

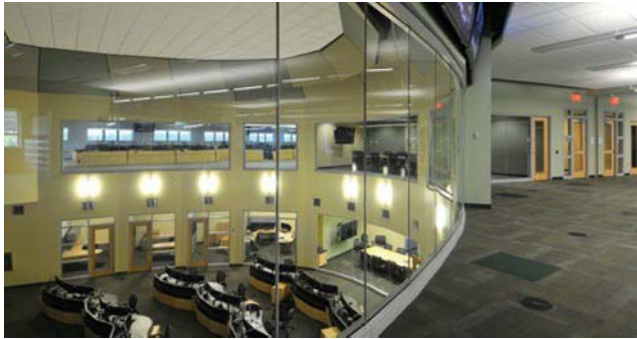
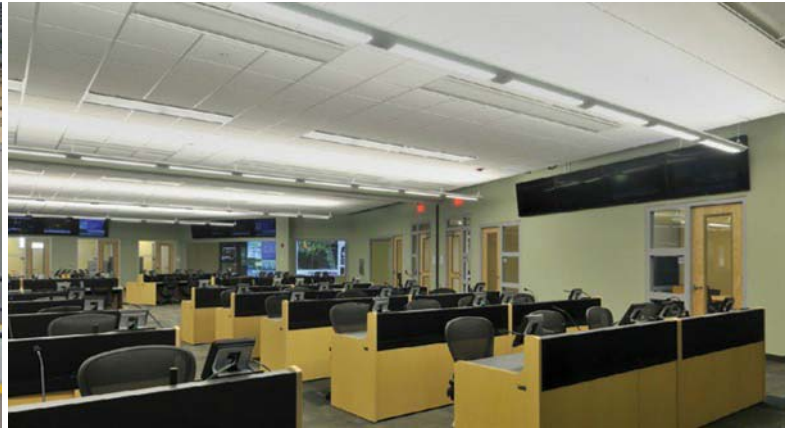
MARCH 2015

# ASHRAE JOURNAL

THE MAGAZINE OF HVAC&R TECHNOLOGY AND APPLICATIONS | ASHRAE.ORG

## ASHRAE Technology Awards Best of the Best

Radiant Heating and Cooling Systems | Energy-Efficient Makeup Air Units  
Controller Sequences and Programming | Return Air Systems



## Mission critical. Mission accomplished.

The new Tallahassee-Leon County Public Safety Complex, a mission critical 24-7 facility, posed unique mechanical challenges for H2 Engineering of Tallahassee. Lead engineer Daniel Henderson, P.E. used Taco's Hydronic System Solutions® software to create his design.

### More space, more comfort

Chilled water is pumped throughout the facility using Taco FI Series pumps with variable speed drives. 90% of the occupied space is cooled by over 300 chilled beams using Taco LOFlo® injection mixing blocks and pumps. The award-winning LOFlo system is a complete injection system that controls individual zones at the lowest possible flow rate. An added benefit, the project's architect, Carl Morgan, notes that LOFlo and chilled

beams allowed engineers to significantly reduce the size of the underfloor air distribution system as well as the size of the mechanical room. This system precisely controls the temperature and humidity in a uniquely tropical environment. And as for comfort? "We don't have any hot-cold complaints", says Carl.

### Taco support

H2 Engineering President Matt Scaringe says it best. "We've been working with Taco for over 25 years. They've always provided amazing customer service. They really come into the job to assist us, resolve issues, help us through the design process, and make sure our hydronic systems are designed and built the way we intend them to be." Get the full story online.

