

ICONIA CORPORATION

HARDWARE

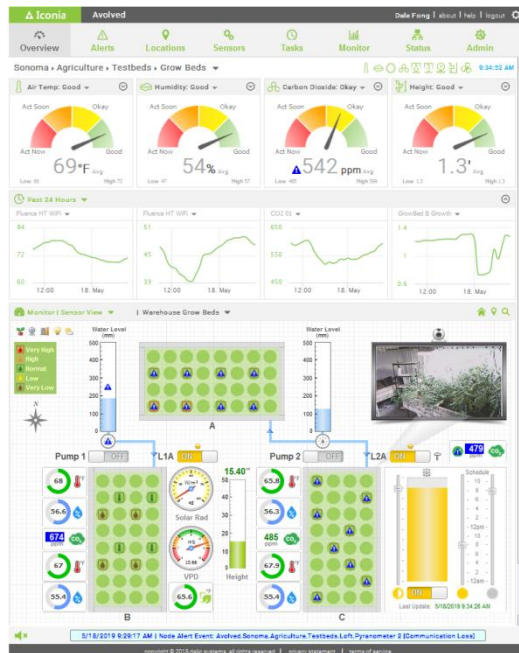
Our list of sensors is constantly expanding to support a wide variety of applications. Our control modules support most common types of industrial and commercial control standards.

SOFTWARE

Our software has been developed over several years to handle the most feature rich and demanding monitoring, control and data analysis applications.

COMMUNICATIONS

By supporting multiple communication technologies, our sensors can be deployed in both high density and remote environments, even where access to electrical power is limited.



- **Mark Covaro**
30+ years, computing, networking, smart lighting
Cray Research, Cisco, co-founder of Redwood Systems
20+ US Patents
BSEE, Texas A&M
- **Dale Fong**
30+ years, software architecture and system development
PG&E, Adura Technologies, co-founder of Silicon Energy
4 US Patents
BSEE, Cornell University

Iconia Corp. is a product development and consulting company located in Sonoma, California. Our expertise covers the gamut from hardware to software, with a specific emphasis on sensing and control. We have developed a fully-functional and feature laden system of sensors, communication technologies and software that is customizable and adaptable. As such, the technology is currently licensed on an OEM basis and is supported through additional services and recurring subscription-based revenue. At the core of our system architecture is the innate ability to easily extend both the software functionality and hardware componentry to expand the range of applications for which our system can be applied. Over time, we have leveraged this architecture and evolved the functionality to where we think it is now unparalleled for its price.

By so doing, our platform is now able to encroach into application areas that are still currently the domain of traditionally expensive hardware, software and services. As a testament to this, most of our current clientele have found their way to our platform after struggling to support their application economically through these same traditional means and vendors. In addition, our platform can also be applied now to applications which previously have not been addressed by any vendor due to the high cost of deployment if using traditional norms. We see this as an opportunity to expand our current business beyond our current OEM clientele base and establish completely new markets for our products and services through the right partners and investment.

Platform Features and Benefits

CLOUD BASED

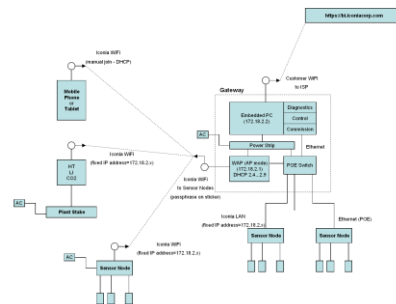
Our entire suite of applications is cloud based. Accessible from any web browser, applications can be optimized for both desktop and mobile. Data in the cloud can be analyzed online going back several years if necessary. All data can also be exported for offline analysis.

FLEXIBLE

Our product suite is modular and offers a multitude of features and functionality. Monitoring and control can be accomplished both locally and remotely with the ability to administer local user-interfaces via the cloud. Live data can be integrated into other platforms through a rich set of REST APIs.

CUSTOMIZE

Custom applications can be developed on top of the platform or by customizing existing applications provided by the platform.



By offering a fully integrated end-to-end solution of hardware, communications and software, you can readily deploy a complete ecosystem of sensors for just about any application without the need to perform complex integrations between various systems. However, if integrations or additional functionality is required, our platform is specifically designed to support data exchanges, both real-time and historical, through Application Programming Interfaces (APIs) at virtually every level of our system architecture.*

Using a distributed architecture, our platform is designed to manage large amounts of data from different sensor types spread across geographically disparate locations, all from a single login.

* All of our APIs are REST-based and accessible via HTTP or HTTPS. This allows integrations between various systems using any OS or programming language from any location. APIs are available directly to our sensors, to onsite gateways or to our cloud servers. APIs to our cloud server are bi-directional which allows for post-processing of data which can be piped back into the system to make use of our data management, automation and analysis capabilities.

Customers

- **A carbon dioxide delivery company:** Our platform monitors and controls the optimal delivery of CO2 to greenhouses and outdoor hoop houses based on several environmental factors provided by our sensors.
- **A municipal water district:** Our platform monitors and alerts on abnormal remote water tank level heights to avoid costly repairs due to malfunctioning well pumps.
- **A large university:** Our platform uses machine learning combined with data from infrared grid sensors to determine occupancy and space utilization in various locations.
- **A consumer product delivery service:** Our platform automates the inventory of consumer electronic goods as they travel between distribution warehouses to mobile delivery vehicles to consumers.

APPLICATIONS

- Remote Monitoring and Control
- Process Automation
- Big Data and Machine Learning
- Data Analytics and Visualization
- Forecasting and Optimization
- Internet of Things

