DATAREMOTE

90X1

Medical Alert Devices

POTS line replacement for medical alert systems (PERS)

OVERVIEW

"Help, I've fallen!" must always connect

Medical alert systems, also called personal emergency response systems (**PERS**), give seniors and at-risk residents a wearable pendant or fall detector. A press of the button, or a detected fall, triggers the base unit to dial a 24/7 monitoring center over an **analog POTS line**, send the subscriber's account data, and open a two-way speakerphone call so help can be sent.

As copper lines are retired, the **90X1** replaces the line, not the medical alert system. The base unit plugs into a 90X1 FXS port, and calls go out over **5G/LTE** with wired WAN failover. Residents keep the pendants and base units they already know.



HOW IT CONNECTS

To the base unit, the 90X1 looks like a standard phone line, so it works exactly as before.



Pendant
Button or fall sensor

Base Unit
Speakerphone / dialer

DataRemote 90X1
5G POTS IN A BOX®

Monitoring Center
Dispatches help or 911

Works With Existing Base Units

Automatic pulse and DTMF detection and in-band alarm signaling let the base unit send its account data to the monitoring center unchanged.

Clear Two-Way Voice

G.711 audio and G.168 echo cancellation keep the speakerphone conversation clear, so operators can hear and reassure the resident.

Ready During Outages

Up to 48 hours of battery backup keeps the line live when power fails, and ARA line-status monitoring alerts you if a line goes down.

1 · CONNECT
Plug the base unit's phone cord into any of the 90X1's eight RJ-11 FXS ports.

2 · CONFIGURE
In ARA, set caller ID and, if needed, enable pulse dialing on that line.

3 · TEST
Press the pendant and confirm the alarm is received and two-way voice is clear.

Notify the monitoring center before placing test alarms. The final installation must meet the site's applicable healthcare, emergency communication and life-safety requirements.