

# Crittenden Regional Hospital

Case Study: **Crittenden Regional Hospital** Market: **Healthcare** Location: **West Memphis, AR**

“The crew at S.M. Lawrence originally sold us with their ability to find innovative solutions to any problem. In the past two years they have maintained that innovative approach. Our most recent project involved replacing five air handling units, a new chiller, cooling tower, pumps, VFDs and a boiler. Their ‘outside the box’ thinking produced a plan that produced zero down time on air handlers and using three units that more than do the work of the five old units.”

- Mike Simpson, Director of Engineering Crittenden Regional Hospital



S.M. Lawrence had previously replaced three central air handlers for the hospital that serve the dietary, bed tower and nurses’ stations. Precise planning, logistics and engineering enabled S.M. Lawrence to successfully replace all three air handlers without any disruption to the hospital’s daily activities. Patients, doctors and nurses were never aware of the project as the supply of conditioned air was not interrupted.

## A Closer Look...

Crittenden Regional Hospital in West Memphis, AR needed a partner to install energy efficient retrofits of some of the major building systems. Crittenden selected S.M. Lawrence, a Comfort Systems USA company. The CSUSA team:

- Completed the work without disrupting hospital’s daily activities
- Provided engineered “as built” drawings of mechanical rooms
- Successfully installed equipment per scope and adhered to schedule

## Solutions

S.M. Lawrence maintained the \$1,040,000 budget for the replacements, and adhered to the original project schedule. Included in the installation was a centrifugal chiller, steam boiler, 800 ton cooling tower, pumps and a heat exchanger. For the pumps, tower and chiller, S.M. Lawrence installed variable frequency drives, and for the cooling tower a separator.

The S.M. Lawrence crew went above and beyond by managing the project without disrupting the daily activities of the hospital. This strengthened S.M. Lawrence’s relationship with Crittenden Regional Hospital. S.M. Lawrence’s ability to engineer the project, successfully install the equipment, and adhere to the schedule, proved that they are an ideal partner for future mechanical design/build projects.

**Contact us to determine how we can service your business.**

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