

**Press Release  
January 30 2005  
Digatron Completes Integrated Security and Surveillance System  
for Denver Colorado Convention Center**



For what seems an eternity, the Denver Colorado Convention Center has lagged behind other cities with newer, more spacious and prestigious facilities as public venue halls. Until now.

Both City and private planners hoped to change the situation by providing a one million square foot addition to the existing Exhibition Center. The new 2,400,000 square foot convention center with 600,000 square feet of contiguous meeting space, 360,000 square foot parking structure and 60 loading docks, will serve staff and visitors and offer a "Safe and Secure Taste of Colorado" to all visiting the City.

In the post 9/11 environment, City of Denver officials planned to take no chances with the safety and security of their visitors. Denver engaged the services Digatron, Inc., a Denver based electronic security systems consultant and integrator who was contracted to supply and integrate a seamless surveillance solution.

The design integrates:

- Computer based access control
- Alarm monitoring
- Intercom
- Full motion video CCTV recording and surveillance

In order to move efficiently around the massive site, Digatron employed the use of electric carts. Installation of the security equipment depends other trades finishing their work first. This two-year project was completed 1 month ahead of schedule and on budget. In terms of security, this is the largest CCTV fiber installation in the city of Denver, excluding the work at Denver International Airport. Building on its expertise, Digatron provided the city with a value-added design offering higher quality day/night IR cut filter removal PTZ cameras over the originally selected PTZ cameras. These value added cameras operate in lower light levels by switching from color to black and white rather than simply slowing down the shutter speed. This feature matches the capability of the full motion MPEG-4-AVC-10 digital video recorders designed and built by DigaNET, Inc.

The system was designed with Integrated Operations in mind. Digatron interconnected digital video surveillance, intrusion detection, motion detection, intercom, parking control equipment and emergency call stations integrated with digital facility maps within the control center. When an

alarm is activated, the area is pinpointed on the map and the camera associated with the alarm point is displayed on a call-up monitor. The operator doesn't have to search for the event on a wall of monitors and is able to react to the event much quicker.

With public safety and customer service in mind, nineteen of the remote intercom stations (15 with Blue Light strobes) and 315 doors with wired contacts annunciate to both a local and control center alarm-tone when triggered. The associated camera image displays full screen and the digital facility map shows the location of the alarmed door with an open audio connection to the monitoring center. The Operator can also use PTZ cameras with alarm pre-sets to evaluate the situation.

Digital Video Surveillance encompasses seven, 16-channel, DigaNet High Resolution Digital/Audio Recorders that record a total of 103 cameras including 55 pan tilt zoom cameras and 48 fixed dome cameras in full motion video for 1 month storage on affordable and internal to the recorder, serial ATA hard drives. The City and County of Denver Sheriff and Police Departments are also using the DigaNET HDVAR recording platform. The network connectivity allows for remote viewing of all cameras from outside the convention by law enforcement for total situational awareness.

A multi-mode fiber optic network, utilizing Volition style connector's feed ten (10) Sony spot monitors that can view the cameras as needed. The images may also be viewed using the DVR Client Operator Workstations connected to the DVR recorders. Twenty-one fiber optic video feeds originate from six telephone closets located throughout the facility. All fixed cameras initiate camera call-up upon detected motion and are configurable by date and time.

Active Intercoms cover the exterior doors and the parking structures. Parking control equipment can be viewed by camera call-up at the Security Operations Control Room. Fifteen (15) Zenitel emergency intercom call stations allow for guests to communicate with security. Upon activation of the emergency intercom station the blue strobe is activated and the camera associated with the emergency intercom station is called-up on the CCTV alarm monitor so security has a visual with voice communications. Additionally an output is triggered to automatically log the event into the DSX access control system and display the location on the graphical map.

Digatron, Inc. redesigned the Security Control Room to accommodate the expanded system. This design will accommodate future additions and expansion to the base security system installed using Winsted manufactured custom-built console.

*For more details on this project or to see how we may custom design a security solution for you, contact: Charles B Kirmuss, CTO, at 303.455.9545*



*Headquartered in Denver,  
Digatron, Bringing People, Products and Technology together for 25 years*