DATAREMOTE

90X1

Nurse Call & Panic Buttons

POTS line replacement for emergency call and alert systems

OVERVIEW

Help calls that always get through

Nurse call stations, pendants, pull cords and panic buttons in senior living, clinics, schools, banks and retail sites often rely on an **analog POTS line**. When a button is pressed, the system's dialer seizes the line and calls a nurse station, on-call staff or a monitoring center, often with a voice message or alarm code that identifies the room or location.

As copper lines are retired, the **90X1** replaces the line, not the system. The dialer's Tip/Ring connection plugs into a 90X1 FXS port, and calls go out over **5G/LTE** with wired WAN failover. Buttons, wiring and response procedures stay the same.



HOW IT CONNECTS

To the dialer, the 90X1 looks like a standard phone line, so the call system doesn't need to change.



Call / Panic Button
Station, pendant, cord

Dialer / Controller
Nurse call or alarm

DataRemote 90X1
5G POTS IN A BOX®

Responders
Staff or monitoring

Works With Existing Dialers

Automatic pulse and DTMF detection, in-band alarm signaling, voice messages and ring-down support a wide range of nurse call and panic dialers.

Stays Up in an Outage

An integrated 18-cell lithium battery keeps the line live when power fails, and the 12 V UPS output can power an approved device.

Monitored From ARA

Line-status monitoring with alerts and remote management let facility and IT teams confirm every line is ready, without a site visit.

1 · CONNECT

Plug the dialer's phone line into any of the 90X1's eight RJ-11 FXS ports.

2 · CONFIGURE

In ARA, enable pulse dialing or set a ring-down destination for that line, if needed.

3 · TEST

Press each button type and confirm the call, message or alarm code reaches responders.

Complete an end-to-end test from each call point after installation. The final installation must meet the site's applicable healthcare, emergency communication and life-safety requirements.