



© 2006 Marshall Erdman & Associates

DMP Fire Systems

Cutting-edge medical facility relies on DMP Fire

When builders on a fast-track schedule to build a state-of-the-art surgery center asked Central Security Systems President Dick Harpster for a fire system recommendation, he specified the DMP XR500F. “They were impressed with our bid, and when I told them DMP fire is GSA approved, that’s all they needed to hear.” From a flawless beginning — to the very end — ease of DMP installation kept the project on track.

When Pinehurst Surgical opened its new 131,000-square-foot, \$24 million facility, it impressed staff and visitors alike for its scope and its BioSkills laboratory — the only one operated in a private practice setting in the United States. Surgical research and education at the center will allow Pinehurst surgeons and medical researchers from around the world to learn new surgical procedures.

And when the time came to specify a fire system that could be trusted to monitor the multi-specialty complex, the design/build architects chose DMP.

“The architect, who specializes in medical facilities, said he never saw a fire system go in so smoothly.”

Dick Harpster
President, Central Security
Systems, Inc. Southern Pines, NC

“We worked very closely with project managers to keep the fire system progress on track,” Harpster said. “We pre-wired as the skeleton went up and did the finishing work — 435 horn strobes and 175 smoke detectors — as the interior walls were finished.”

Thanks to the ease of DMP installation, Harpster's two-man crews kept pace with the contractors throughout the thirteen-month construction period.

“I have to tell you,” Harpster reports, “the architect, who specializes in medical facilities, said he never saw a fire system go in so smoothly.”

DMP addressable fire systems identify alarm locations with pinpoint accuracy

Scalable Smoke-Detector Installation

During the ventilation system inspection, the fire marshal determined that the HVAC contractor's duct detectors were not providing sufficient fire-detection and notification coverage for the entire complex. As a result, he wanted a more expansive smoke-detection system from Central Security.

To add smoke detectors without requiring the additional cost of a secondary system, Central Security was able to tap into the existing DMP circuit and add 125 addressable smoke detectors.

As a result, the HVAC system passed inspection and now if an emergency arises, activated smoke detectors map the direction of a fire as it spreads. Because each detector has its own unique zone number, an alarm signal includes information about the precise area, room or corridor where the emergency is taking place, so responders can get to the right place as fast as possible.

A single DMP XR500F Fire System monitors the entire Pinehurst surgical complex

131,000 square foot multi-specialty clinic, including—

- Women's Care Center
- Orthopedics
- Urology
- Ear, Nose and Throat
- Facial Plastics
- Audiology
- Neurosurgery
- Vascular surgery
- General and Bariatric surgery
- Cardiac and Thoracic surgery
- MRI, CT, X-Ray, Mammography

Stand-alone or Integrated Systems

DMP Fire can be designed as a stand-alone system or integrated with intrusion and access control for exceptional ease of operation. In multiple-unit sites, users can check the status of integrated fire, security, and access control systems from any computer with Internet access (System Link™ software required).

Use System Link to—

- set up new alarm system users and operators
- change and maintain user codes
- set up access control schedules
- silence alarms
- arm or disarm a system
- bypass specific areas
- monitor system status

Integration Provides Valuable Choices for Medical Facilities

DMP keypads feature built-in proximity card readers, so facilities like Pinehurst Surgical can make secure access simple and false-alarm-free without sacrificing security. With access control and security working together as an integrated system, a user can pass an access control card in front of the security keypad to gain access and disarm security within the area in one simple step.

Made in America

To meet the highest standards for commercial fire systems, DMP alarm products are designed, manufactured, and tested in the United States.

DMP is the recognized leader of alarm communication over data networks, with products that are available through professional alarm installing companies worldwide.

To learn more about DMP systems, visit www.dmp.com or contact your local DMP dealer.

Thank you to Dick Harpster, President of Central Security Systems, for assistance in preparing this case study.



800-641-4282

www.dmp.com

Made in the USA

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard

Springfield, Missouri 65803-8877

