

FIRST SECURITY BANK MAIN BRANCH

BATESVILLE, MISSISSIPPI, UNITED STATES

INTRODUCTION

First Security Bank is a locally owned institution that began serving communities in Mississippi in 1952. Today First Security Bank has 16 branch locations across northern Mississippi and a main office in Batesville. Bank president Justin Hill is proud of his employees, the impact they make on the communities they serve, and the high level of service they provide in every aspect of banking.

PROJECT DETAILS

Authorized Dealer [Tri-Star Companies](#), Inc. installed a Reliable Controls building automation system during a retrofit of First Security Bank's main branch building in Batesville. At the start of the project, Tri-Star discovered wiring issues that needed updating and went to work pulling all new wiring for the SMART-Sensor network and communication links they planned to install.



myControl[®]



MARKET SEGMENT
Financial

PROJECT TYPE
Retrofit

INSTALLATION TYPE
HVAC

TOTAL AREA
22,575 m² (243,000 ft²)

PROTOCOL
BACnet

INSTALLED EQUIPMENT
 17 MACH-ProAir™ controllers
 1 MACH-ProWebCom™ controller
 1 MACH-ProZone™ controller
 18 SMART-Sensor™ EPD devices
 4 SMART-Space™ Controller devices
 myControl[®] app

INTEGRATED EQUIPMENT
Trane Voyager rooftop units

TOTAL SYSTEM OBJECTS
150

RELIABLE CONTROLS
AUTHORIZED DEALER

**TRI
STAR**
MECHANICAL
CONTRACTORS

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Tri-Star installed MACH-ProAir and MACH-ProZone BACnet Building Controllers to monitor discharge air and supply air temperature and control zone-heating actuators and zone dampers. Each of these controllers also has a SMART-Net port, allowing integration of Reliable Controls SMART-Net devices that monitor crucial environmental variables in the building without consuming additional input or output ports. Each MACH-ProAir includes an airflow sensor and onboard damper motor, removing any requirement for separate sensors and actuators. The MACH-ProZone is ideal for controlling small to midsize rooftop units like those integrated with the control system at First Security Bank's main branch.

A MACH-ProWebCom controller allows facility owners to access and control the bank building easily and cost-effectively over the internet. This unique device combines a BACnet Building Controller, a BACnet Operator Workstation, and a powerful web server, reducing First Security Bank's capital expenditures by eliminating the need for workstation client software, license renewals, and fees for cloud services.

Four SMART-Space Controller devices with dedicated temperature sensors and 18 SMART-Sensor EPD units allow occupants and facility managers to easily adjust comfort parameters related to their space.

To configure the system, Tri-Star used RC-Studio software to create programming, graphics, trend logs, and schedules that will ensure system sustainability for First Security Bank in the coming years. Today the Reliable Controls myControl app provides a fully customizable mobile interface to the new building automation system.

Tri-Star was pleased to incorporate five of the nine elements in the [Reliable Controls ART of Building Sustainability](#) in this project:

- Using BTL Listed products that have been rigorously tested to meet a high level of quality and open-protocol performance
- Empowering people to use their mobile devices to improve their everyday experiences
- Installing products built to be backward compatible and future ready—so First Security Bank remains in control of what, when, and how to upgrade its building automation system
- Providing system operators with comprehensive training and documentation
- Ensuring First Security Bank has a factory-certified local service partner who understands its unique needs

"Reliable Controls is my first choice of control brands," said Chad Blair, controls project manager at Tri-Star. "We are very satisfied with the amount of detail Reliable Controls has put into its line. From the people to the devices, you simply cannot beat the Reliable Controls brand."



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