



# PGA WEST™ La Quinta, California

## An Oasis in the Desert Made Possible with Highly Efficient Irrigation & Management

PGA WEST Fairways Association is one of three HOA's which make up PGA WEST. The Fairways Association is a gated community comprised of more than 950 homes and expansive common area grounds—adjacent to the world famous PGA WEST golf courses.

### THE CHALLENGE:

Local contractor, Vintage Landscape, manages 9 properties and over 200 controllers within PGA West. They find that water is often wasted due to overspray and runoff and that identifying and diagnosing problems in the field is both time-consuming and labor-intensive. Problems that aren't addressed quickly can cause severe water damage and plant loss. Vintage Landscape was in dire need of an irrigation system that provided better visibility and efficiency.



### THE SOLUTION:

Vintage Landscape decided to renovate the system and install **over 80 Rain Bird ESP-LXMEF controllers** throughout the PGA WEST community. The company chose IQ4 Central Control for remote management of system operations. IQ4 and the ESP-LXMEF controllers qualified for the Coachella Valley Water District smart irrigation controller rebate program, **which awarded the HOA over \$100,000 in rebates**. XFD dripline and the R-VAN Rotary Nozzle paired with pressure regulating 1800® Spray Heads provide water-efficient solutions to irrigate the community's landscape.

### Related Products:

- IQ4 Central Control with 4G Cellular Cartridge
- ESP-LXMEF Series Controllers
- PEB Series Valves
- 1804-SAM-PRS-45 Spray Heads
- R-VAN Rotary Nozzles
- XFD Series Dripline
- Control Zone Kits

### KEY OBJECTIVES

- ✓ **Overcome Labor & Time Constraints**
- ✓ **Reduce Water Use**
- ✓ **Manage a Large Property**



## Site Report: **PGA WEST™ Fairways, La Quinta, California**

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“ We love that IQ4 enables troubleshooting from the office and phone. The irrigation techs can pinpoint the problem and use IQ4 on their phones to turn the system off and on, without having to go back and forth between the controllers. It’s a big time saver.

**GIL MEJORADO**  
IRRIGATION MANAGER, VINTAGE LANDSCAPE

### RESULTS:

#### Save Water, Time & Money

- A lush, thriving landscape that uses less water
- Labor savings and higher customer satisfaction
- Remote management helps contractors win more HOA business
- HOA received over \$100,000 in rebates from local water provider



### APPROACH:

#### Identify Problems Faster

- Use IQ4 to remotely access programs on over 80 ESP-LXME controllers from a computer or mobile device connected to the internet.
- Use IQ4’s real-time reports to alert the irrigation manager of system performance and provide the ability to shut off the system or zones from the office.

#### Achieve Water Efficiency

- Harness the power of automatic seasonal adjustments to irrigation schedules to help PGA West use water responsibly in a desert environment.
- Install XFD Dripline, R-VAN Rotary Nozzles and 1800® Spray Heads with check-valve and pressure regulation to reduce water use and comply with local watering ordinances.
  - XFD pinpoints water at the root zone and eliminates water waste due to overspray and runoff.
  - R-VANs thicker streams and larger water droplets cut through the wind and keep water in the target zone.
  - 45 psi pressure regulating spray optimizes nozzle performance.
  - Regulating pressure reduces water usage and increases the longevity of irrigation components.

#### Enable Remote Water Management

- Give the contractor the capacity to batch edit irrigation programs, station runtimes and manually operate the system from the office.
- IQ4 Provides additional oversight through water usage reports and remote monitoring capabilities.