



# LEOPAC

Law Enforcement Environmental Planning  
Association of California

July 2001

## President's Message

Since September 11th the big focus for our LEOPAC people is building security. I have received many requests to do commercial and industrial security surveys throughout our city. The general feeling is apprehension caused by recent events and the media continually reminding us. This is not necessarily a bad thing, because so many of the industries have been lax in their overall security and needed to take a serious look at the safety of their buildings and their working staff.

Browsing through the Internet produced many new security products including software that is specifically designed with building and commercial establishments in mind. One example would be the Kori Technology Group software called BDR (Building Data Recorder) system. The way I understand it is that it continually monitors the state of readiness of a building's fire/life safety system and instantly notifies interested parties of problems, so corrective action can be taken before the situation worsens.

By determining if code-prescribed maintenance is being performed, the degree of code compliance can also be verified and a measure of preparedness quantified. In addition, over time, the BDR becomes predictive. It can alert building managers to developing situations before failure of the system components occur. This BDR was developed to help ensure that

fire/life safety systems will be properly maintained per code.

Not only does this technology allow the degree of code compliance to be measured, recorded and analyzed, it also provides the very tool, for local fire authorities and building managers alike, to determine the preparedness of a building's fire/life safety system, 24 hours per day, 365 days per year.

To summarize this new software can:

1. Know system "health" instantly
2. Initiate corrective actions
3. Ensure code compliance
4. Archive all system information
5. Analyze system and equipment trends and performance
6. Anticipate future maintenance issues

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### President

Craig Sala  
Santa Clara Police  
Department  
601 El Camino Real  
Santa Clara, CA 95050  
408-615-4877  
csala@ci.santa-clara.ca

### Vice-President

Ron Petrocchi  
1005 Ranier Ave.  
Pacifica, CA 94044  
650-557-0585  
rpet@pacbell.net

### Assistant/ Membership Information/ Web Site Design

LEOPAC  
c/o Robin Valencia  
4067 Burbank Drive  
Concord, CA 94521-1023  
925.798.9440  
robinval@pacbell.net

### LEOPAC on the Web

<http://www.leopac.20m.com/>

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## Task force outlines safety, security precautions for tall buildings

The Sept. 11 tragedy at the World Trade Center in New York is heightening attention on security for the nation's skyscrapers.

The Council on Tall Buildings and Urban Habitat (CTBUH), which met Oct. 15 in Chicago, concluded it is not practical to design any building to withstand the maliciously directed impact of a large fuel-laden aircraft. It also noted the buildings in the World Trade Center attack withstood a tremendous blow, allowing more than 20,000 people to evacuate.

"It is important to understand that the attack on the World Trade Center was not about tall buildings, it was about terrorism," said a statement from the task force, which is made up of 24 industry officials from structural engineering to electrical engineering, vertical transportation, fire protection and safety, building owners and developers, building control systems and building security sectors.

Overall, tall buildings have excellent safety records. The task force is exploring several safety themes to increase security and awareness in the event of another such tragedy:

- Egress strategies. Developing updated standards containing varied approaches of egress processes, systems, shelters, stairwells and elevators is vital to increasing awareness, understanding and probability to exit a building.

- Multiple redundant building systems. Systems should be de-

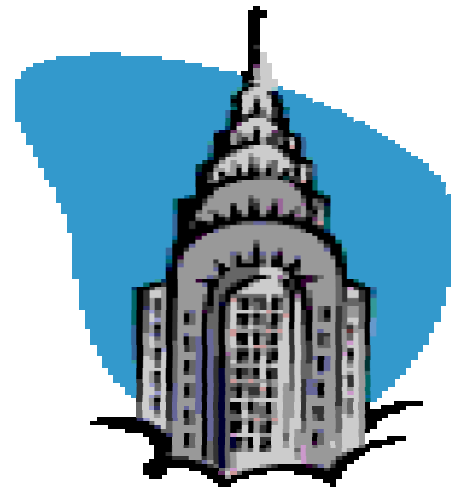
signed with multiple sources and independent distribution routes to better withstand disruptions caused by extreme events.

- Integrated systems. There are numerous systems inside and outside a building that, if integrated, could provide on-site and remote information about the building and its occupants to the appropriate authorities. These systems measure, monitor and control a building and the environment of the occupants. Specific systems include structure and infrastructure, electrical, security, building management and utility management.

- Performance-based design. Building codes are required for the built environment. The task force is exploring the potential for adding the function of performance-based design of buildings so those involved with designing, building and operating buildings can match the overall building design with the building's purpose.

- Education. Safety procedures are regularly explained on airplanes and in schools. As the built environment includes many more applications, guidelines to better educate building management on safety procedures, decision-making and communicating during an emergency should be established.

- Research. The task force will be making recommendations for research on the built environment and will serve as a global advisory panel for all aspects relative to overall building safety.



## President's Message

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7. Obtain/maintain compliance records

Making sure the building is in code compliance on a daily basis provides a certain degree of comfort for owners and developers.

Today's technology has taken great strides in providing safe and secure workplaces in the face of terrorism. It is extremely important that we try to keep up with this new technology so we can provide our developers and owners with acceptable options and viable recommendations as well as educate our own staff. This, I see, is part of our assignment as Crime Prevention Professionals..

Be safe and God Bless.

Your President,  
Officer Craig Sala  
Crime Prevention  
Santa Clara Police Department

## Directions to Meeting

Safety Center Incorporated  
3909 Bradshaw Road  
Sacramento, CA 95827-3891

- ◆ From Highway 50
- ◆ Exit Bradshaw Road , South
- ◆ Drive south and pass "Goethe Road"
- ◆ (You'll see Safetyville USA and Safety Center on the left)
- ◆ At the next traffic light (Preservation Way) make a U-Turn,
- ◆ Enter the first driveway and park.
- ◆ Follow the signs to the meeting.

## December 12th LEEPAC Meeting

The December LEEPAC meeting, hosted by Phil Jordan will be held on Wednesday, December. 12th. The cost is \$15 and includes a catered lunch, tour of Safetyville USA, and guest speaker. The meeting schedule is as follows:

- 0930 Registration/ Coffee-Tea
- 0955 Welcome
- 1000 Training Program Mr, Roy Imai, Senior Project Manager  
Foothill Associates, Roseville, CA  
"A Look At Community & Recreation Planning"
- 11:30 Tour of Safetyville USA
- 12:00 Lunch at Safetyville USA Capital
- 12:45 Business Meeting
- 1:30 Adjournment

**Please RSVP by December 10th:** 916 366-7233 X 218 (Phil Jordan)



### Researchers develop "Smart Fence"

Researchers at Penn State University have developed a system to equip new or existing fences with the ability to detect, locate and classify intruders. Senior research associate Dr. David C. Swanson says the approach is appropriate for use on large fenced areas, such as those around airports, schools, cattle ranches, military bases and embassies.

The system uses tensioned wire as an extended sensor, which is used to monitor vibrations in the fence. The approach uses geophones, a ground sensor technology, attached to the tensioned wire.

### Member Request for Police Staffing Levels

Tom Manzari of the Sacramento Sheriff's Department would like information on the appropriate police staffing levels for large (1.2 million square feet) commercial retail or industrial projects.

Please call or email Tom if you can help, or bring your ideas to the December 12th meeting at the Sacramento Safety Center..

Tom Manzari  
916-874-5986  
cpted@sacsherriff.com

Thank you!

LEEPAC  
c/o Craig Sala  
Santa Clara Police Department  
601 El Camino Real  
Santa Clara, CA 95050

**Address Correction Requested**



**LEEPAC Membership Application**  
Federal Tax ID # 68-018-4576

Annual dues are \$30 for the year June 1, 2001 to May 31, 2002. The CPTED Binder Manual is also available to members for \$45 plus \$7.00 shipping. (Non-members may purchase the manual for \$75).

Please mail the completed application with check payable to LEEPAC to:

LEEPAC  
c/o Robin Valencia  
4067 Burbank Drive  
Concord, CA 94521-1023

- R e n e w a l     New Membership     Purchase CPTED Manual  
 General Membership—Law Enforcement     Associate Membership—Non-Law Enforcement

Name \_\_\_\_\_

Department/Organization \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

For more information please call Craig Sala at 408-615-4877 or email: [robinval@pacbell.net](mailto:robinval@pacbell.net).