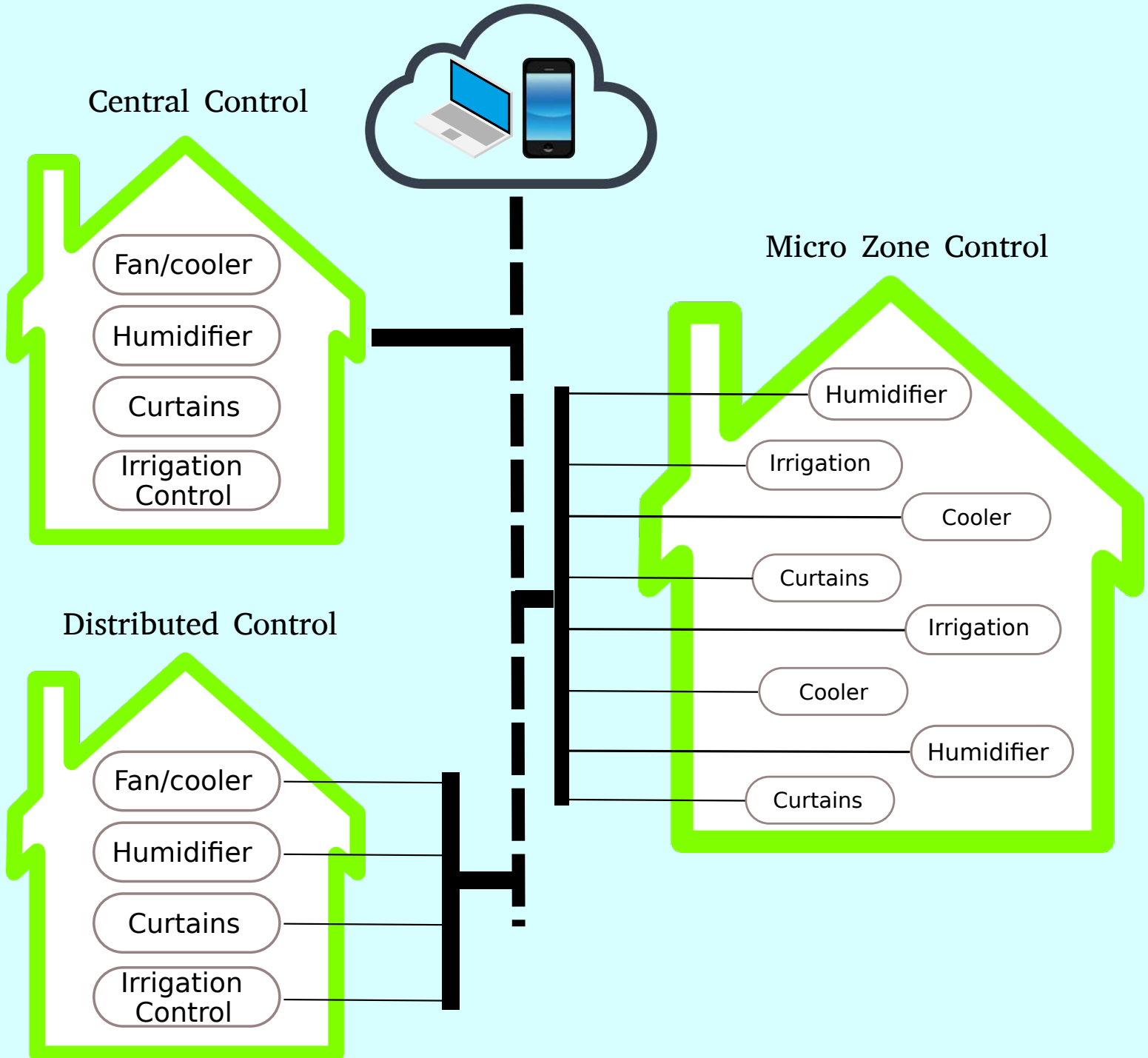


# SENSEnuts MeshFarms



# Smart Greenhouse

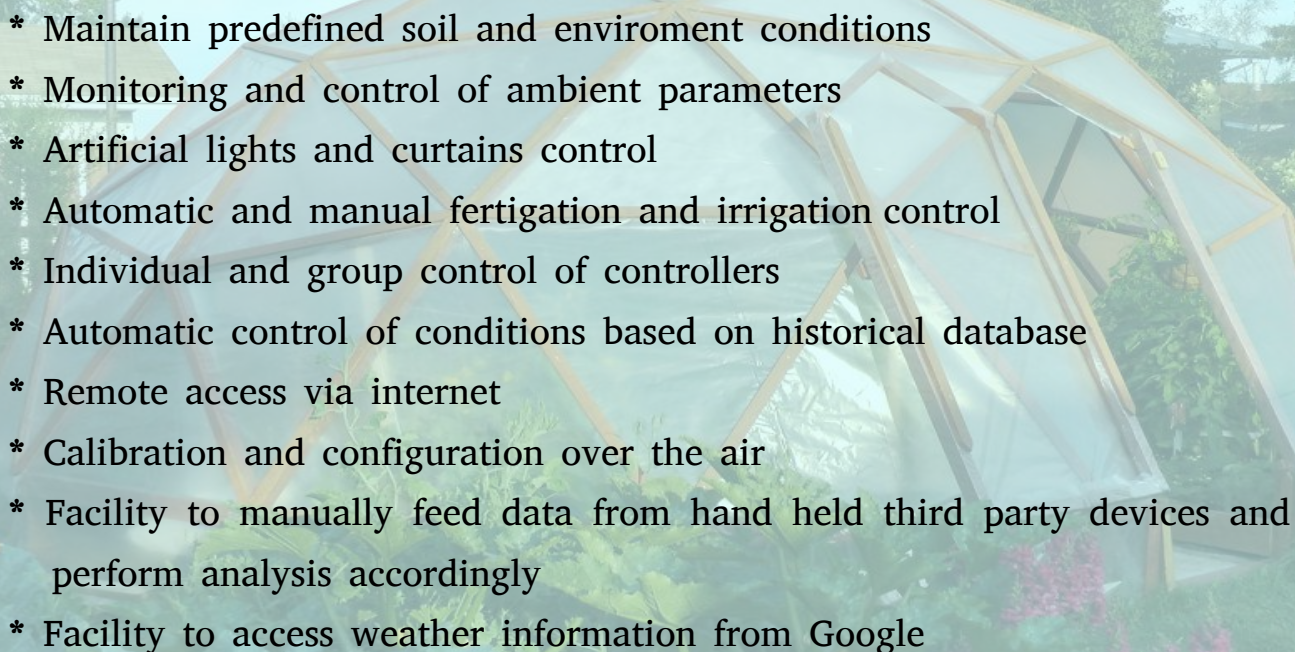
## Wireless Controllers for Greenhouse



# SENSEnuts MeshFarms



- \* Wide portfolio of wireless sensors for environment and soil
- \* Flexible, expandable and adaptive solution
- \* Immune to complete system failure in case of distributed and zone control system
- \* Optimum usage of power generators
- \* Suitable for greenhouse, poly-house, hydroponics and aeroponics
- \* Sustainable and versatile with long battery life

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- A photograph of a geodesic dome greenhouse. The dome is made of a wooden frame and translucent panels. Inside, various green plants are visible. The greenhouse is situated outdoors on a lawn with trees in the background.
- \* Maintain predefined soil and environment conditions
  - \* Monitoring and control of ambient parameters
  - \* Artificial lights and curtains control
  - \* Automatic and manual fertigation and irrigation control
  - \* Individual and group control of controllers
  - \* Automatic control of conditions based on historical database
  - \* Remote access via internet
  - \* Calibration and configuration over the air
  - \* Facility to manually feed data from hand held third party devices and perform analysis accordingly
  - \* Facility to access weather information from Google



## Few Reasons Why **SENSE**nuts MeshFarms

- \* Monitor Greenhouse atmosphere and take control action
- \* Historical data availability on user site
- \* Cost effective solution for automation
- \* Battery and solar powered capability
- \* Proactive maintenance by preventive alert for functioning and replacement
- \* Smart Phone and Web application for user access
- \* Provide local and remote control through Web
- \* All updates of atmospheric conditions available to the user
- \* Provide group control of multiple greenhouse
- \* Pre-scheduled entire control and monitoring for any project
- \* Time monitoring and control of greenhouse environment
- \* Alert for any malfunctioning if any device goes down
- \* Database management and data analysis
- \* Automatic self configuration of new additional sensors
- \* Easy and faster deployment without any cumbersome network & configuration

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