

GrowDirector

**INTELLIGENT CLIMATE CONTROL
SYSTEM FOR INDOOR AND
GREENHOUSE HORTICULTURE.**

Powered By AI (Machine Learning).

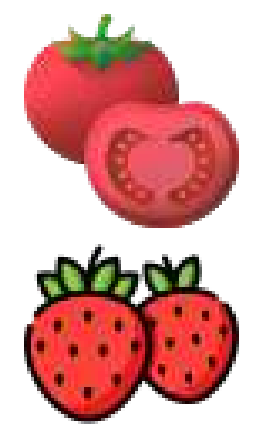
PROJECT PORTFOLIO:

**EVERYTHING YOU NEED TO
AUTOMATE YOUR CROP CULTIVATION.**

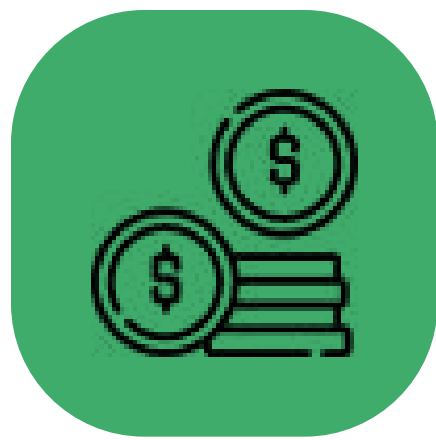




Let the **numbers** do the talking



Decrease consumption, reduce your costs by up to 53% on average

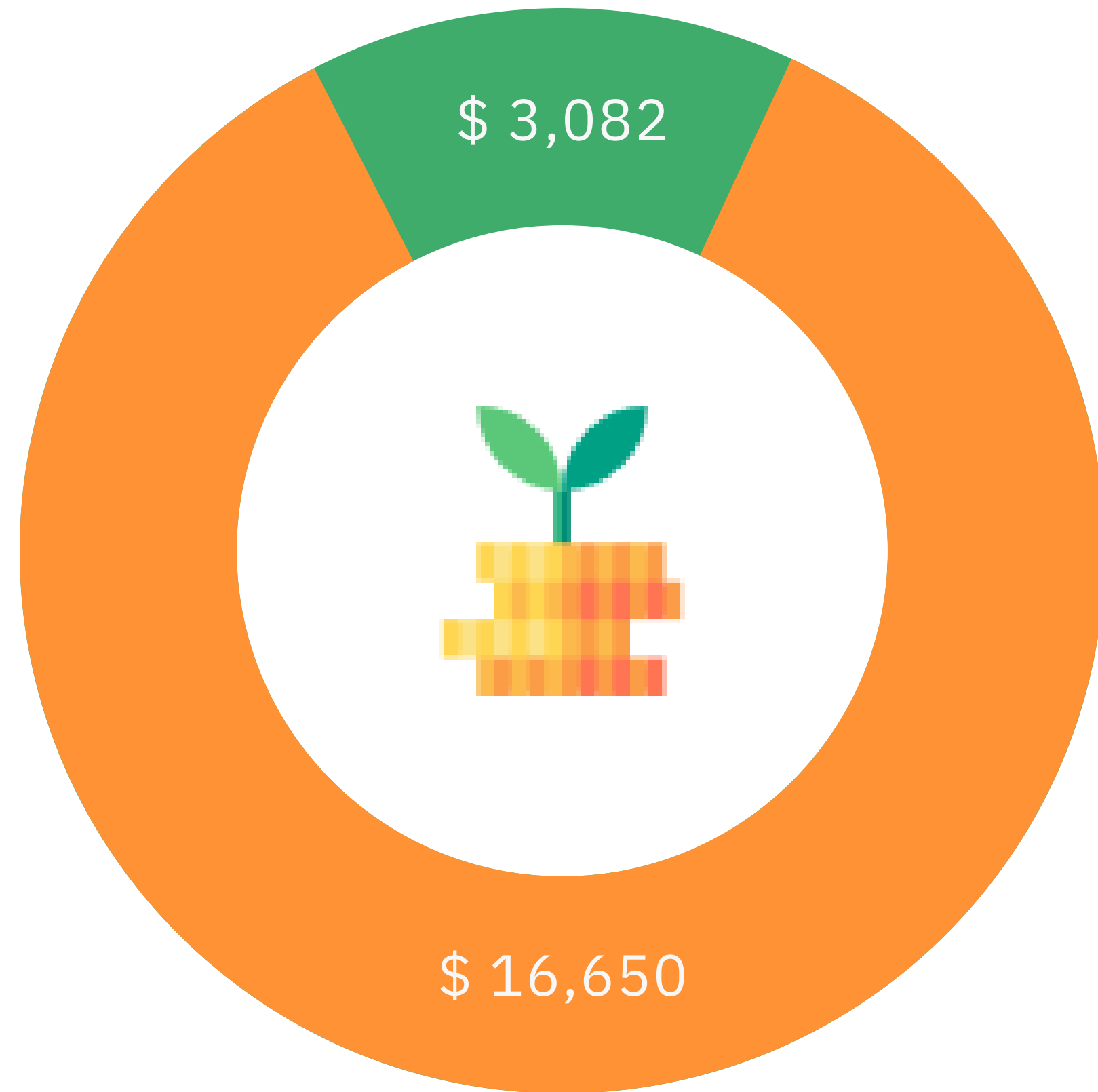


31%
ROI

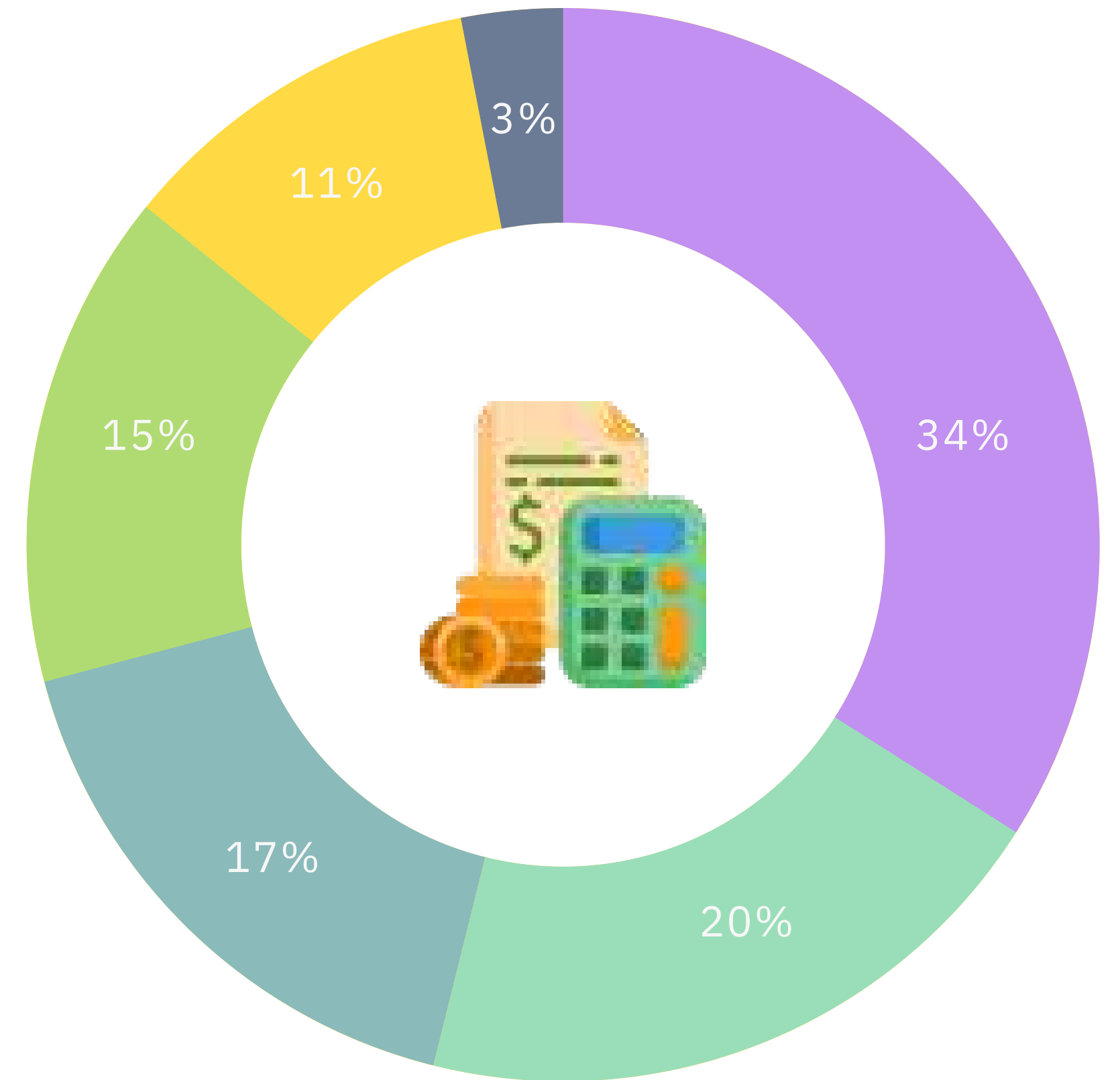


< 14

weeks payback



- One time investment in GrowDirector 3 PRO, USD
- Cost of growing per 1,000 sqm per cycle, USD



- Cost of labor, %
- Cost of water, %
- Cost of fertilizers, %
- Cost of plants, %
- Cost of electricity, %
- Other costs, %

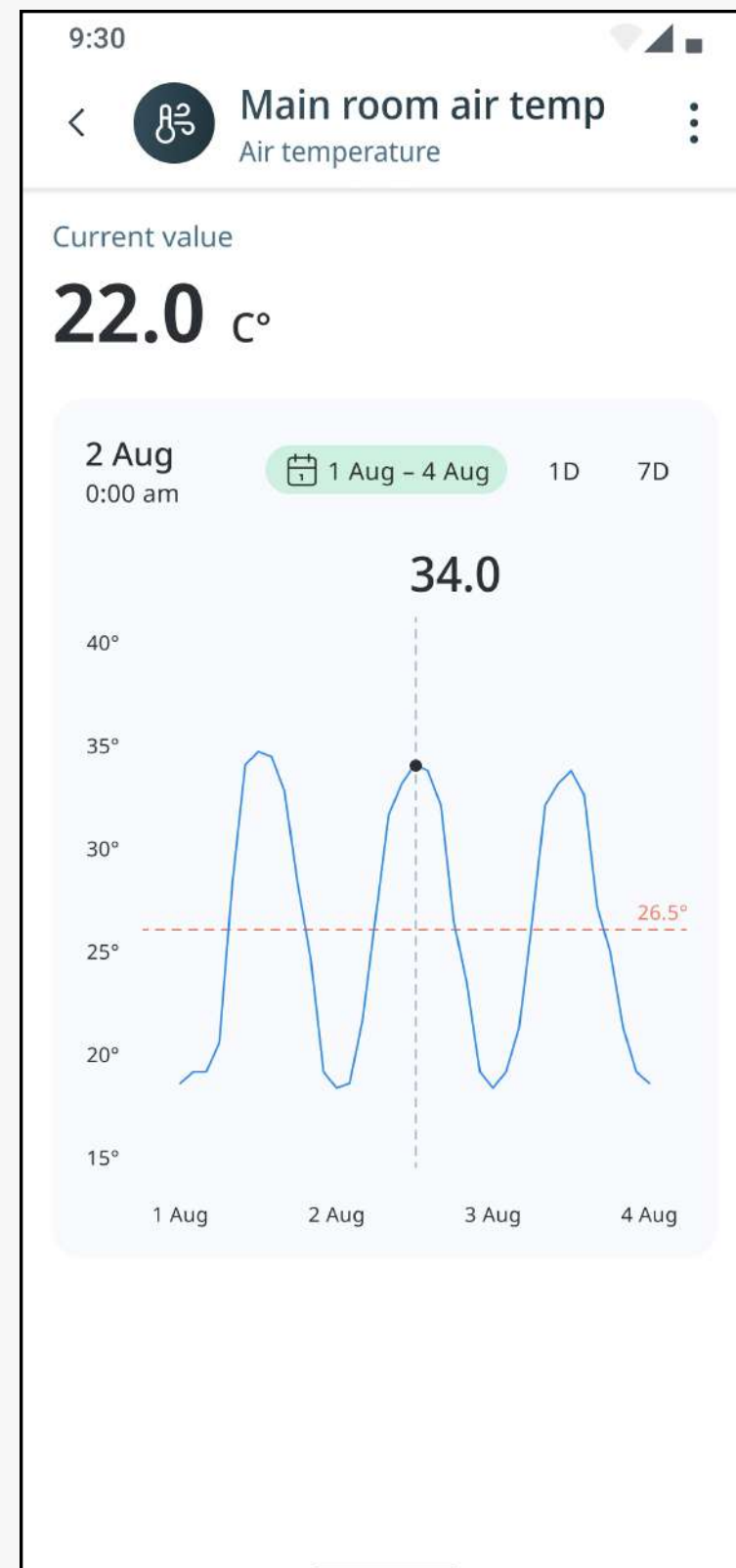
*all calculations are based on the Israeli benchmark market data as per 2023

This is what **you** will get

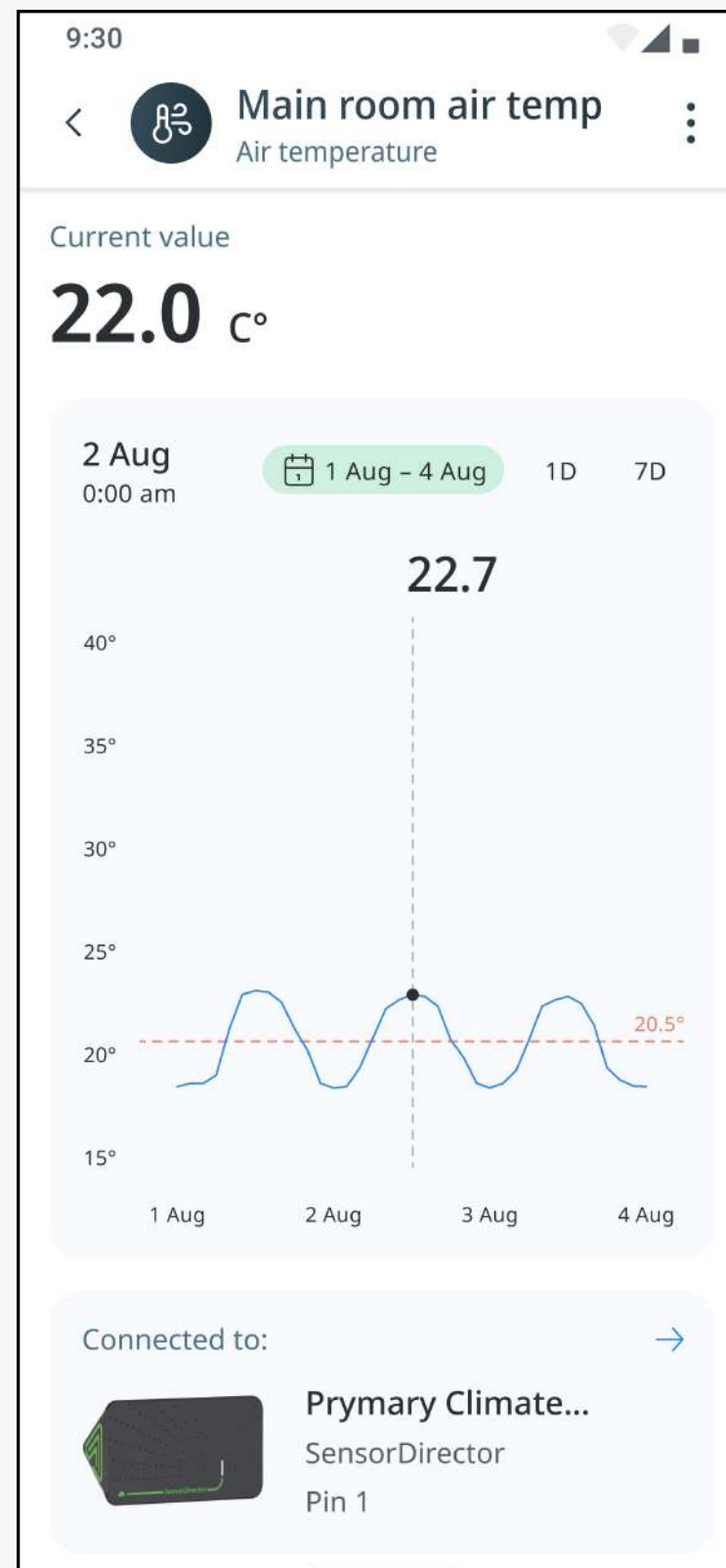
Enjoying seamless control, while having a nice cup of coffee

Air Temperature

Before



After

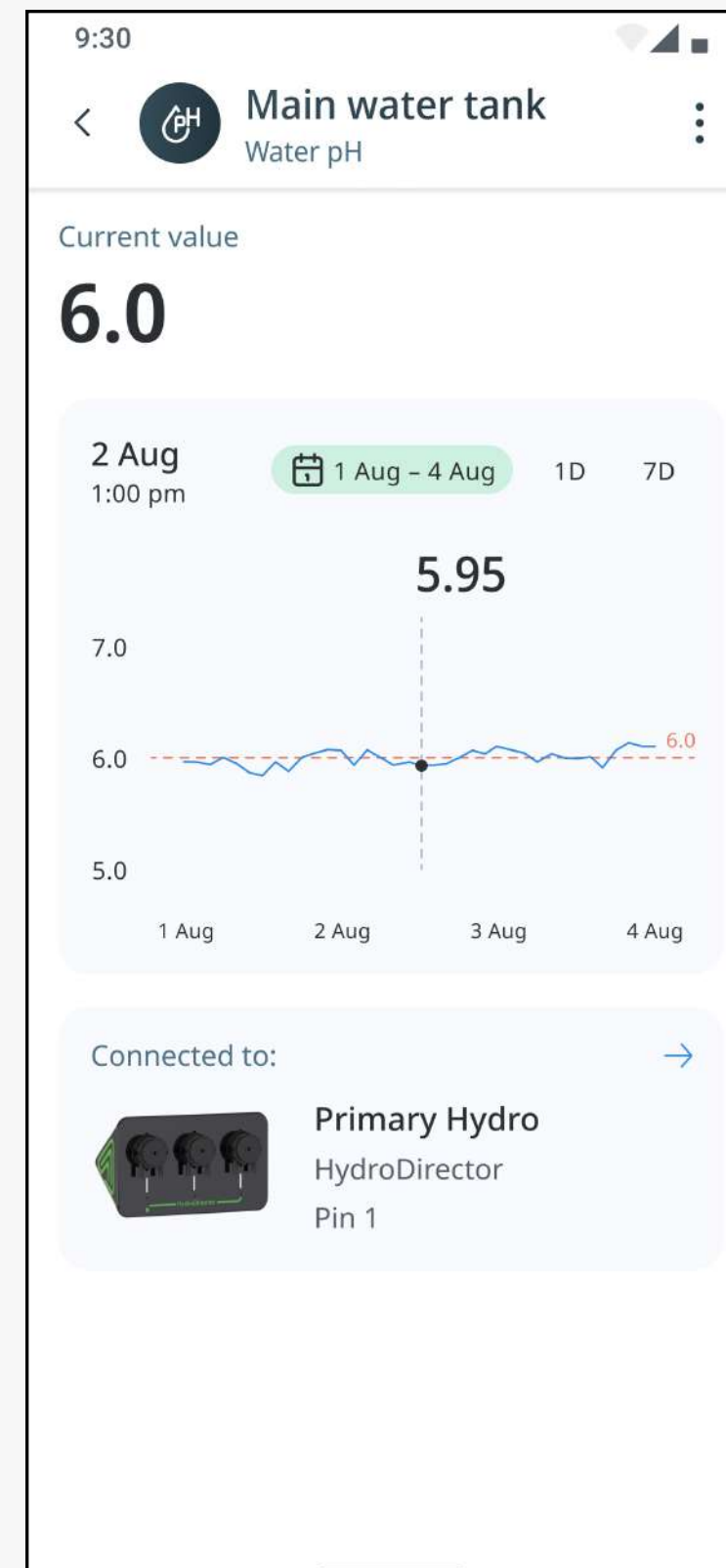


Water pH

Before

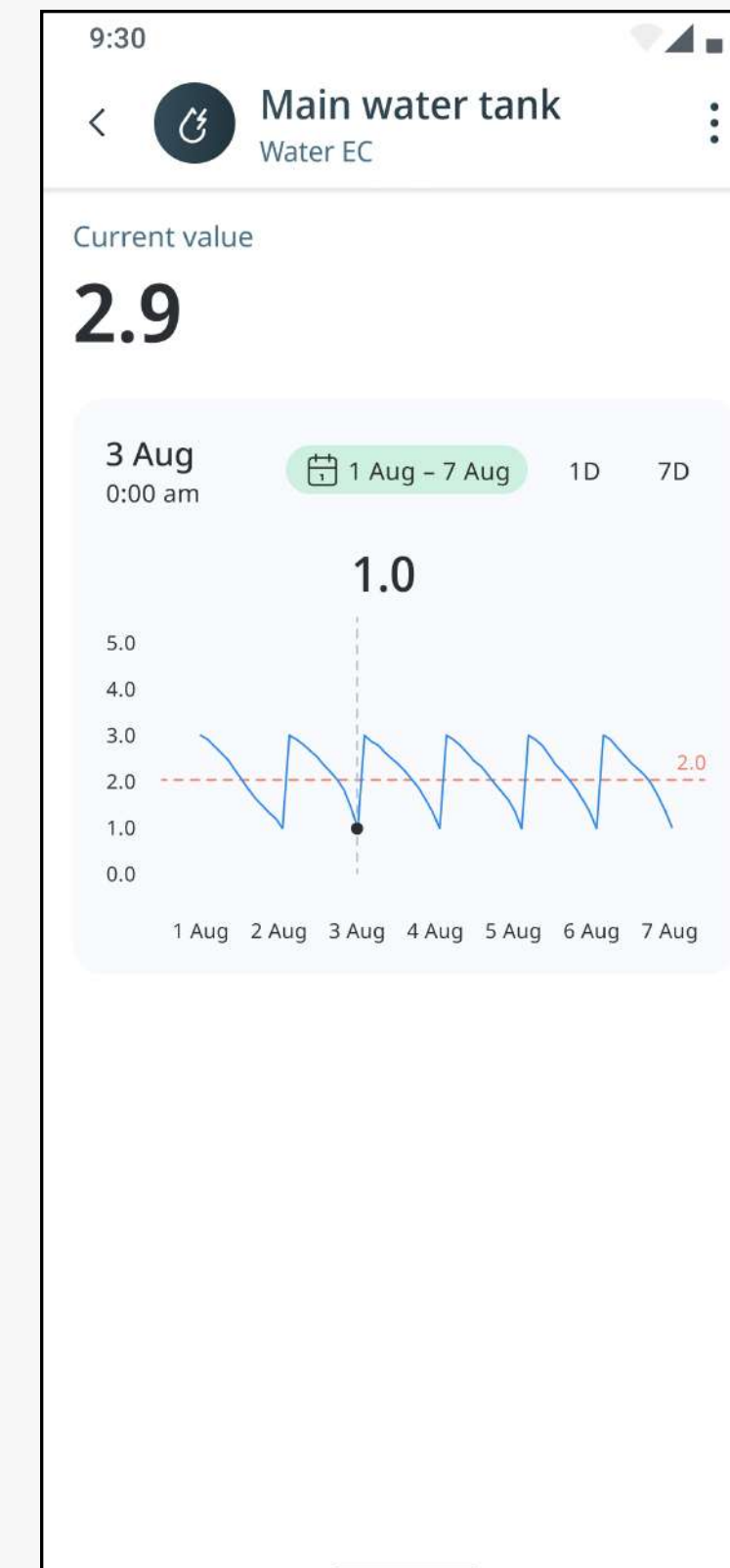


After

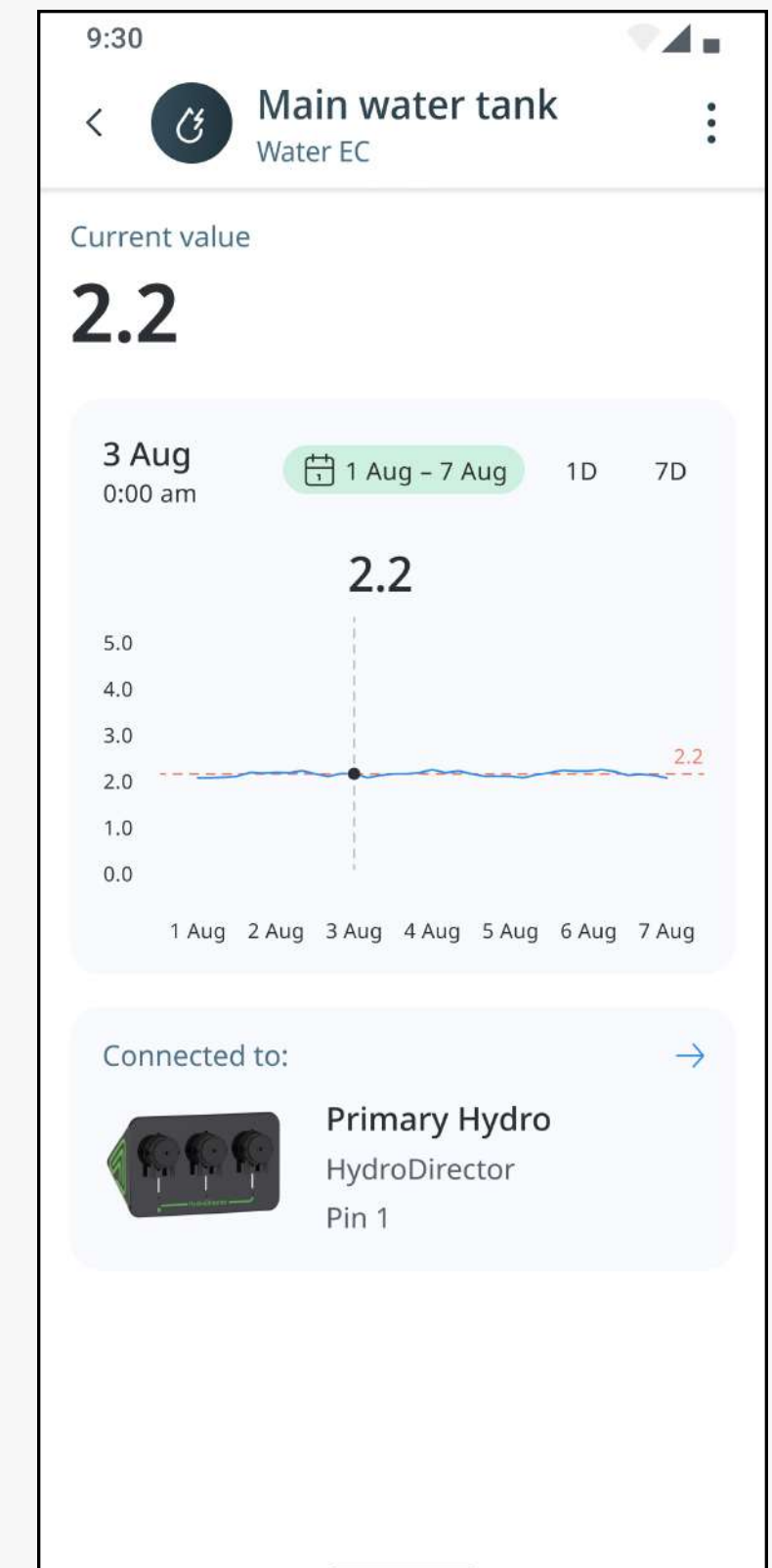


Water EC

Before



After



Project Information

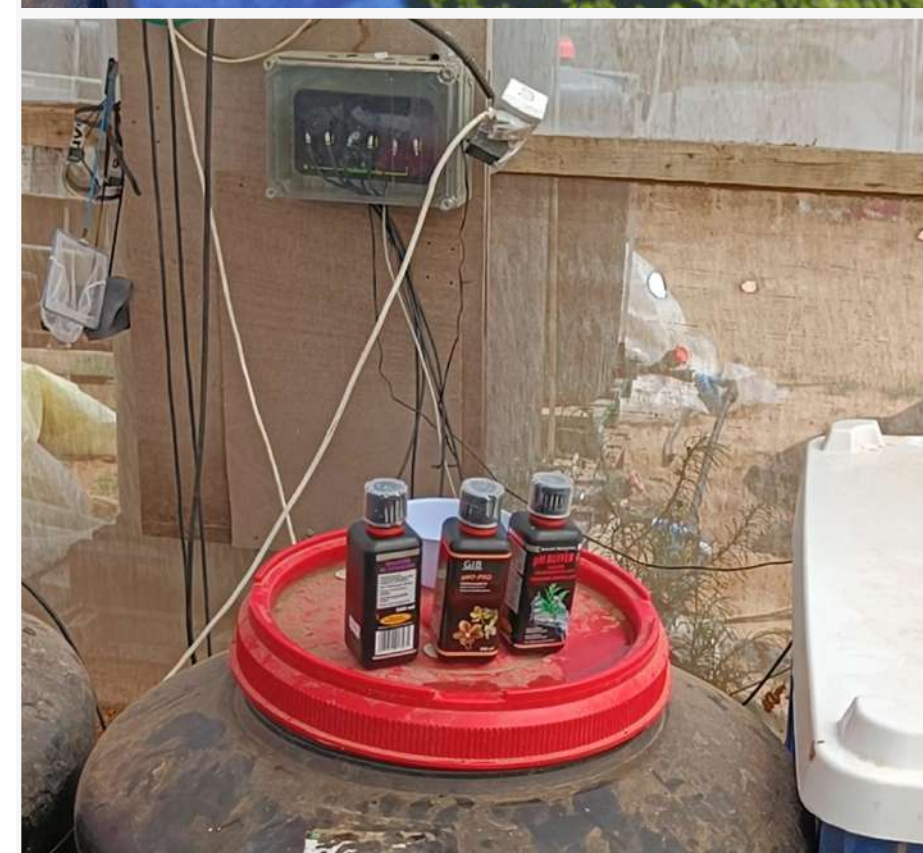
- 📍 Customer Location: Israel
- 🏠 Facility: net greenhouse, 5,000 sqm
- 🌱 Method of Cultivation: DWC
- 🌿 Type of Crop: duckweeds in 180 water reservoirs

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen

Grow Director's Solution & Result

- 👤 Installed water management and automation system ensured perfect water quality and balance by controlling levels of pH, EC, DO and water temperature
Manual operations have been reduced by 90%



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: closed plastic greenhouse, 4,500 sqm
- 🌱 Method of Cultivation: DWC
- 🌿 Type of Crop: lettuce - 300,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen, no control over the greenhouse inside climate

Grow Director's Solution & Result

- 👤 The entire greenhouse was automated by connecting all the equipment and sensors under one roof of the GrowDirector 3 PRO system
Labor costs have been reduced by 2/3



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: net greenhouse, 3,000 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: multi crops - 150,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen

Grow Director's Solution & Result

- 👤 Installed water management and automation system ensured perfect water quality and balance by controlling levels of pH, EC, DO and water temperature
- Labor costs have been reduced by 50%



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: closed plastic greenhouse, 2,000 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: lettuce - 100,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen

Grow Director's Solution & Result

- 👤 Installed water management and automation system ensured perfect water quality and balance by controlling levels of pH, EC, DO and water temperature
Labor costs have been reduced by 3/4



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: net greenhouse, 1,000 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: lettuce - 50,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen, no control over the greenhouse inside climate

Grow Director's Solution & Result

- 🤖 The entire greenhouse was automated by connecting all the equipment and sensors under one roof of the GrowDirector 3 PRO system
Manual operations have been reduced by 50%



Project Information

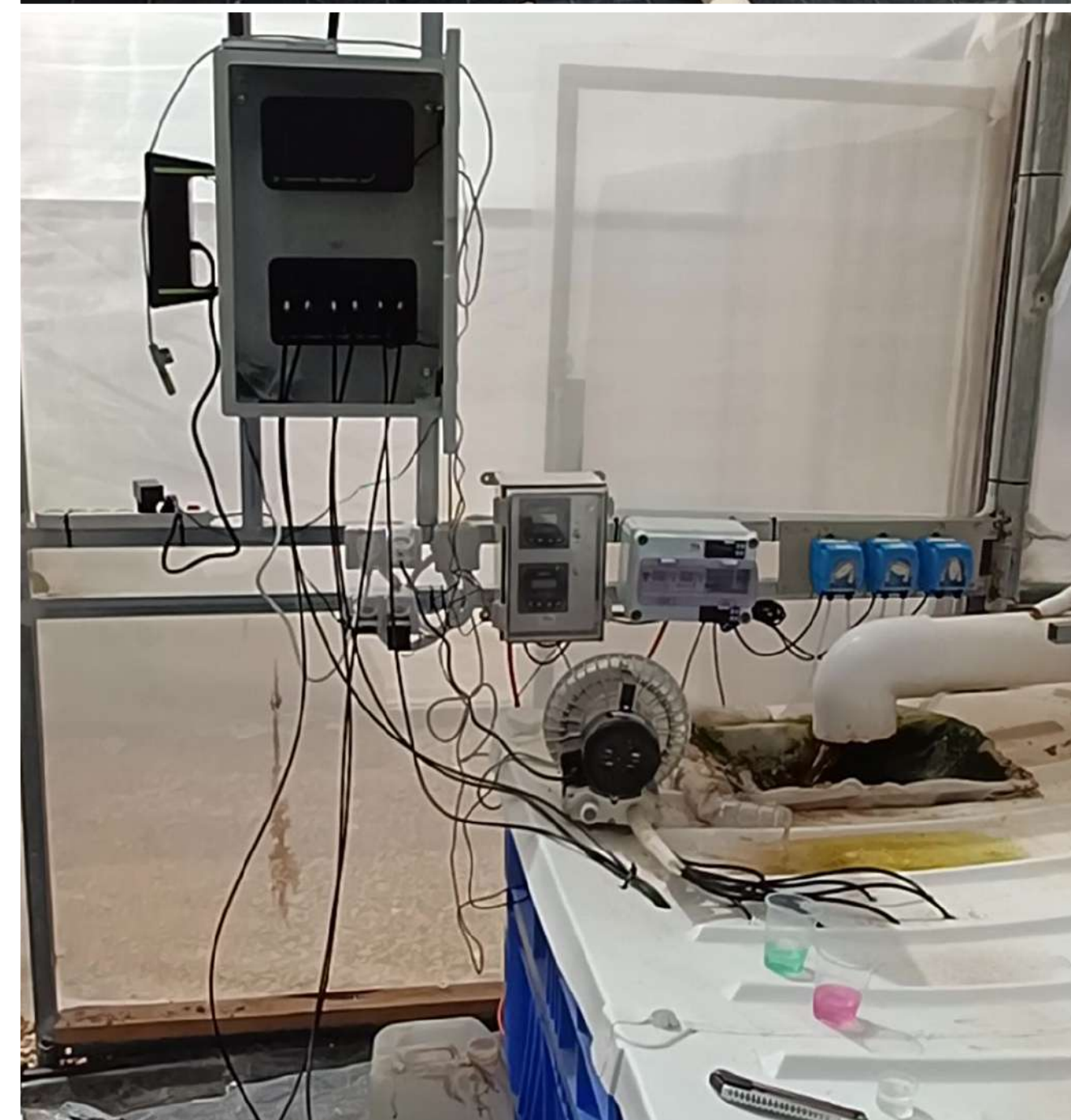
- 📍 Customer Location: Israel
- 🏠 Facility: net greenhouse, 1,000 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: multi crops - 75,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen, no control over the greenhouse inside climate

Grow Director's Solution & Result

- 👤 The entire greenhouse was automated by connecting all the equipment and sensors under one roof of the GrowDirector 3 PRO system
Manual operations have been reduced by 50%



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: net greenhouse, 1,000 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: lettuce - 50,000 heads / month

Client's Problem

- 🔧 No control over water stability, including fertilizers, pH and dissolved oxygen, no control over the greenhouse inside climate

Grow Director's Solution & Result

- 👤 The entire greenhouse was automated by connecting all the equipment and sensors under one roof of the GrowDirector 3 PRO system
Manual operations have been reduced by 50%



Project Information

- 📍 Customer Location: Malaysia
- 🏠 Facility: net greenhouse, 1,000 sqm
- 🌱 Method of Cultivation: coconut coir
- 🌿 Type of Crop: melons - 6,000 plants / year

Client's Problem

- 🔧 No control over soil moisture, temperature and humidity

Grow Director's Solution & Result

- 👉 Installed automation and remote control system ensured stable climate parameters during severe weather conditions in summer



Project Information

- 📍 Customer Location: USA
- 🏠 Facility: 40-ft. container
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: lettuce

Client's Problem

- 🔧 No control over water circulation and chemical water stability, no control over light, temperature and humidity, unstable connection in remote area

Grow Director's Solution & Result

- 👤 Installed automation and remote control system ensured stable access with 24/7 control & monitoring just by 1 employee from his phone



Project Information

- 📍 Customer Location: Israel
- 🏠 Facility: R&D center, 300 sqm
- 🌱 Method of Cultivation: NFT
- 🌿 Type of Crop: leafy greens

Client's Problem

- 🔧 No control over water circulation and chemical water stability, no control over temperature and humidity

Grow Director's Solution & Result

- 👤 Installed automation and remote control system ensured 24/7 control & monitoring just by 1 employee from his phone





Partners who trust us



Media & Associations





Join the growing number of growers around the world adding intelligence and automation to their greenhouse operations with the **smart modules, advanced sensors** and **AI-driven software**.


Save time, lower your costs and watch your yields increase.

This is the promise of intelligence that **GrowDirector 3 PRO** offers.

Contacts: _____

 contact@growdirector.com

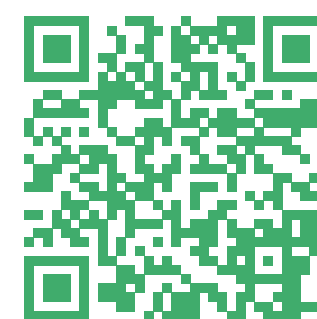
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How it all works



A look at the tech

Check out our prices. Visit our website.

www.growdirector.com