

# Automatic climate control solution

Improved crop quality and yield

## Green House Smart Climate Control

Product Brochure

**Will it be better, longer growing season, weather protection, pest prevention and all can be operated and control automatically.**

In recent scenario of climate change has motivated to install greenhouses and our system automates the greenhouse to control the humidity, CO<sub>2</sub>, temperature, and lighting control.

**Green House Smart Climate Control** Operations to be triggered based on internal env. (temperature, humidity) and external env. (rain\*, wind speed) triggers

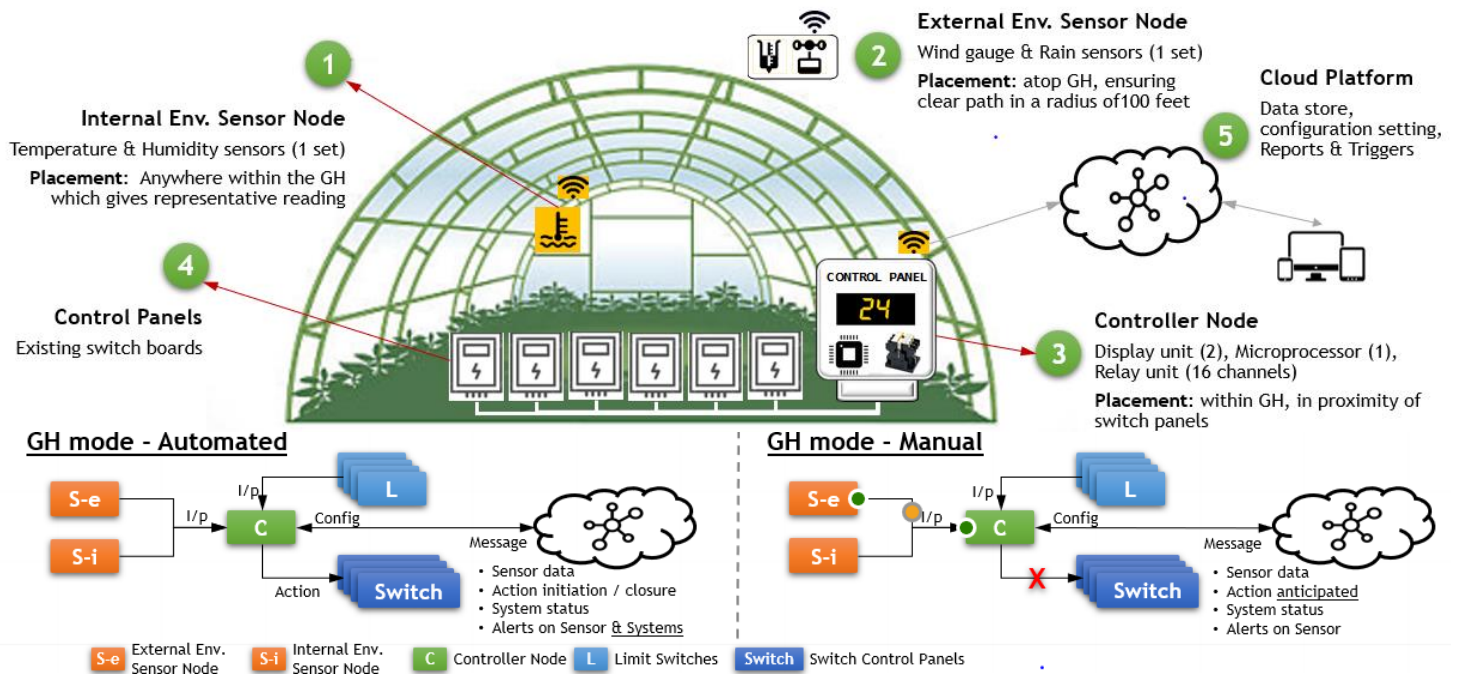


- Specialized greenhouses (GH), with mechanized operations for its fog systems, roof vents, shade systems and fans






Fit **Green House Smart Climate Control** monitored and troubleshoot remotely.

# Green House

## Smart Climate Control working



## Highlights

-  **Internal Env. Sensor Node**  
Temperature & Humidity sensors (1 set)
-  **External Env. Sensor Node**  
Wind gauge & Rain sensors
-  **Controller Node**  
Display unit (2), Microprocessor (1), Relay unit (16 channels)
-  **Control Panels**  
Existing switch boards
-  **Cloud Platform**  
Data store, configuration setting, Reports & Triggers

## Benefits

- ?%** Maintain ideal Micro-climate
- ?%** Enhance Irrigation and fertilization Practice
- ?%** Control Infection and avoid disease
- Full** Improve Security
- Full** Remote Real-Time Monitoring
- Zero** Cost consulting for solution design and technical support



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