Stanislaus County Public Safety

Modesto, California

Project Description:

This project is a phased development which will eventually encompass all County Jail and Sheriff's operations. When completed, the site will house nearly 1800 inmates, and will include a combination of minimum-, medium-, and maximum-security housing, as well as work furlough and medical/mental health housing. The initial phase, now complete, included site work, a booking and release center, 224 beds of minimum-security housing, and 48 beds of maximum-security housing.

ACSI's Responsibilities:

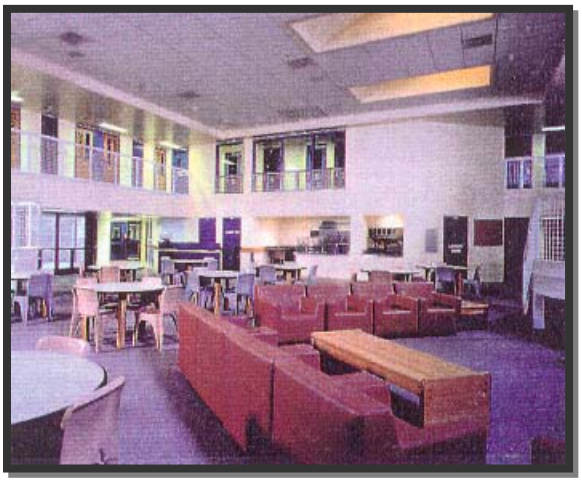
ACSI worked with the owner and the architect to develop the design concepts for all electronics systems, including:

- **Security Systems**: Door control and monitoring, and television surveillance capabilities, providing electronic control and monitoring of movement of arrestees, inmates, jail personnel, and public visitors to maintain appropriate separation and safety of each group.

- **Life Safety Systems**: Computerized fire detection and reporting, with a CRT display and printer in the Central Control Room.

- **Communications Systems**: Local intercom fully integrated with the security systems as a virtual system, such that from the CCR operator's point of view, observation, voice communications, and door control are a single task using a common grouping of controls; a television distribution system combining the outputs of VCRs (orientation, educational, and recreational programs) with recreational signals (local cable TV) can be viewed on televisions throughout the facility; and the system was designed to permit the County to install its telephone and computer equipment using common outlets and cabling for data and telephone circuitry.

ACSI took on the special challenge of designing the initial phases of these systems to be expandable to several times their initial sizes with minimal replacement of the initial work, and without undue costs in the initial phase. In addition, the project was further complicated by the need to accommodate the future relocation of the CCR. Therefore, the systems are PLC-based, and special design features were included to permit construction and connection of the new CCR without disruption of the existing (temporary) CCR.



Stanislaus County Public Safety Center

Housing Control Room