



## INTEGRATED SECURITY, FIRE, AND ACCESS CONTROL

### DMP Solutions for Mixed-Use Urban Designs

Urban villages, planned or gated communities and new mixed-use urban environments of many kinds are springing up to combat the costs and headaches of urban sprawl. Evergreen Security near Seattle, Washington, used DMP intrusion, fire, and access control systems to provide versatile monitoring technologies to match the multiple needs of retailers, residents, developers, and business owners—for simple but effective solutions that help prevent loss of life and property.

**Kla-Ha-Ya Village** exemplifies the security and fire-detection challenges of the new urban village. President of Evergreen Security Bill Murray specified DMP security, fire, and access control equipment for the entire Kla-Ha-Ya Village—which is comprised of apartments, retail stores, and a banking facility—satisfying the developer, tenants and fire marshal with versatile technologies that meet each user’s needs.

XR500N Series control panels satisfy the needs of developers with integrated security, fire, and access control solutions. XR500N Series controls provide pinpoint identification by accommodating up to 574 zone inputs assigned to any one of 32 reporting areas, with each having its own reporting account number! Built-in Network Monitoring™, and speed-of-light alarm reporting mean you know when and where an alarm occurred in milliseconds, not minutes.

Bill Murray of Evergreen Security and his team devised Kla-Ha-Ya Village solutions using five versatile DMP XR500N series control panels to achieve compliance for security and fire throughout the complex and for selected access

control points. Those five controls offer pinpoint sensor and area identification to provide the village’s 43 tenants with individualized integrated alarm systems for any need.

**Truly remarkable** “The truly remarkable thing about DMP is how efficiently we were able to achieve integrated fire and burglary systems for residential, commercial, and retail tenants with one kind of panel from one manufacturer,” said village developer Eldon Wexler. “That saves me training time and accelerates the learning curve for tenants.”

It’s also an important false-alarm-prevention feature. With only one interface to learn, users don’t get confused about the way security, fire, and access control functions operate.

**Five DMP controls offer pinpoint sensor and area identification to provide the mixed-use village’s 43 tenants with individualized systems for any need.**



# DMP simplifies security for complex urban developments

**LX™ technology from DMP satisfies developer, fire marshal and tenants with integrated security that is simple to use in a mixed-use environment**

## Residential security and fire monitoring

Separate Fire Bell outputs are associated with each zone, so alarms triggered by smoke or heat detectors or by fire pull stations only set off horns and strobe lights that are audible and visible throughout the building in which the alarm is activated.

The building's occupants are alerted to danger and warned to evacuate. Meanwhile, occupants of adjacent buildings are not alerted unnecessarily, as alarms do not sound in unaffected areas, which is critical to system design in densely occupied environments. However, should an alarm occur in an adjacent building, the Fire Bell output for that building will activate.

Each security alarm arrives at the central station with a unique account number that identifies the tenant. The central monitoring station also receives a detailed report of alarm type and device location so emergency response is targeted by sensor location and purpose.

## Reporting features provide invaluable data to developer, tenants, and authorities

With only one system to learn, the developer can efficiently manage reporting from residential, retail, and office tenants. DMP event-history reporting provides detailed records of system events before, during and after an alarm. This recorded history helps trace the origins of a fire or security breach—valuable data for emergency response, settling disputes and for evaluating security and fire-safety practices throughout the complex.

## Programming for Individual Tenants Cuts Fire Alarm Costs

Efficient programming flexibility of the XR500N enables the Village to assign each of its individual keypads to specific areas and zones. Without DMP's Individual Area Account Numbers, the Fire Marshal's demand for pinpoint ID and separate accounts for each tenant would have added upwards of \$20,000 to the cost of the fire system. DMP's area arming

features enable the developer to offer tenants a truly integrated alarm system that adds value to the rental unit without incurring commensurate infrastructure costs.

## IP communications cut costs, speed reporting

DMP XR500N controls are IP-ready. Signals travel over existing broadband networks in a fraction of the time it takes for traditional dial-up systems to report, and regular 'check-in' signals to the alarm receiver ensure signalling reliability. Network Monitoring allows the developer to cancel dedicated phone lines to each panel—a \$200 savings each month!

## DMP expands on demand

To meet Fire Marshal demands for precise identification of all areas of the Village and to ring horns separately by building, Evergreen Security programmed initiating devices to activate an 867 LX Notification Appliance Circuit (NAC), enabling all 43 tenants and the fire department to have the individual reporting and control they need without the cost of individual systems.

## DMP Solutions for Mixed-Use Urban Design

**To satisfy developers, fire marshals and end-users with just one solution, count on DMP.**

**XR500N for versatile security, fire, and access control**

Easy to learn, easy to use.

**Network Monitoring™**

High-speed, low-cost alarm reporting.

**Thank you to Bill Murray, President of Evergreen Security, and Evergreen Installation Manager Rob Henderson for assistance in preparing this case study.**



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