

Jolley Hall Room 409 Department of Electrical Engineering
Center for Imaging Sciences / ESSRL Computer Systems room.
Equipment rack system designed and constructed by Paul Discher.



Jolley Hall, room 409 was a facility designated for computer system servers and active network hardware. A large patch bay had been installed for the termination of data cable runs to offices and laboratories on the 4th floor of Jolley Hall. In addition this facility served as the terminus for the Engineering School's ethernet backbone and also contained power conditioning and monitoring subsystems.

The installation of servers and disk arrays out paced the ability to find permanent installation space for them in this facility. Several banquet tables were used for consoles and disk arrays and server systems were set on the floor.

I developed a plan for the installation of this equipment using previously acquired donated materials from BCL. The final design was modeled from cardboard in 1/6th scale prior to construction. The three bay system shown in the above photo consists of two surplus MMSX computer system bays spanned and linked with a custom "leg-less" console table. Four computer system console displays were installed in pairs at the front-center and rear-center of the rack system. Maintenance access for cables and power distribution can be gained through the rear, front, sides, and top of the system racks. All power and data cables are routed through BeeLine® aluminum overhead cable tray system which was linked to the BeeLine® system used throughout the Jolley Hall complex. Final architectural treatments include mill finish aluminum trim, stained oak, and vertically glued carpeting.