



# Parc Mauresque, Arcachon, France

## Community Park Simplifies Maintenance with Rain Bird® Smart Valve Technology

Parc Mauresque is a peaceful community park in Arcachon, a seaside town in France's Bordeaux region. The park features more than four hectares of green space, including rare and exotic plants, 100-year-old trees, and 600 rose bushes. Locals enjoy the park's bandstand, open air theater, playgrounds, and vast natural areas with views of the Atlantic.

### THE CHALLENGE

Park officials are happy with their existing Rain Bird® irrigation system, but it's time for an upgrade. Whenever there is an issue, maintenance personnel must guess where the problem lies—with the decoders, wiring, or something else. They would like an intelligent, technology-forward system that can pinpoint specific maintenance needs and be managed remotely.



ESP-LXIVM 2-Wire Controller  
with Smart Valve Technology

### Core Products Used:

- ESP-LXIVM 2-Wire Controller with Smart Valve Technology
- IQ™ Central Control
- PGA-IVM Series Valves

### THE SOLUTION:

Upgrading the irrigation controller and adding smart valves will meet the park's goals of simplified maintenance with easy remote management from a mobile device. New technology will give more insight into the health of the system because the smart valves will communicate with the controller and report their status. It will also be easier to install with half the number of wire splices necessary.

### KEY OBJECTIVES

- ✓ **New Technology**
- ✓ **Ease of Installation**
- ✓ **Simplified Maintenance**
- ✓ **Intelligent Control**



## Site Report: Parc Mauresque, Arcachon, France

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### APPROACH:

## Two-Way Communication

Park officials are requesting Rain Bird's **Integrated Valve Module (IVM)** technology because they have seen it working successfully at several other sites around Arcachon. The current controller sends commands to valves, but the valves can't communicate back. Upgrading to the **ESP-LXIVM 2-Wire Controller with Smart Valve Technology** plus **PGA-IVM Series Valves** will enable two-way communication between the controller and valves. Each valve will have its own integrated computer to alert staff of problems.

## Ease of Install & Maintenance

The system's advanced diagnostics will give park staff the ability to pinpoint any issue that may arise, eliminating guessing games and streamlining maintenance. Staff will also be able to see a history of valve health along with trends to help them predict future issues. As an added benefit, **this smart system will lower installation time and costs; the elimination of decoders equates to 50% fewer wire splices.**

## Web-Enabled Control

Because the city's irrigation operator oversees watering for all of Arcachon's parks, he will need a convenient, time-saving solution to manage watering at Parc Mauresque. The **IQ4™ Central Control** technology will allow him to monitor, program, and control the park's watering from his mobile phone or other web-enabled device.



Eliminating decoders will **reduce wire splices by 50%**



**"The biggest accomplishment in this project is the fact that we are putting in place the best possible hardware in our town and we are harmonizing all our irrigation systems."**

ETIENNE BALESTERAT  
PARC MAURESQUE

### RESULTS:

## Efficient Watering and Management

Thanks to intelligent Rain Bird technology, Parc Mauresque's vast grounds are blooming and beautiful. Before the upgrade, the irrigation system made efficient use of water. Now it also enables efficient *maintenance* with less personnel involved. The irrigation operator appreciates the wide screen and backlit buttons of the ESP-LXIVM controller. While the remote management capabilities are convenient and effective.

