

# AUTOMATION EXPERTS for CONTROLLED ENVIRONMENT AGRICULTURE

## ENVIRONMENT CONTROL

- ▶ Lighting & HVAC Integration
- ▶ Greenhouse Controls
- ▶ CEA Focused Software Tools

## FERTIGATION

- ▶ Direct Injection & Batch Systems
- ▶ Day Storage, NFT, & Water Mgmnt
- ▶ Custom Designs & Programming

## RHYTHM ANALYTICS

- ▶ Fertigation Reports & Costs
- ▶ Trends for Environment Sensors
- ▶ Intuitive Web-Based Platform

## Smart farm control designed by experts

Rhythm proudly offers a suite of automated control solutions to revolutionize the way crops are grown by harnessing the power of technology to create sustainable, high-yield greenhouse and indoor farming systems. We strive to adapt and grow with new technological developments and data driven process improvements with the goal of learning new crops, addressing new challenges, and driving increased CEA facility profitability and efficiency.

## FULLY INTEGRATED FACILITY CONTROL



HVAC



HUMIDIFIER  
DEHUMIDIFIER



FANS  
EXHAUST



IRRIGATION



LIGHTS  
CURTAINS



CO<sub>2</sub>



NUTRIENTS



WATER  
TREATMENT

## EXPERIENCE THE DIFFERENCE

Rhythm is a company that prioritizes customer support. From facility construction to the final harvest, our support team is there to help ensure your success.

- ▶ Designing, Planning & Consulting
- ▶ Project Mgmnt & Coordination
- ▶ Premium & Personalized support
- ▶ Onsite Startup & Commissioning



## Integration is our expertise

Connecting your entire facility's devices is our specialty. Our experts focus on systems integration, custom software & data solutions, UL Listed customizable controllers, and management of equipment like HVAC, Lights, and Fertigation to provide seamless control from a central point of command.

## Bring everything together with our Advanced Software & Rhythm Analytics

With Rhythm's intuitive software for fertigation, environmental control, and data analytics, you can have a centralized control center for your entire operation. Complex scheduling is made easy with our Recipe Management tools. Control irrigation & nutrients, manage water treatment & storage, view reports & data trends, and more with Rhythm.



*A custom watering room by Rhythm*



### EQUIPMENT CONTROL

- ▶ Modular control of LED dimmability & spectrum
- ▶ Simplified scheduling tools
- ▶ VPD & DLI monitoring and controls
- ▶ HVAC integration

### INTEGRATED SOFTWARE

- ▶ Remote accessibility
- ▶ Set schedules for up to 15 weeks in advance
- ▶ Set multiple daily temperature, humidity and CO<sub>2</sub> setpoints
- ▶ Activate/deactivate sensors and set offsets
- ▶ Customizable alerts via email or text

## Design your own custom solution

Rhythm offers several off-the-shelf solutions but understands that not all these solutions fit your needs. If you are looking for something unique, we offer fully customizable control solutions that are designed to integrate seamlessly with your existing systems and processes. If you're tired of off-the-shelf, let Rhythm bring your ideal system to life.



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