

PUBLIC MINISTRY OF COLÓN

PUERTO ESCONDIDO, COLÓN, PANAMA

GOVERNMENT

OVERVIEW

About 50 miles northwest of Panama City, Colón is the capital of Colón Province and the northern gateway to the Panama Canal. Colón was founded by the United States in 1950 as the Atlantic terminal of the Panama Railroad, then under construction to meet demand during the California Gold Rush for a fast route to California. Today the main attraction for visitors is the Colón Free Zone, the largest free port in the Americas.

The office of the Public Ministry in Colón defends the interest of the state, supervises public officials, and fosters the enforcement and execution of laws, judicial decisions, and administrative orders.

PROJECT DETAILS

Reliable Controls Authorized Dealer COPANAC outfitted the new Public Ministry building in Colón with a complete building automation system.

A MACH-ProWebCom controller, with its powerful web server, provides the user interface to the facility and connects to all of the field controllers via BACnet MS/TP.

A MACH-Pro2 controller with a MACH-ProPoint Input/Output expansion module controls a chilled water plant that serves eight air handling units and six fan-coil units that provide cooling to different areas of the building. COPANAC installed MACH-ProZone controllers to operate other air handling units and 15 SMART-Space controllers for fan-coil unit control. MACH-ProZone controllers are also used to continuously monitor carbon monoxide levels in the basement parking garage.

The Reliable Controls system integrates well with third-party chillers and variable frequency drives to provide control for start/stop applications, sequencing, scheduling, and alarming.

This was COPANAC's first project using Reliable Controls. The simplicity of the Reliable Controls system made the installation a pleasant and efficient experience.

Reliable Controls and COPANAC were delighted to have worked on the new Public Ministry building in Colón, an institution vital to the government of Panama.

To learn more about projects using Reliable Controls® visit www.reliablecontrols.com/projects/overview



PROJECT TYPE

New construction

TOTAL AREA

7,500 m² (80,729 ft²)

INSTALLATION TYPES

Chiller, fan coil unit, HVAC

EQUIPMENT INSTALLED

**1 MACH-Pro2™ controller
1 MACH-ProPoint™ Input/Output expansion module
1 MACH-ProWebCom™ controller
10 MACH-ProZone™ controllers
15 SMART-Space controllers**

NETWORK

EIA-485, Ethernet

PROTOCOL

BACnet

BACNET

**Chilled water plant, Trane chillers,
Danfoss variable frequency drives**

POINTS

256 hard points, 855 soft points

RELIABLE CONTROLS AUTHORIZED DEALER

COPANAC