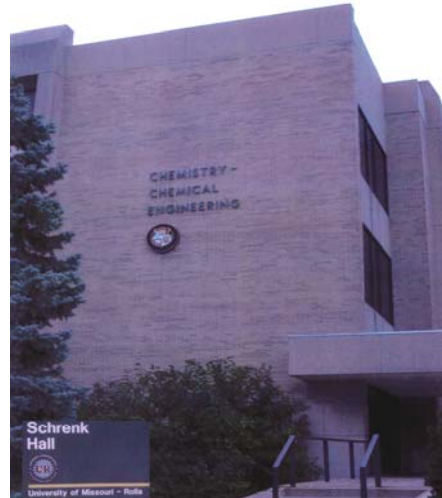


University of Missouri – Rolla

Rolla, Missouri

Schrenk Hall

Schrenk Hall on the University of Missouri – Rolla campus houses the university's chemical and engineering departments.



CTS was contracted by the University of Missouri to install a new Honeywell Building Automation System server. Once installed, CTS then integrated to the controls of a Phoenix Fume Hood system through a BACnet-compatible gateway that resides at the Schrenk Hall building. With students utilizing the building 24 hours a day, it was essential to provide safe, secure access to the building with the necessary lighting and door control as well as temperature control. This system not only controls the temperature, it also ties into the lighting system. The doors are controlled through the Building Automation System as well.

System compatibility is a top priority to the University. Senior Staff Engineer, Clarence Gregory, explained that the University has a goal to stay away from proprietary products. James Packard, Assistant Director of Facility Operations for the University, stated that this was a first step in setting the campus-wide standard for safety within buildings. It was vital that systems meet ASHRAE standards and are reliable. Students are busy and active 24 hours a day and the building has to support such activity.