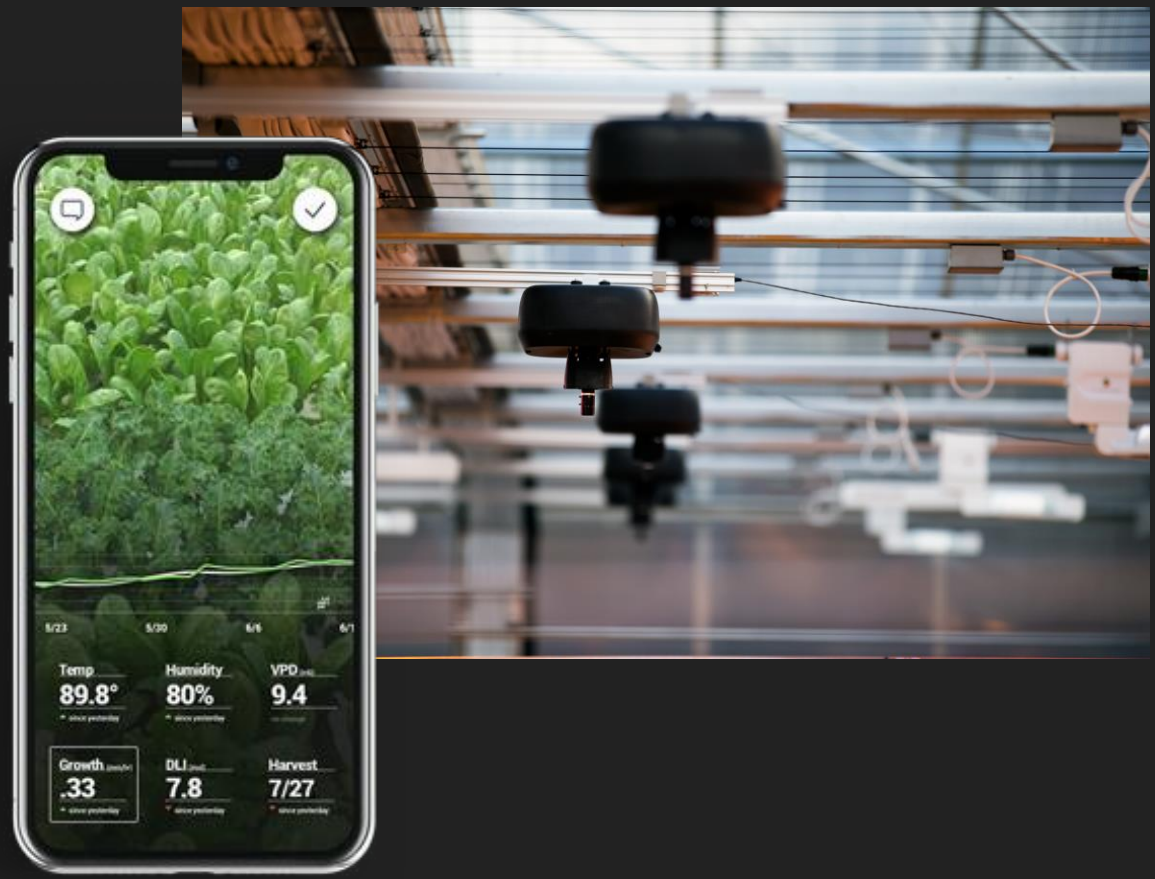
LUNA® BY IUNU

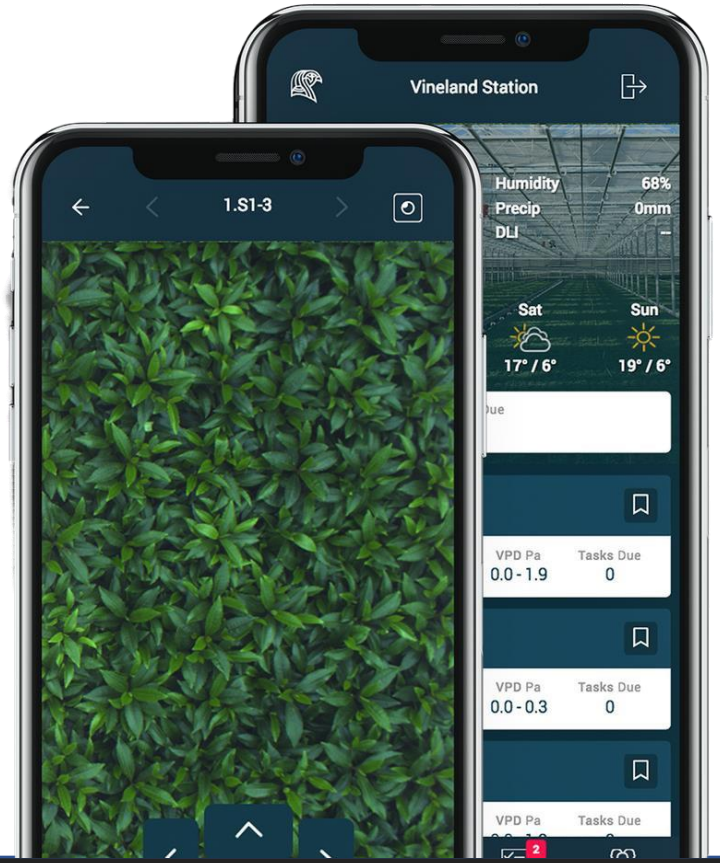
Solution Overview



iUNU®

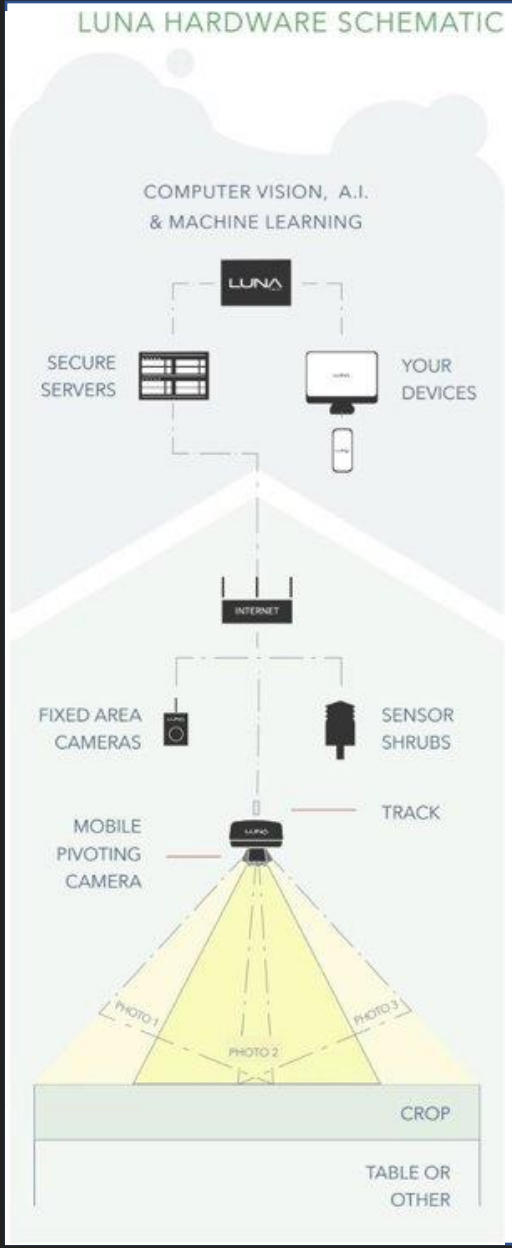
LUNA Benefits

Empower your team by removing the friction between production & sales



- ✓ Reduced time spent tracking inventory against ship dates
- ✓ Reduce shrink/diminished growth, Increased fulfillment rate
- ✓ Reduced time spent traveling, walking, manual counting & recording
- ✓ Retain and validate grower knowledge, Establish ideal growing protocols per cultivar
- ✓ Determine root cause for growth anomalies
- ✓ Increased yield

iUNU



LUNA in my faculty

Robotic Cameras – high resolution cameras ride above your plant canopy and deliver a stitched image of your entire canopy

Sensor Shrubs & Area Cameras – sensor shrubs at canopy level give granular data on your crops response to environmental pressures; area cams give fish eye view of key locations throughout facility

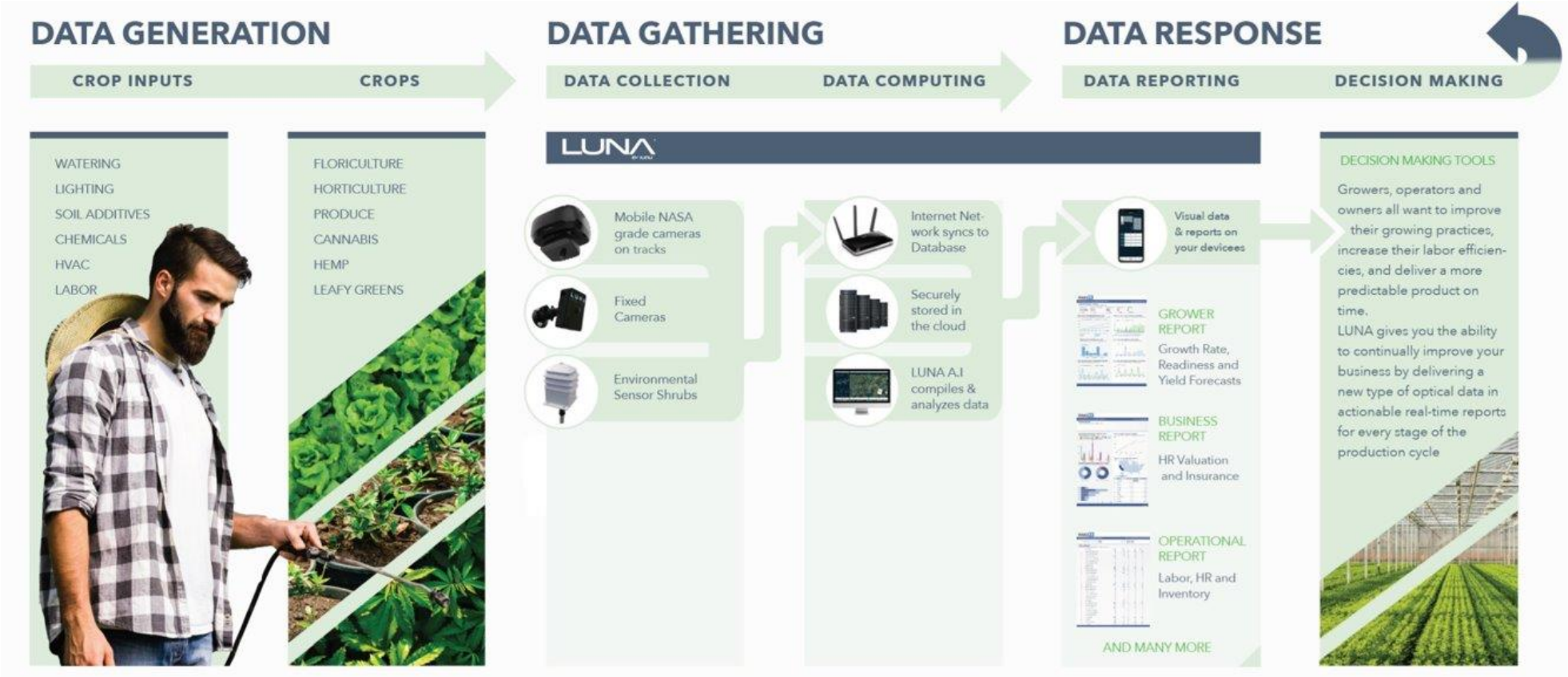
Transmission & Storage – data sensors relay information wirelessly or directly over

local internet service; data can be securely stored on remote or onsite servers

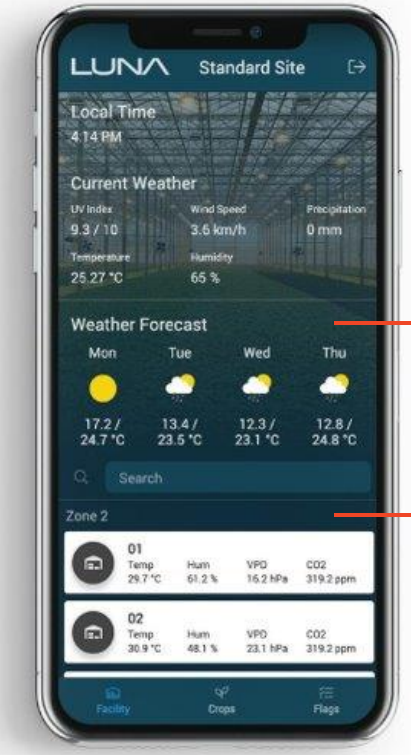
Digitized Data – stitched facility images are transformed into structured data that LUNA analyzes through Computer Vision; tribal knowledge capture of recipes provides your team the proprietary data they need to succeed

iUNU

Data pipeline with LUNA



Facility overview



View the local weekly weather forecast.

Favorite a building to quickly access the most relevant greenhouse information at any time.

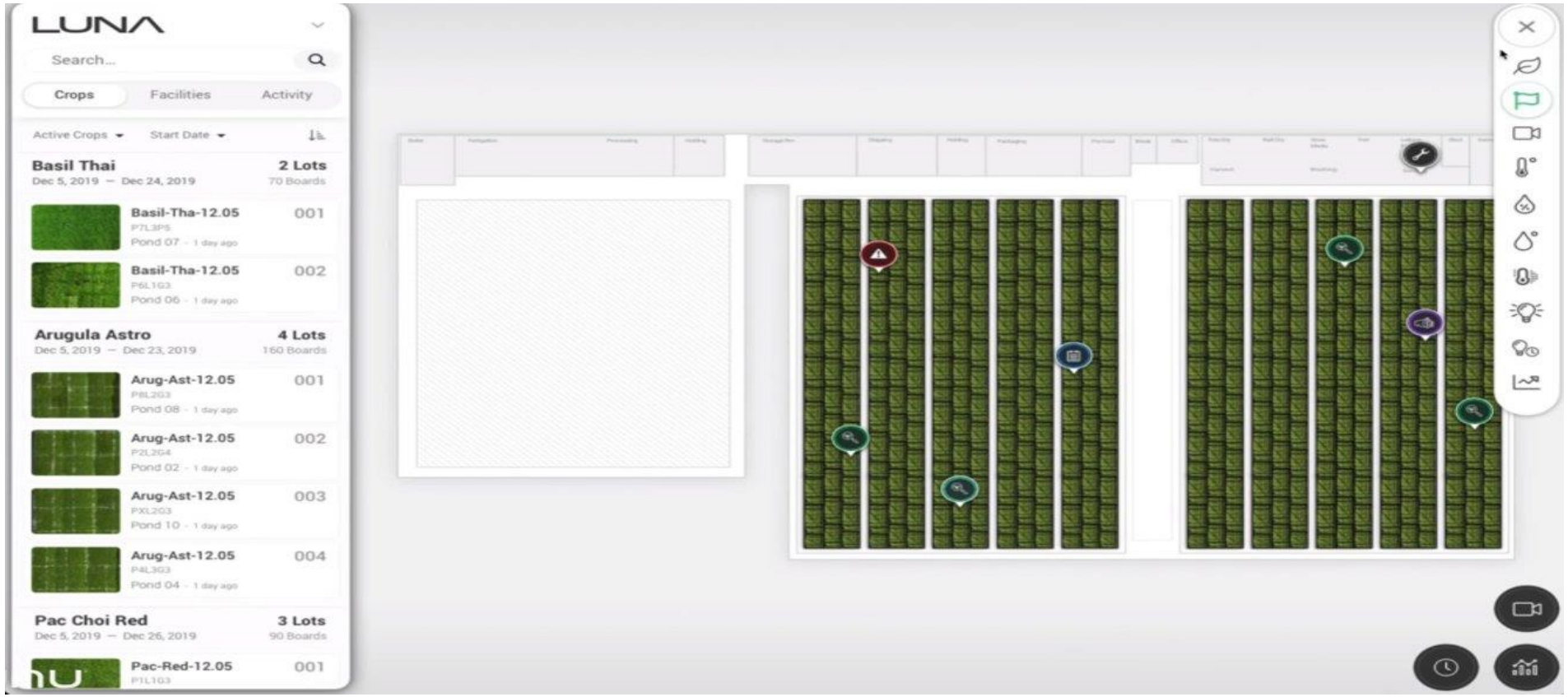
Building cards display an overview of climate and task information at the building level.

View digital flags, growth analysis overlays and micro-climate markers with the click of a mouse.

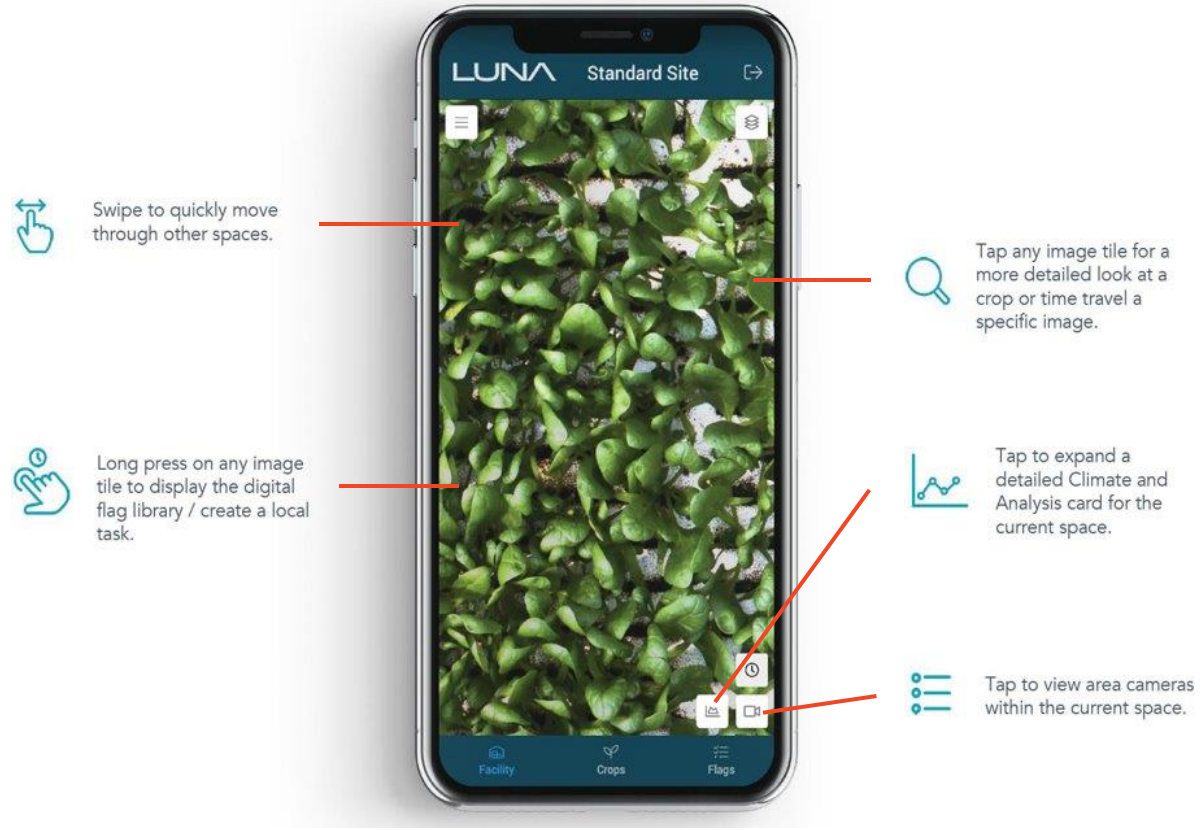
View the entire canopy of your facility at once. Zoom down to leaf level for unparalleled scouting.

iUNU

Greenhouse management overview



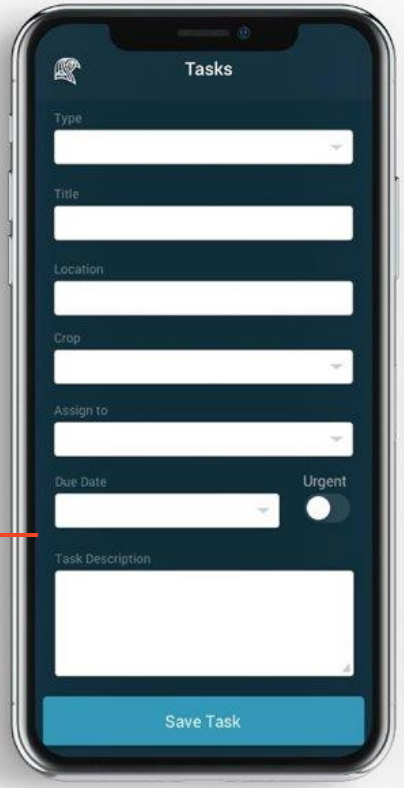
Remote crop walk

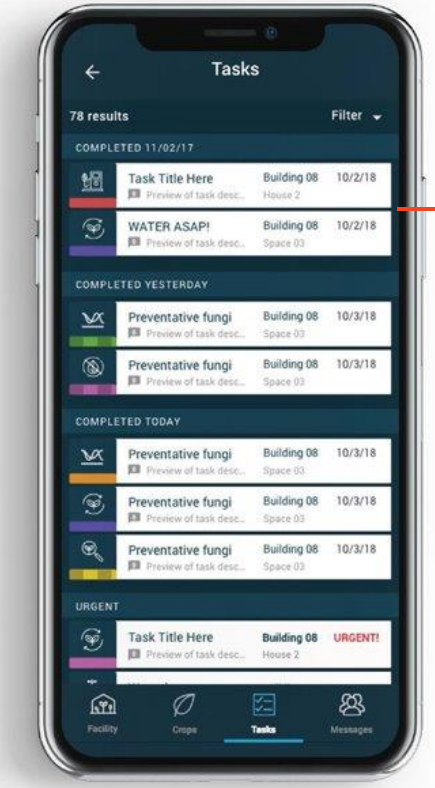


iUNU

Digital flagging for tasks

Create space, crop or inventory item-level tasks and assign to any number of co-workers. Assign urgency, type and due dates.



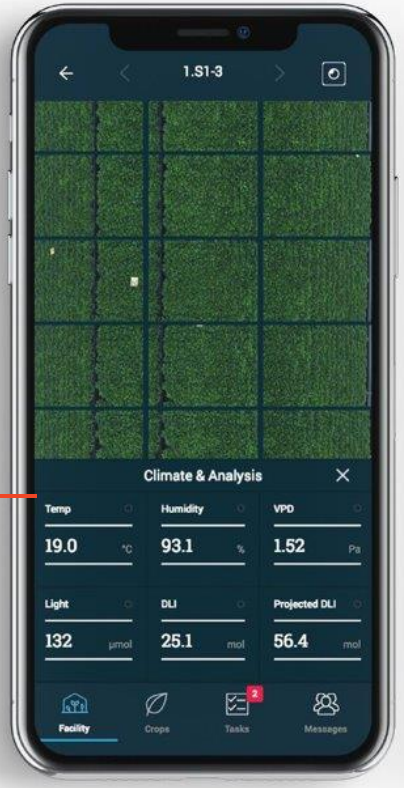


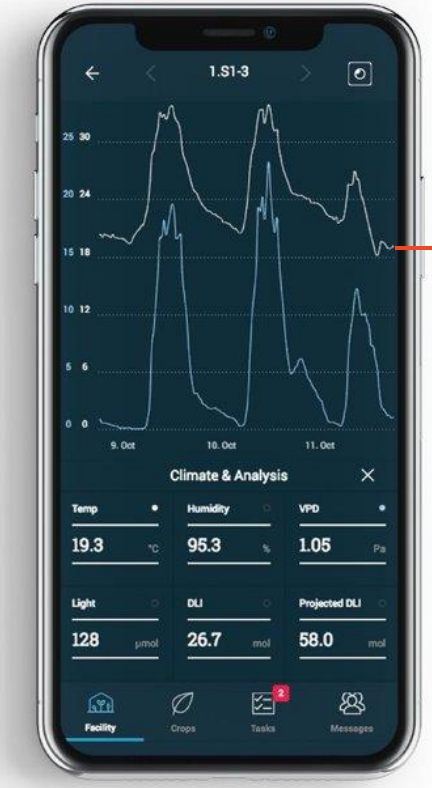
Review task completion status by date, urgency, type, crop or location. Maintain an ongoing task log for internal compliance and reporting purposes.

iUNU

Environmental graphical tracking

Swipe the tiles to display the second page of environmental and space-level analysis data.

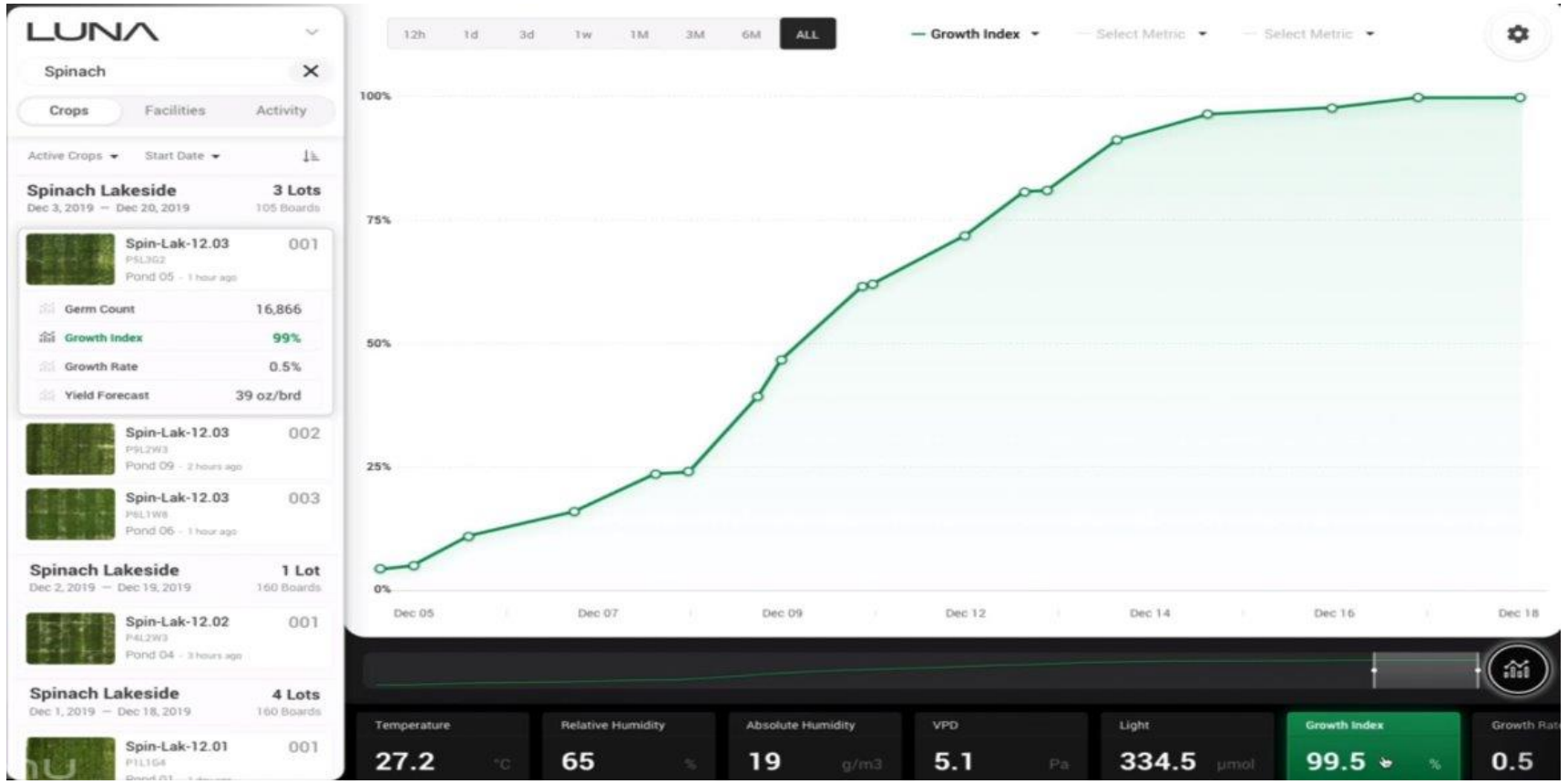




Tap each climate tile to show and hide a 72-hour chart of compiled data.

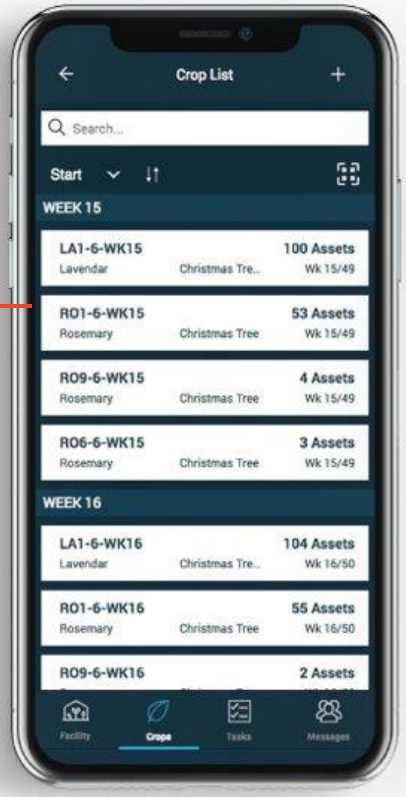
iUNU

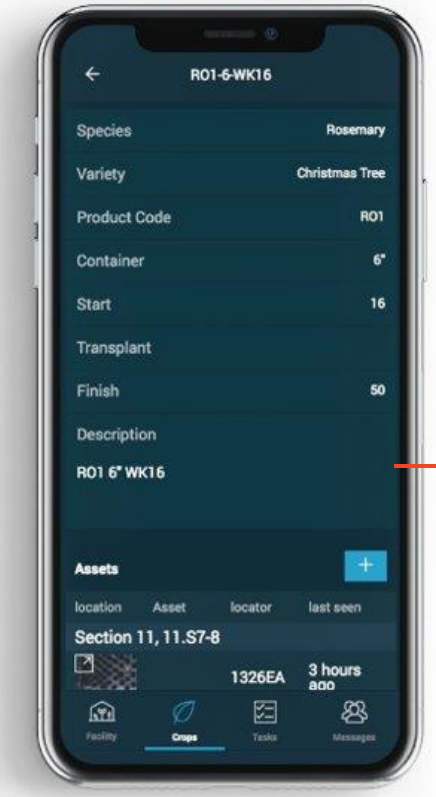
Growth rate & yield forecasting



Crop management

Review all your crops at a glance, by species, start, transplant and harvest dates.

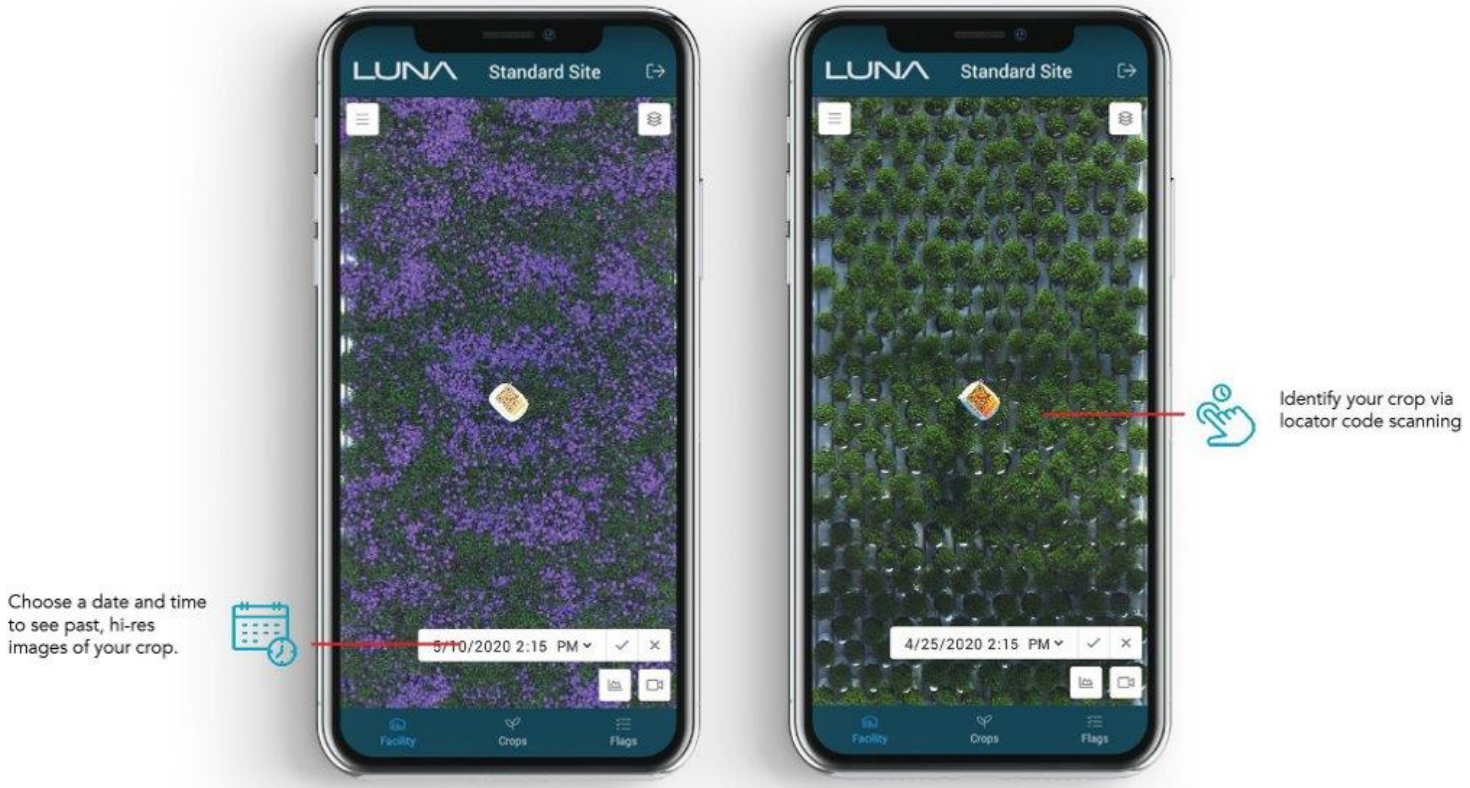




Create your crops based on your recipes and keep track of your crop's progress. Assign inventory trackers and never lose track of your lots.

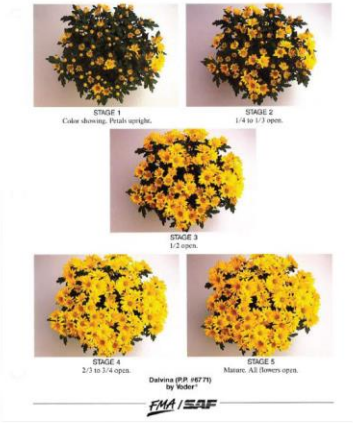
iUNU

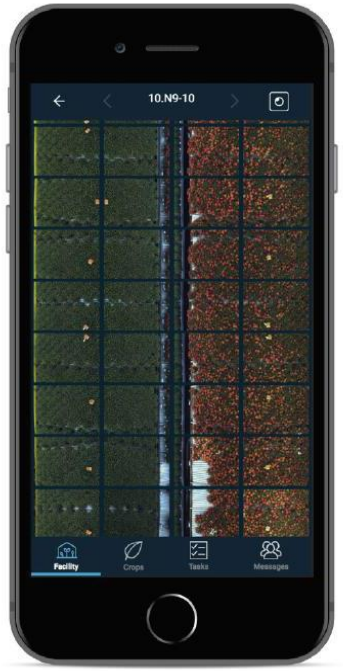
Time travel & crop identification

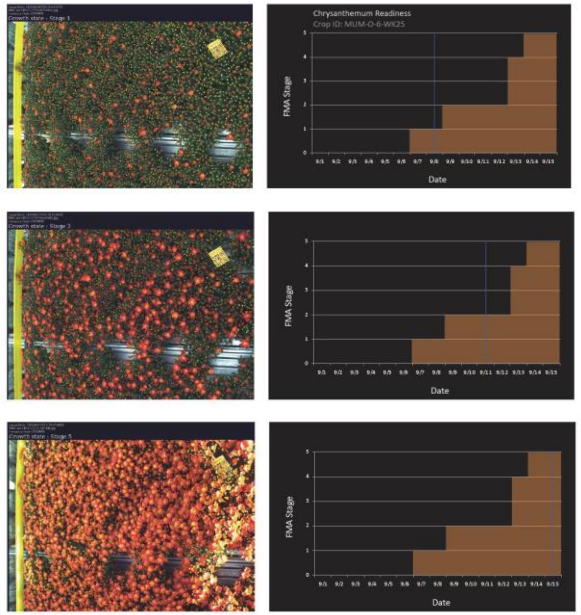


Crop readiness tracking & forecasting

LUNA works closely with your production team to establish custom readiness triggers (color and stage) per variety throughout your facility.





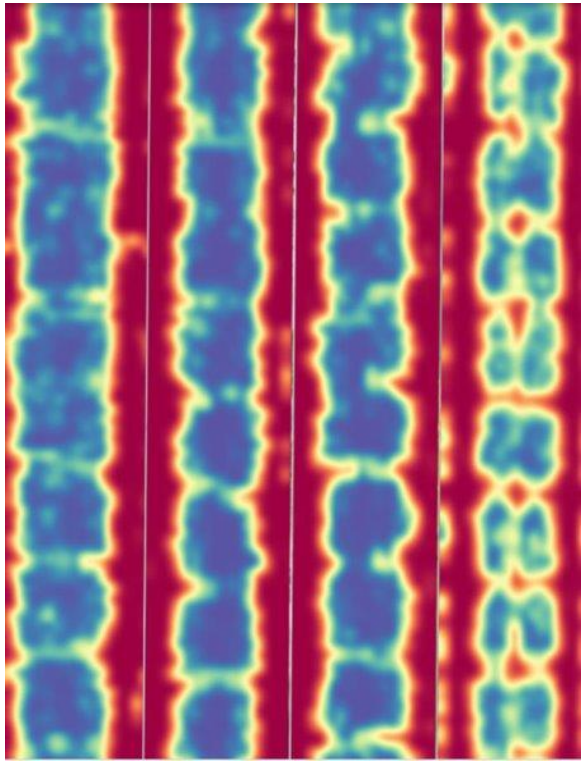


Automated inventory tracking & historical logs

From your Crop View, click on an inventory item and be taken to the most recent image.

View detailed crop information per sku.

Space utilization analysis

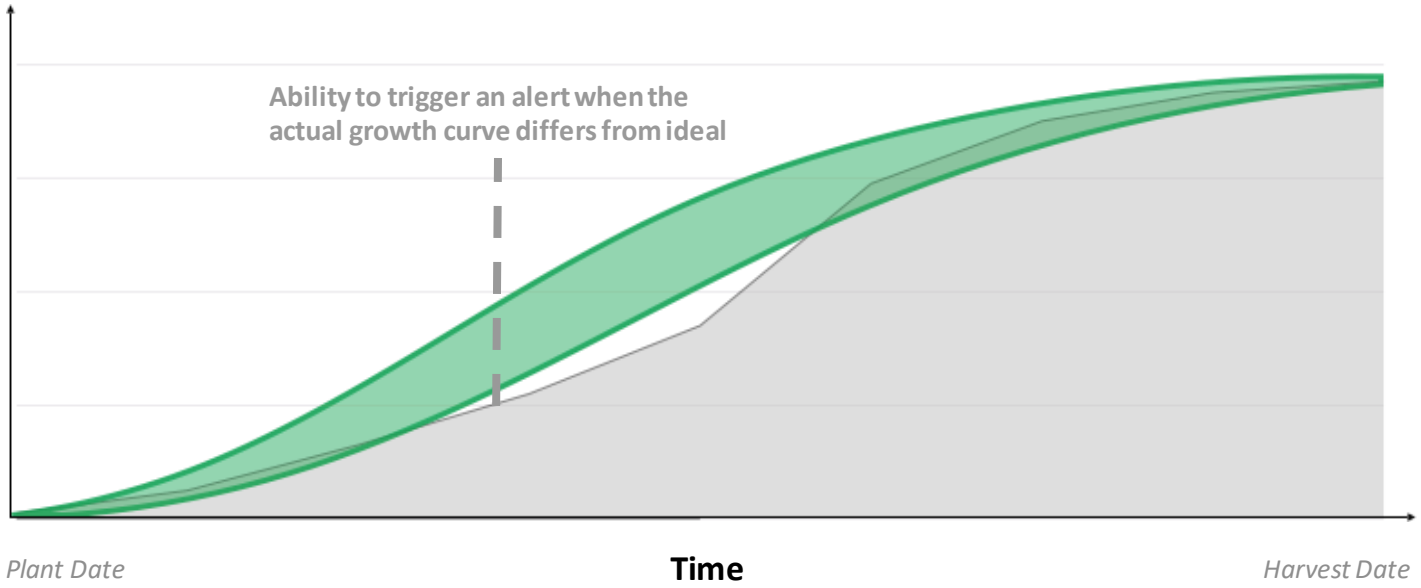


Immediate plant health decisions

Growth Metrics

examples:

- *foliage growth*
- *flower size*
- *flower count*



The difference in a crop's growth, and the ability to 'correct' negative variance is valuable across all plant types

Different species have distinct 'phases' matched to horticultural practices.

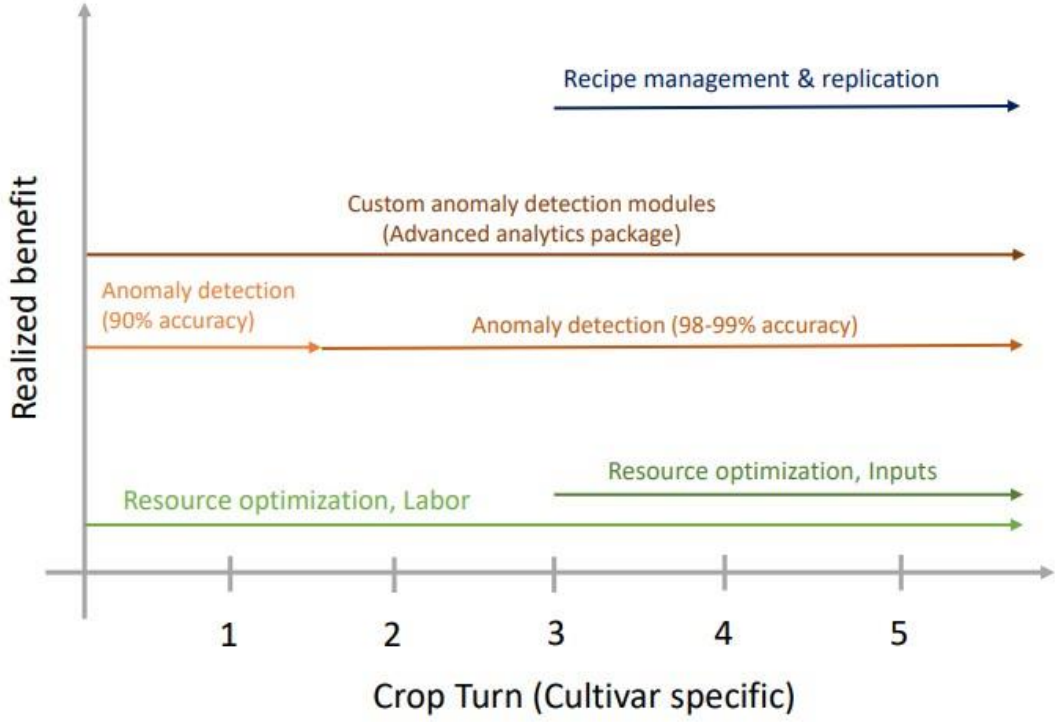
The ability to more accurately know when and how productive a harvest will be is immensely valuable

iUNU

Customer benefit timeline with LUNA

Luna Customer Benefit Timeline

High-level of engagement



Desired Project Outcomes -

1. Increase rev / SF / year
    1. Maximize quality & quantity of raw biomass
    2. Minimize inputs/resources/time per plant
2. Establish SOPs based off best POPs for repeatable recipes, consistent results, and retention/validation of grower's knowledge
3. Minimize loss with anomaly detection
    1. Core package – chlorosis, necrosis, physical leaf damage, leaf curling detection
    2. Advanced package – viral, fungal infection & pest detection; germ or take rate, readiness or yield forecasts (bud count, size)

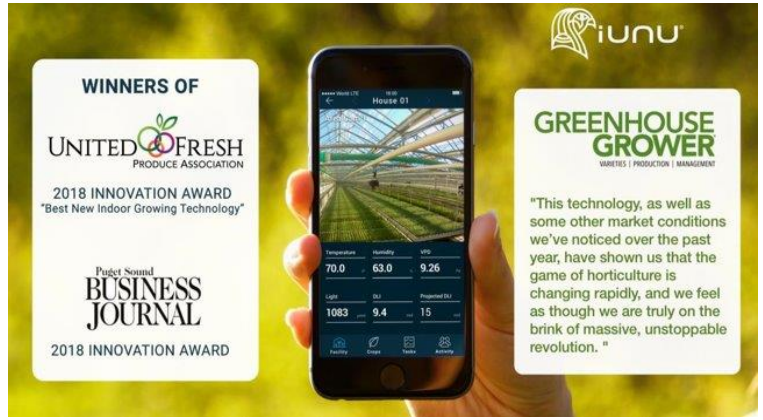
Company overview

Offices in the US & Canada

Founded in 2013, iUNU ("you knew") is an industrial computer vision company headquartered in Seattle, with offices in San Francisco. Connecting plants, facilities, and people through a single interface, LUNA turns commercial greenhouses into precise, predictable, demand-based manufacturers. An AI born in the heart of Seattle; trained in Silicon Valley and the greenhouses of Skagit Valley; and now accessible from everywhere.

FEATURED ON

AgFUNDER · GeekWire · TechCrunch · CNBC · Greenhouse Management · Xconomy · CompanyWeek · GROWERTALKS · GREENHOUSE GROWER · AgriTech Tomorrow · hortidaily · PRECISIONAg



GREENHOUSE GROWER MEDAL OF EXCELLENCE TECHNOLOGY OF THE YEAR

iUNU

LUNA BY IUNU

LUNA Makes Autonomous Greenhouses Possible

LUNA technology hands you the grower tools to let you travel through time, see your facility with computer vision and use indoor inventory tracking to monitor thousands of plants at once. In the greenhouse, at your desk, or on the road, see real time imagery for every plant in your facility. It's like google earth indoors. We watch every inch of your greenhouse for problems and then help you find the solutions.

iUNU