



# Roman Professional Engineering



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June 2015

## MAJOR PROJECTS - EDUCATIONAL

*Irvine High School:* Campus Fire Alarm system replacement with addition of voice capabilities. Fire Alarm network expansion to accommodate newly constructed Gym building. Network consisted of 4 voice panels and more than 1100 peripheral devices. The system provided coverage for classrooms, auditorium, gym, library, food preparation, and administration area.

Jurisdiction: *DSA.*

*Newport Harbor High School:* New voice Fire Alarm system. System included 6 network panels, firefighters' command center, graphic and LCD annunciators. Control panel in the new Gym building supported wide area voice alarm and announcement system for the adjacent athletic fields.

Jurisdiction: *DSA.*

*Newport Coast Elementary School:* Fire Alarm system for new elementary school. System also provided access control and security functions.

Jurisdiction: *DSA.*

*Wilson Elementary School:* Complete retrofit of the existing Fire Alarm system.

Jurisdiction: *DSA.*

## MAJOR PROJECTS - HEALTHCARE

*Childrens Hospital Los Angeles:* Network multiplex audio Fire Alarm system for replacement hospital. System provided coverage for multi-occupancy facility with bed floors, office areas, cafeteria, atrium entry, parking garage, power plant, and helicopter pad. System consisted of 6 network panels, graphic interface, and more than 3000 fire alarm devices.

Jurisdiction: *OSHDP.*



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*Santa Barbara Cottage Hospital:* Complete Fire Alarm system replacement, addition of Central Plant and Parking buildings. Design included 4 network panels, more than 1600 fire alarm devices, and interface for the Main Building Smoke Evacuation system.

Jurisdiction: *OSHPD.*

*Simi Valley Hospital:* Various TI projects, new Fire Alarm system for Maternity Suite and Cafeteria.

Jurisdiction: *OSHPD.*

*Harbor UCLA Medical Center:* New Fire Alarm system for Gastroenterology Suite and for Helicopter Landing Facilities.

Jurisdiction: *OSHPD.*

## **MAJOR PROJECTS - HOTELS AND RESIDENTIAL**

*Disney Grand Californian Hotel:* New audio Fire Alarm system for 4 high-rise guest towers and interconnecting administration building, smoke evacuation system. System consisted of 6 network panels, various graphic annunciators, and more than 2800 field devices. Smoke Evacuation system was designed as a stand-alone with main control panel in Fire Control room and controlled operation of 12 air handler units and exhaust/supply fans.

Jurisdiction: *City of Anaheim, CA.*

*Transition House:* Downtown LA facility for housing and rehabilitation of homeless. Fire Alarm system provided coverage for sleeping quarters, cafeteria, food preparation area, assembly, workshops, and administration area.

Jurisdiction: *City of Los Angeles.*

*Saddleback Hospital Senior Housing:* Alzheimer's, Assisted Living, Independent Living, Skilled Nursing 120-bed facility. In addition to Fire Alarm, the system incorporated Nurse Call and intercom functions.

Jurisdiction: *Orange County Fire Authority.*



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*Hotel Bel-Air:* New Fire Alarm system for a high-end hotel. System consisted of 5 network panels with voice capabilities, firefighters' command center, and a graphic annunciator. In addition to Fire Alarm, the system provided interface with CCTV network to generate immediate view of the alarm area.

Jurisdiction: *City of Los Angeles.*

*La Verne Village:* Large apartment complex with retail space (mixed R-2 and M occupancy) located in the City of La Verne, California. Fire Alarm system consisted of network of addressable Silent Knight and conventional Mircom panels. In addition to ADA-designated apartments, all units provided with capability to support future audio/visible alarm notification appliances.

Jurisdiction: *Los Angeles County Fire Department.*

*7Rio Apartments:* New Fire Alarm system for a high-rise apartment building in Downtown Austin. System consisted of voice EST3 system, firefighters' command center, and a remote annunciator. In addition to Fire Alarm, the system includes Area of Refuge equipment.

Jurisdiction: *City of Austin, TX.*

## **MAJOR PROJECTS - MILITARY**

*\*\*\*\* \*\* Navy Base, California:* Mass Notification/ Fire Alarm System based on Edwards EST3-Sixty panel. System provided full-fledged voice fire alarm coverage and additional capabilities to satisfy DOD MNS specification. Mass Notification portion included central and local operations consoles, additional set of amber alert strobes, LED textural message displays, extended battery backup capabilities.

Jurisdiction: *DOD.*

## **MAJOR PROJECTS - INSTITUTIONAL**

*Theo Lacy Jail, City of Orange:* Fire Alarm system for 2 new cell towers with interface into existing network. To provide higher security, detention cells smoke detectors were substituted with in-duct smoke detectors, and all other peripheral devices in restricted areas were provided with temper proof guards. Each tower consisted of 2 network panels



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and about 800 devices.

Jurisdiction: *City of Orange, CA.*

## **MAJOR PROJECTS - ENTERTAINMENT**

*Disney's California Adventure Park:* Fire Alarm systems design for various attractions and dining facilities – Tower of Terror, Soaring over California, Fairfax Market, Pacific Wharf Café. Projects required intensive coordination with Architect and Engineers due to high esthetic and technological standards. Each facility had its own Fire Alarm system and connected to the Park network and graphic interface.

Jurisdiction: *City of Anaheim, CA.*

*Disneyland Resort:* Replacement/upgrade of existing network panels for the entire resort and addition of Graphic Annunciation system. The project consisted of replacement of more than 50 existing panels and associated peripheral devices.

Jurisdiction: *City of Anaheim, CA.*