

# SUSANA JONES CANO HOSPITAL

SAN MIGUELITO, PANAMA

## INTRODUCTION

Susana Jones Cano Hospital is part of the public health system of Panama known as Caja de Seguro Social. It serves nearly a million people in the communities of Juan Díaz, Pacora, Pedregal, Tocumen, Las Mañanitas, and Rufina Alfaro. In addition to an emergency department, the hospital offers nonintensive care services for orthopedics, general surgery, gynecology, maternity care, and urology; medical radiology, including mammography, ultrasound, MRI, and CAT scans; a hemodialysis unit; and other services such as social work, mental health, physiotherapy, a pharmacy, and a clinical laboratory.

## PROJECT DETAILS

Authorized Dealer [COPANAC](#) installed a Reliable Controls building automation system during a retrofit of Susana Jones Cano Hospital in San Miguelito.

COPANAC installed a MACH-ProWebCom controller with two BACnet MS/TP networks to connect a MACH-ProSys controller, MACH-ProPoint expansion modules, and third-party chillers and variable frequency drives. Building operators use a MACH-Pro2 controller and a MACH-ProView to manage a chilled water plant that serves 11 air-handling units and 17 fan-coil units distributed throughout the building. MACH-ProZone controllers operate two smaller air-handling units, and SMART-Space Controller devices regulate fan-coil units and provide a backup for managing air-handling units in critical areas. Facility managers depend on the Reliable Controls system to provide excellent indoor air quality in all common and critical hospital areas.

COPANAC's technicians were considerate and careful to minimize disruption to patients and staff during the retrofit. The team was able to install, commission, and deploy the new system in only 45 days.

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## MARKET SEGMENT

Health care

## PROJECT TYPE

Retrofit

## PROTOCOL

BACnet

## INSTALLATION TYPES

Chiller, fan coil unit, HVAC

## EQUIPMENT INSTALLED

- 13 MACH-Pro2™ controllers
- 14 MACH-ProPoint™ expansion modules
- 1 MACH-ProSys™ controller
- 1 MACH-ProView™ controller
- 1 MACH-ProWebCom™ controller
- 2 MACH-ProZone™ controllers
- 28 SMART-Space Controller devices

## BACNET

Carrier chillers, air-handling units, variable frequency drives

## TOTAL SYSTEM OBJECTS

1,400

## RELIABLE CONTROLS AUTHORIZED DEALER

**COPANAC**  
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