

Communications Infrastructure Upgrade Project

History

Project was presented to the BOT as an information item – June 1998

Project budget and business plan approved -February 1999

\$22.5 million dollar project affecting approximately 70 buildings across the campus and hospital over a six-year period.

Project Scope

The Project provided upgraded voice and data wiring in 61 buildings on the UAB campus, which had not previously been upgraded with the latest communication systems. 33 of the 61 buildings required renovations to construct Communication Equipment Rooms (CERs). Building entrance switches and floor level hubs were installed in all buildings. Fiber-optic cable was installed in the vertical riser system of some buildings as well. The project scope also included wiring all classrooms.

At the time the project was undertaken, the current wiring standard for the desktop and horizontal cabling was at category 5. A level above that standard was selected, category 6, since the vendor assured the same pricing. Last summer, category 6 was ratified as the new IEE standard and as a consequence, UAB has the most up to date level of wiring on any campus. At the beginning of the project, the campus network was shared Ethernet and has easily upgraded through many stages to the current gigabit Ethernet architecture.

Justification

This Project was undertaken to allow UAB to take advantage of emerging technological changes, and to support projects such as, the Internet2 initiative and new distributed administrative systems. Occupants of older buildings which had not received upgraded connections and wiring in recent years were at a competitive disadvantage in making use of cutting edge communication systems and in development of network intensive applications and collaborations particularly in the research areas.

Status as of January 2004

44 Buildings are complete

13 Buildings are considered significantly complete (final stages or paperwork) or in progress

4 Remaining (only 1 requires construction and is under contract)

Over the next year

Close out the remainder of the project. Focus on wireless installations in all classrooms.

<u>Building</u>	<u>Status</u>
Administration	Complete
Business	Complete
Engineering	Complete
Central Support	Complete
Henry B. Peters	Complete
Zeigler	Complete
Tinsley-Harrison	Complete
Hospital Annex #1	Complete
Hill University Center	Complete
CHSB 19 th	Complete
CHSB 20 th	Complete
Community Care Bldg. (Byrd)	Complete
Ullman	Complete
Bell/Wallace	Complete
7-11 Building/Dowdy	Complete
Hoehn Building	Complete
Civitan	Complete
Cudworth	Complete
Central Utility #3	Complete
Townhouse	Complete
Webb	Complete
School of Nursing	Complete
Police Headquarters	Complete
Worrell	Complete
Honors House	Complete
Bartow Arena	Complete
Holley Mears	Complete
910 Building	Complete
Ryals	Complete
Education	Complete
CNIR	Complete
15 th Street Classroom	Complete
Bevill	Complete
Sterne	Complete
Humanities	Complete
LRC/Lister Hill	Complete
Chemistry	Complete
Facilities Admin (FAB)	Complete
McCallum BHSB	Complete
WBHM	Complete
15 th Street Classroom Building	Complete
1430 Warehouse	Complete
Stores Warehouse	Complete
Waste Holding	Complete
Boshell	Significantly Complete
Campbell Hall	Significantly Complete
Rust	Significantly Complete
Medical Towers	Significantly Complete

MEB/Russell	Significantly Complete
School of Dentistry	Significantly Complete
Smolian/Engel	Significantly Complete
Psychiatric Hospital	Significantly Complete
Chevron	Significantly Complete
Hulsey	Significantly Complete
Lyons Harrison	In Progress
Sparks	In Progress
Central Utility #1	In Progress
Spain Rehabilitation	Under Contract
Deck 4	To Be Completed
General Services	To Be Completed
West Pavilion	To Be Completed

Updated: January 2004