



# Corporate Campus Expansion, College Park, GA

## IQ4 Central Control & Smart Valve Technology Team Up for a Complete Rebuild of 183 Zones

The campus of a local corporate headquarters includes walking paths and landscaped gardens that feature hundreds of varieties of plants. As the campus has expanded, so has the irrigation system. Gibbs Landscape has recently taken over day-to-day operations and irrigation maintenance and would like to completely redo the grounds.

### THE CHALLENGE:

The current two-wire system has reached maximum station capacity. With the upcoming expansion, Gibbs Landscaping wants to improve the overall water pressure and remote water management experience for a scalable overhaul using entirely Rain Bird based systems.

“ Rain Bird went to the next level with the IVM. The controller will now tell you that zone 14 is shorting out. And because the decoder and valve are all-in-one, you can map the pathways and easily find the issue.

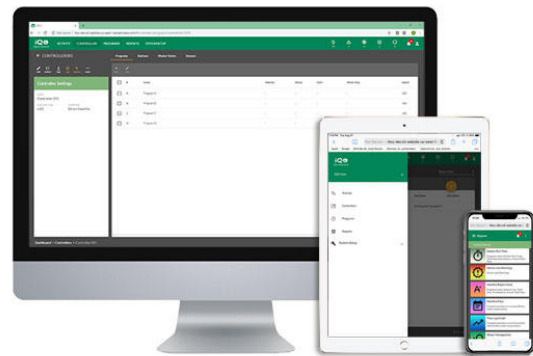
ANDY EVERTS  
IRRIGATION MANAGER, GIBBS LANDSCAPE

### KEY OBJECTIVES

- ✓ Ensure Scalability
- ✓ Quickly Troubleshoot
- ✓ Improve Water Pressure
- ✓ Eliminate Decoders

### THE SOLUTION:

Upgrade to the **ESP-LXIVM Two-Wire Controller with Smart Valve Technology** and combine it with the **IQ4 Central Control** to allow for remote management of up to 240 stations and nine properties.



IQ4 Central Control

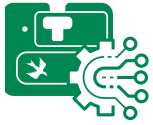
### Related Products:

- ESP-LXIVM Two-Wire Controller with Smart Valve Technology
- R-VAN Rotary Nozzles
- 1800® Series PRS Sprays
- 5000+ Series Rotors



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**Expansion Capacity for  
Up to 240 Stations**



**Improved Water Pressure**



**Complete Pathway  
Mapping Transparency**

“ The new IQ4 format is outstanding. Programming features and the reverse syncing controller program are easy to figure out and maintain. The whole system together definitely delivers a WOW Factor. I put in four two-wire pathways to do multiple areas because the plan is to convert the whole place to Rain Bird. Right now, phase one is 21 zones, then another 42, and will probably cover the other 120 zones to Rain Bird. Gibbs Landscaping will be working on this project for the next ten years.

ANDY EVERTS  
IRRIGATION MANAGER, GIBBS LANDSCAPE



### APPROACH:

## Harness the Power of Cutting Edge Technology

The ESP-LXIVM Two-Wire Controller was chosen for its easy expansion and management capabilities. When paired with IQ4 Central Control, it works seamlessly to enable two-way communication, eliminating the need for decoders. This system can map devices (IVM solenoid or sensors) to the corresponding two-wire path to quickly find and resolve issues.

### RESULTS:

## WOW Factor on a Massive Scale

Gibbs Landscaping was able to level up the current system to handle up to 240 stations. Now, they can easily service and maintain the miles of walking trails and gardens the client is planning on installing. Valves can be located up to 6.61 miles (10.63 km) away from the controller depending on the design.

Management access is now easily shared with Everts' team and the client's grounds manager. With IQ4 Central Control, they can manage multiple controllers and sites, making it easy to modify programming and detect problems right from the office.