

Ho Chi Minh City, Viet Nam



Project Details:

LOCATION

Ho Chi Minh City, Viet Nam

END USER

Department of Traffic and Transportation

DISTRIBUTOR

GREENLIGHT COMPANY LIMITED

RAIN BIRD PRODUCTS USED

- IQ-Cloud Central Control
- ESP-LXME Series Controllers
- Weather stations

PROJECT OVERVIEW:

Since 2015, Ho Chi Minh City has been using IQ-Cloud Central Control to manage the irrigation throughout the public green spaces in parks and street medians. IQ-Cloud was chosen to help reduce water usage and labor costs.

CHALLENGE:

According to a Ho Chi Minh City Department of Traffic and Transportation representative, the two largest budget items needed to maintain the green spaces are labor and water. To help solve these challenges, the local Rain Bird distributor, GREENLIGHT Company Limited recommended the city choose a central control system that would enable it to manage the irrigation system from one central location.

RESULTS:

At each of the field controllers a Network Communication Cartridge was installed to enable communication with IQ-Cloud. Once the field controllers were networked together, the city was able to adjust schedules from a central computer.

In 2018, the city installed two weather stations to help record precise weather data. The weather stations communicate weather data to IQ-Cloud enabling real-time adjustments to the irrigation schedules helping save water.

As a result, water and labor costs have been reduced by more than 70% compared to conventional irrigation control.