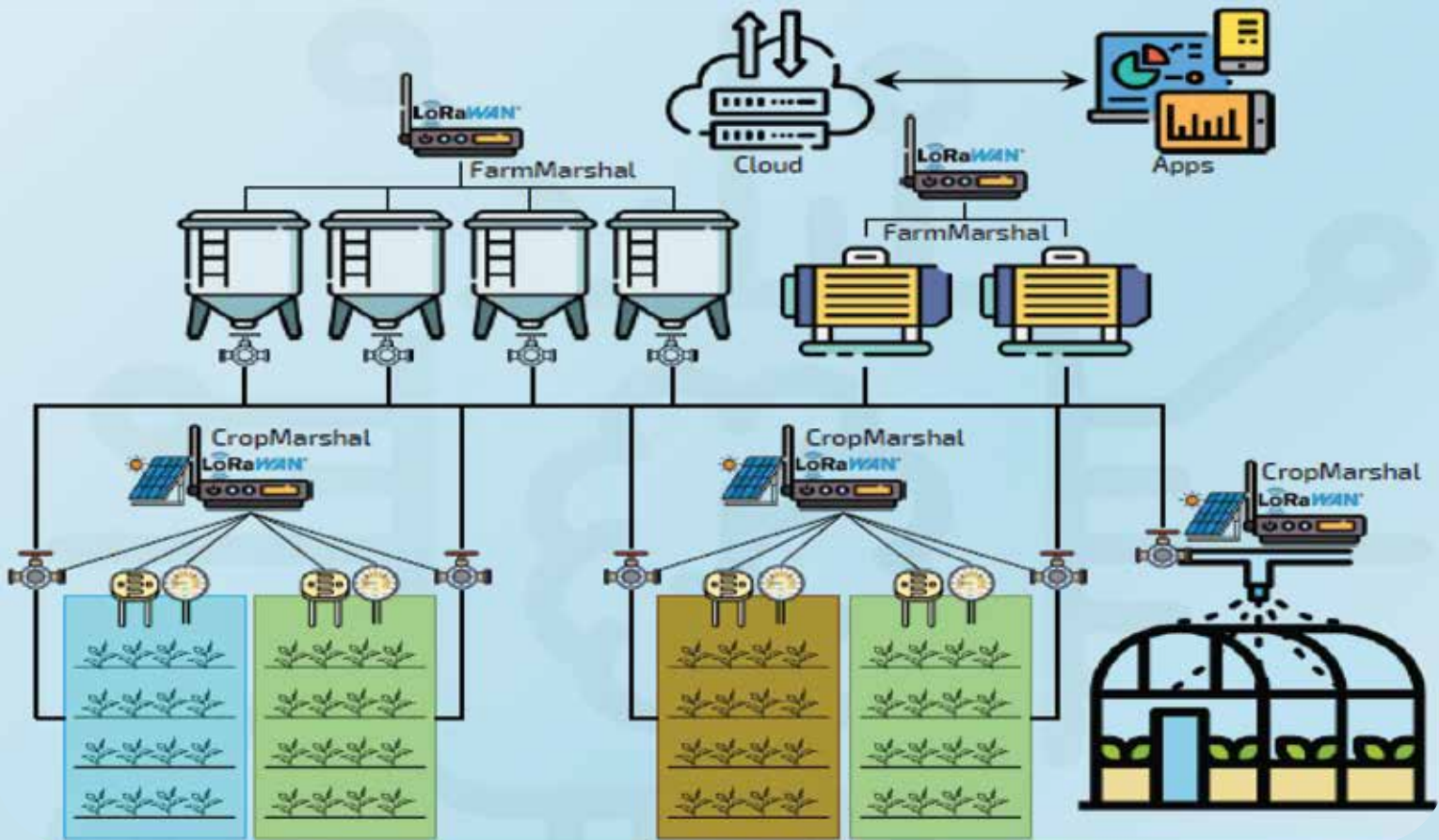


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Typical Farm Layout



Mobile & Desktop Applications for Realtime Interaction



Available on the
App Store



GET IT ON
Google Play

- Multilingual Apps
- Irrigation Status
- Fertigation Status
- Hyperlocal Weather Information
- Fertigation Tanks Statuses
- Power Grid Quality Trend
- Generator Status
- Soil Moisture, Temperature Trend
- Ambient Humidity, Temperature Status and Trend
- EC & pH of Soil and Water
- Weather Alerts and Warnings
- Greenhouse Temperature, Humidity, CO2 Status and Trend
- Light Luminosity Status and Trend
- And much more

