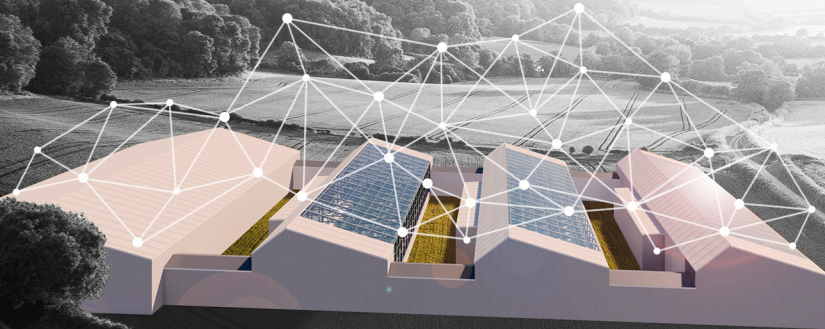


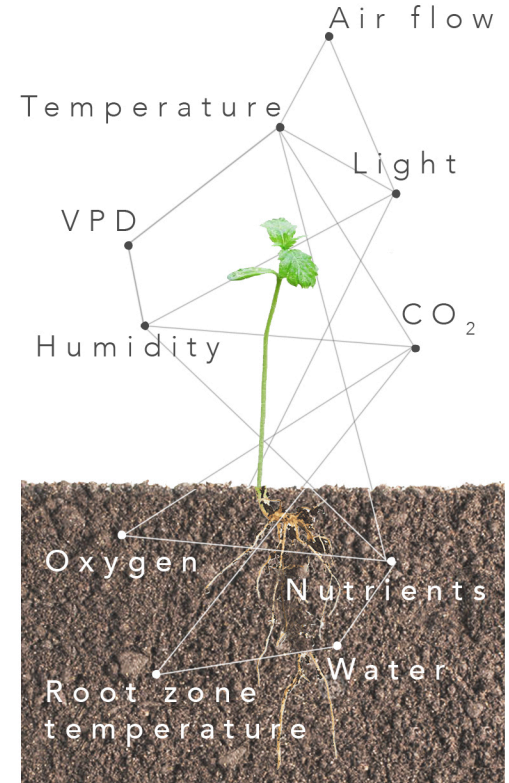
SUNSENSE™

SMART CONTROL FOR AN OPTIMAL GROW ENVIRONMENT



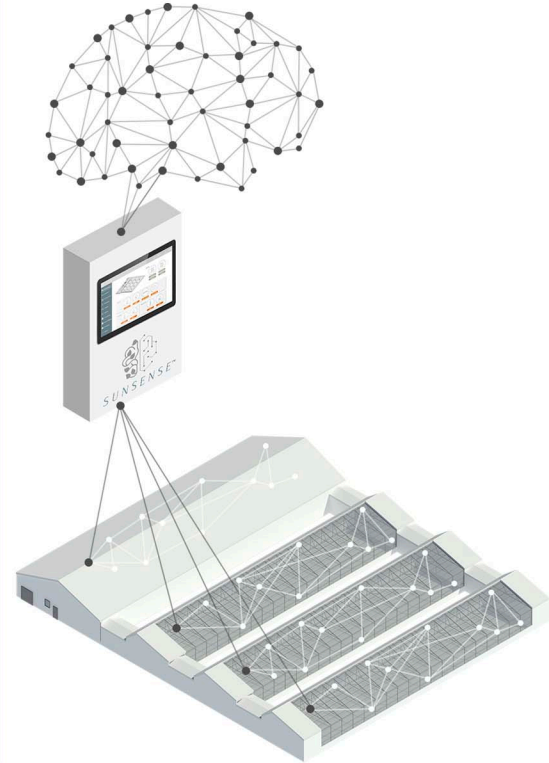
DESIGNED AROUND PLANTS

- Environmental parameters optimized for plant growth and health
- Customizable environmental recipes for individual cultivar and for each stage of growth
- Vapor Pressure Deficit (VPD) specified by grower and maintained by the Heating, Ventilation, Air Conditioning and Dehumidification system (HVACD)
- Desired light levels (DLI, PPFD) achieved by a smart lighting strategy
- Adjustable CO₂ concentration
- Reduce risk of pests and disease from a controlled environment



ENGINEERED FOR SECURITY AND EXPANSION

- Modular design allows continuous facility expansion
- Industry-proven hardware and hardwired connections ensure data transmission in extreme environments
- Integrated data privacy and network security
- Secured and accessible data with local and cloud storage

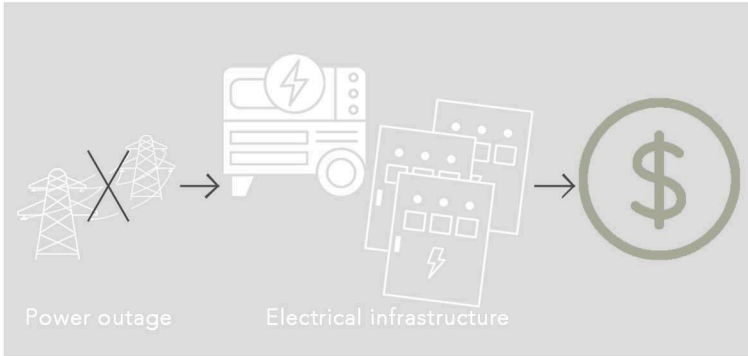


BUILT TO SAVE MONEY

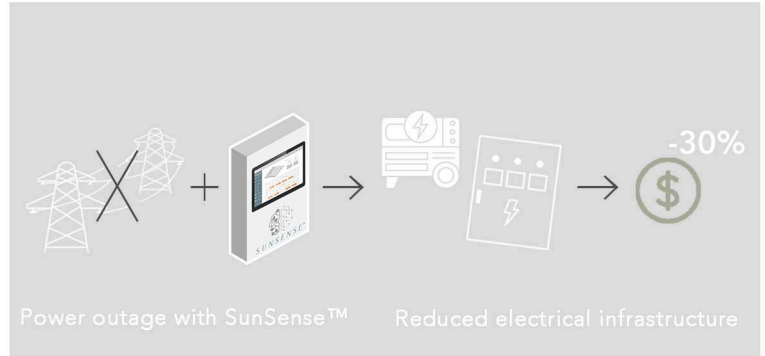
Lower CapEx

- SunSense™ reduces electrical infrastructure such as electrical panels, wiring, generator and switchgear, by eliminating non essential loads during power outages

Industry Standard



Ceres



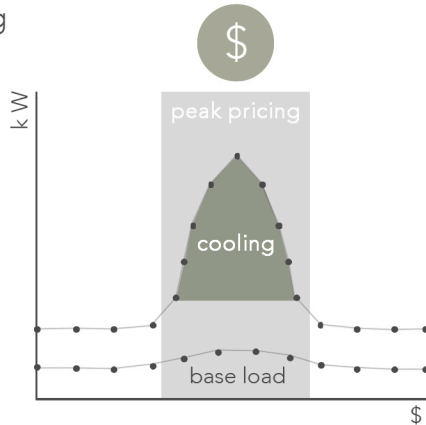
BUILT TO SAVE MONEY

Lower OpEx

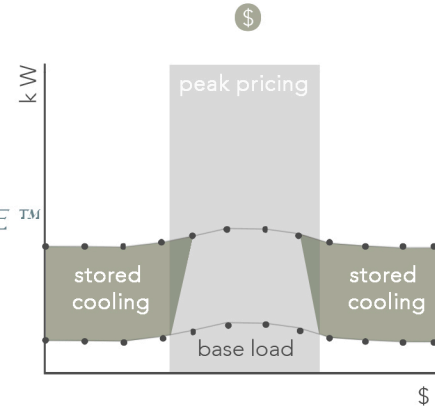
- Shifts electrical loads to avoid peak utility rates
- Minimizes HVACD and lighting energy consumption
- Monitors water consumption for precise water and nutrient use
- Automation improves employees efficiency

Load shifting

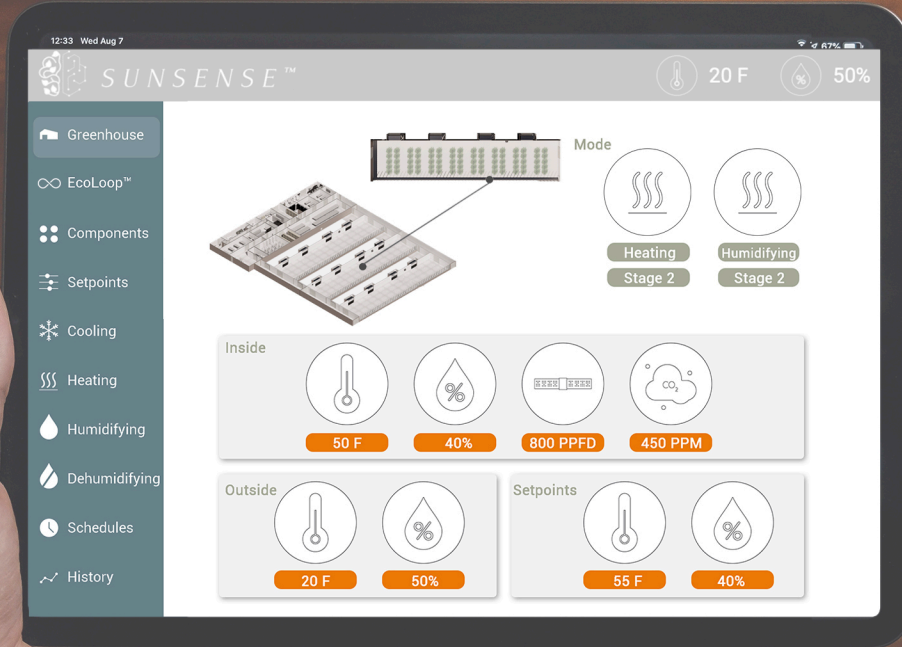
Standard
Controller
Operation




SUNSENSE™



CONTROLLED FROM ANYWHERE

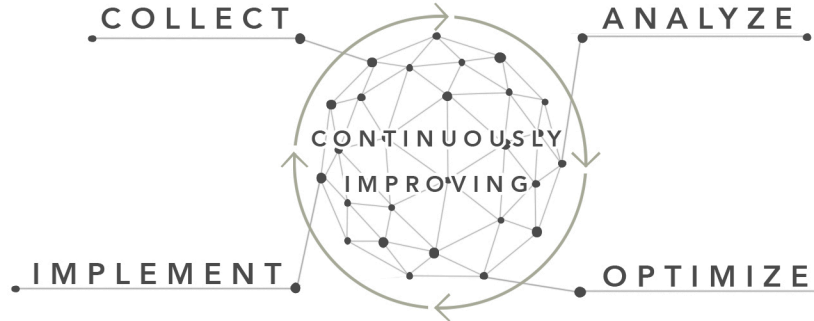


Access your dashboard remotely with internet connection to control and monitor your facility

SUNSENSE™ ANALYTICS

All data that is monitored
is stored locally
and on the cloud

The SunSense™ software centralizes
all data to analyze and evaluate the
facility performance



Updates are pushed live in order to
immediately reduce energy use and
increase yields

Develop an optimization strategy
specific to each facility based on data
analyzed, utility rates and yields

OUR MISSION IS PRECISION

ARTIFICIAL INTELLIGENCE ENABLES
GROWERS TO IMPROVE PRODUCT QUALITY
AND INCREASE YIELDS

EcoLoop™ Optimization

Reduces HVACD energy demand by adapting to
environmental variations

Balance Environmental Parameters

Holistic management of climate, CO₂, fertigation,
lighting and spectrum

Photosynthetic Recipe Development

Customizable recipes for individual cultivars



MINIMIZE
OPERATIONAL COST
AND MAXIMIZE YIELDS

— 30% of electrical infrastructure
from emergency control

30% of energy use in the first year
from load shifting

Crop loss with sealed and controlled
environment

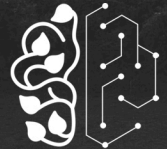


Employee efficiency from automation

Quality and quantity of yield from
customized recipes

Environmental and business
sustainability

IT MAKES *SENSE*



SUNSENSE™

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303.495.5006

