Wireless Solutions
Adobe walls are no match for DMP wireless

Designed for ease of installation in the toughest environments, DMP wireless has passed all the tests that matter to Dan Phillips of 4 Alarm in Albuquerque, NM: "DMP wireless is the best I've ever used. I train installers in five minutes and they install whole systems in half a day or less. We get no transmission failures–not even through fourteen-inch thick abode walls."

The stately adobe houses of Albuqerque, New Mexico can be a dream to behold and a nightmare to secure. It's one thing to run wires from sensors to panel when all an intrepid installer has to do is drill through wood and drywall to get from point to point. When walls are fourteen inch-thick adobe, wire lathe and plaster, drilling is less a solution than part of the problem.

DMP 1100D receivers and wireless sensors sidestep the adobe dilemma with wireless communication that is virtually unstoppable.

Dan Phillips of 4 Alarm in Albuquerque, New Mexico secured the home using a DMP XR40 control panel with an 1100D wireless receiver and sensors. It took Dan three hours to install the system in the 5800 square foot home, and that includes programming time.

"DMP wireless is so simple to use and quick to install that it's going to increase our profits on every installation," Dan says.

> **DMP wireless is so simple to use and quick to install that it's going to increase our profits on every installation.**
>
> **Dan Phillips**
> **4 Alarm, Albuquerque, NM**

4 Alarm Techs Love DMP — Dan's techs don't have to use a computer to program DMP wireless sensors because the programming is all done via keypad prompts that walk them through the enrollment process.

Because the system employs two-way 900 MHz spread-spectrum wireless communications, there's no guessing whether each sensor has been properly enrolled in the system. The two-way receiver sends immediate confirmation that a sensor is enrolled, which prevents installers from wasting a lot of battery power while testing and double checking sensors. Installers also enjoy the short time it takes to learn how to install and program the system.

DMP Wireless is the most profitable wireless in the industry

Two-way Wireless cuts training time, installation time, and programming time.

While you would expect any application to present installation challenges, Dan says that in this case there were none. "It's cut and dried. You don't even have to strip wires for connections. The receiver plugs into the data bus on the panel. Compared to other wireless I've used, the installation time is half."

And although the signal from sensors to receiver in one 80-foot run has to penetrate six 14-inch adobe walls, the system has received no failure-to-check-in reports.

As a result of DMP's Two-way Wireless performance, 4 Alarm is switching from another brand of wireless to DMP.

"We're switching to DMP wireless because DMP works where our other supplier's wireless couldn't get their signals through the house's five levels and adobe walls. But DMP has designed a system that works and that we can install and program without a team of installers and without using laptops–and that saves us money," Dan adds. Another convenience feature; wireless sensors can be programmed remotely if need be, via DMP Remote Link™ software. Remote Link allows you to easily set up and maintain subscriber account files and connect with panels to download and upload sensor information.

The Adobe Home system includes the 1100D Receiver plugged into a DMP XR40 alarm panel with a combination of thirteen door/window sensors and PIR motion detectors.

The following 1100 Series wireless products are UL approved:

1100D	Receiver
1101	Universal Transmitter, internal and external contacts
1102	Universal Transmitter, external contacts only
1125	PIR
1142	Two-Button Panic

All of the products above are now listed under UL 1023 Household Burglar Alarm.

Save time and provide better security than your one-way competition in many wireless applications:

- Historic Buildings
- Retrofit wireless security to historic buildings without damage to structures.
- Asset Tracking/Inventory Control
- Protect your valuables: Computers, machinery, finished goods using wireless transmitters
- Retirement Facilities
- Use wireless fixed & portable emergency call systems for Retirement, Nursing, and Assisted Living Facilities
- Construction Sites

DMP Wireless Solutions for the toughest installations

1100D RECEIVER Allows you to add wireless devices to XRSuper6, XR20, and XR40 panels.

1101 UNIVERSAL TRANSMITTER Provides Internal and External contacts that may be used at the same time to yield TWO individual reporting zones.

1102 UNIVERSAL TRANSMITTER A single-input, two-way wireless transmitter that provides an on-board terminal block to allow external contact wiring only.

1121 PET PIR MOTION DETECTOR Offers pet immunity, selectable at 33 or 60 lbs with a built-in tamper switch and switch-selectable high/low sensitivity. For flexibility, the 1121 can be mounted on the wall or using the enclosed bracket.

1124 360° PIR Used in ceiling mount applications, the 1124 offers a wide coverage pattern even at low mounting heights. (Coming soon).

1125 PIR MOTION DETECTOR With a variety of optional mirror-optic lens configurations, the 1125 fits almost any application.

1129 GLASSBREAK Omni-directional, providing 360° detection coverage of framed glass mounted in an outside wall.

1142 TWO-BUTTON PANIC TRANSMITTER Specifically designed for installation under the counter or to be worn on belt when optional belt clip is installed.

Thank you to Dan Phillips, Operations Manager of 4 Alarm for assistance in preparing this case study.