

Sai Gon Bridge Park, Viet Nam



Project Details:

LOCATION

Binh Thanh District, Ho Chi Minh City

END USER

Sai Gon Bridge Park

DISTRIBUTOR

GREENLIGHT COMPANY LIMITED

RAIN BIRD PRODUCTS USED

- IQ-Cloud Central Control
- ESP-LXME Controllers
- R-VAN Rotary Nozzles
- 5000 Series Rotors
- PGA Series Valves

PROJECT OVERVIEW:

Sai Gon Bridge Park is located at wards 22 and 25, Binh Thanh District, Ho Chi Minh City, Viet Nam. The park which covers more than 34,000 square meters was recently renovated to include new walkways, lighting and landscaping featuring trees, turf, and ornamental plants and grasses. The existing irrigation system was also upgraded to utilize IQ-Cloud Central Control for maximum water efficiency and time savings.

CHALLENGE:

GREENLIGHT started with an irrigation audit to help determine the efficiency of the existing irrigation system, identify problems, and define the changes needed to improve system efficiency. After the audit was completed, the D2000 water supply pipe from the city was replaced. The replacement of the pipe required extra work to excavate, but it was an important step to improve system performance and efficiency.



RESULTS:

IQ-Cloud enables computers and internet-connected mobile devices to communicate with the ESP-LXME controllers and weather station installed in the field. With IQ-Cloud the maintenance teams can now make changes to the irrigation schedules and shut the entire system down from anywhere.

At the park, IQ-Cloud utilizes the weather data collected from the on-site weather station to make automatic daily adjustments to the irrigation schedules using ET calculations. The addition of the weather station has resulted in water savings of 75%, compared to the previous year, which did not use weather data to adjust the irrigation schedules.

IQ-Cloud also provides several reports, such as programs per controller, alarm, and water usage reports, to help the park's landscape team identify problems faster and create a water budget. These reports are another valuable tool to help the park efficiently manage time, water and money.