

# Energy Controls Co.



Office of the future, unique wireless controls, cost justified for comfort and energy savings.

## Our Opportunity

### Problem worth solving

1. High cost to retrofit pneumatic to DDC control \$2000 2. Wireless thermostats are too expensive and are limited with today's technology 3. Office desks are unoccupied 50% of the time wasting billions in energy and uncomfortable conditions.

### Target market

1. Commercial Facilities
2. Industrial
3. Residential

### Our solution

1. ecWizard-P100 \$500 w/100% of the energy savings and improve comfort. 2. ecWizard-E100 1/2 the price 10 times smarter. 3. ecDeskSensorSystem shut off HVAC, Lighting and plug loads when not required or unoccupied.

Competitors	How our solution is better
Control Manufactures	Patented & unique wireless devices
Control Manufacturer	1/4 of cost w/100% energy savings
Control Manufacturer	ecWizard-E100 Lower price & 10 X Smarter
Control Manufacturer	ecDeskSensorSys. Lower price & comfort

### Funding needed

\$ **150K**

Loan: Development, beta-testing and start marketing. 55% Equity partner. Patent and two patent pending's offer collateral.

## Sales and Marketing

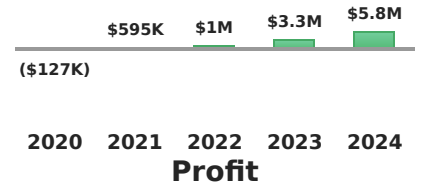
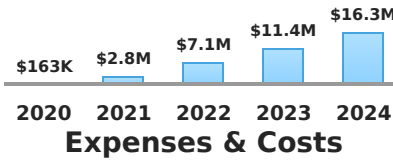
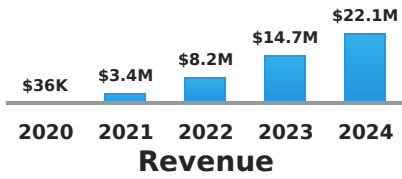
### Sales channels

1. 12 OEM/Alliance Contractors w/ licensing
2. Direct sales to building owners
3. Website sales contractor/end-users
4. Independent Reps
5. Licensing AGMT to Control Manufactures

### Marketing activities

Our 12 OEM ecAlliance (Licensed Agreements) control contractors will create natural advertising through the Internet, Twitter etc. Inexpensive advertising through online building associations and industry trade publications. Independent reps.

# Financial Projections



# Milestones



**Start development of ecWizard P100**

*Jun 3, 2019*



**Start development of ecWizard E100**

*Jul 1, 2019*



**ecWizard-P100 prototype completion**

*Aug 1, 2019*



**Beta-test ecWizard-P100 in facility**

*Sep 2, 2019*



**Second beta-test facility**

*Sep 2, 2019*

# Team and Key Roles



**George Fincher**

Inventor

Designer, inventor and visionary of a complete line of wireless controls for the commercial, industrial and residential industries.



**Nathan Mulder**

President

Open Control Systems is your open source solution to Building Automation, Security, and Energy Solutions. Serving Nevada, California, & Idah

## Partners and Resources



### Solidyne Controls, LLC

Solidyne is a design engineering, manufacturing, and marketing company, specializing in Browser based Direct Digital Control systems.



### Link Labs

Link Labs is a leading innovator in low-power, wide-area network technologies that power the Internet of Things (IoT).



### Infinite Automation Systems, Inc.

IAS expertise in IIoT, SCADA / HMI software design and development. As a platform, Mango provides a robust foundation for custom application



### WiSilica, Inc

A smart environment IOT platform and solutions provider that bridges objects, locations, and people in real time.



### Breadware

To empower the next wave of internet innovation by being a trusted resource focused on simplification, information, and inspiration



### Desert Research Institute

World leader in investigating the effects of natural and human-induced environmental change and advancing technologies.



### Alexa Fund

The Alexa Fund provides up to \$100 million in venture capital funding to fuel voice technology innovation for developers.