

## Correctional Institution Dormitories

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This project encompassed the construction of 7 new buildings at three different facilities. The HVAC system includes high efficiency equipment and energy-saving economizer controls. Additional features include:

- 66 Air Handling Units
- 3 Network Servers
- Multiple Workstations
- Smoke Evacuation and Control

An Alerton BACnet compliant DDC system was chosen to control a multitude of building systems including 66 four pipe air handling units, 4 chillers, 6 boilers, and 200 exhaust fans. Each of the 7 buildings has an Alerton global controller that resides on the Department of Corrections fiber optic network. BACnet Annex J technology allows for building to building communication using IP connectivity. Each institution has a main DDC server at a remote maintenance shop as well as local building access via laptop computer. Additionally, each site is accessible over the department's intranet from virtually anywhere in the state.

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*"We have just about every brand of DDC controls... The Alerton system is easy to use and Hoffman Building Technologies has been great to work with."*

*Mr. Harry Lide, Director of HVAC Maintenance, SCDOC*