



Central Alarm and Monitoring System Project (C.A.M.S.)

PROJECT SCOPE

The scope of this project encompasses a central alarm monitoring station to be located at Central Plant #1 with 12 Campus buildings and the entire Hospital complex to be monitored under Phase I. The new system is entirely digital and communicates over the UAB intranet.

PROJECT OBJECTIVE

A. Increases our ability to monitor critical equipment

1. This project within Hospital Maintenance will bring UAB to the latest state-of-the-art technology in our ability to remotely monitor buildings for critical equipment failures such as low temperature research freezers, animal areas, hospital and lab equipment.
2. Repair costs and downtime are drastically reduced due to equipment

B. Replaces existing obsolete and very limited monitoring system

1. The existing Honeywell system is not processor based and relied on coax cable between buildings. Initiated to replace existing Honeywell 6000 monitoring system.

C. Utilizes New Technology

1. Monitoring software is a Windows NT platform.
2. Software is "Off-the-Shelf"
3. Communications are over the existing campus intranet.
4. State of the art digital technology.

D. Monitors energy savings

1. System will also monitor the energy conservation measures initiated by the performance contracts
2. Insures future competitive pricing
3. Three (3) approved vendors for hospital and campus.

E. Improves response time to equipment failures

1. Central station is manned 24 hours per day, 7 days a week.
2. Response time to equipment failures is immediate.

PHASE 1 SCHEDULE

Current completion of the entire project is expected in June of 2000, but buildings will begin to be brought online one at a time beginning January, 2000.

Central Alarm & Monitoring Terminal and Operator Adam



Buildings with alarms flash red until acknowledged for case of identification.

