



Replace Dial-up Modems with Wireless

Upgrade devices with legacy modems to wireless with Digi cellular routers

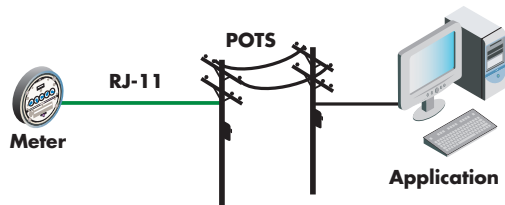
Replace Dial-up Modems with Digi Cellular Routers

Although sufficient for the last 15+ years, dial-up modems are now being replaced with flexible cellular technology for more reliable, faster and cost-effective communications. Digi's cellular solutions provide simple drop-in replacements for dial-up modems for seamless end-to-end remote connectivity.

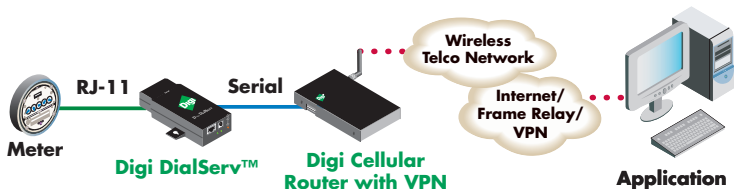
Problems with Dial-up Modems	Advantages of Digi Cellular Routers
<ul style="list-style-type: none">• Slow (56K max)	<ul style="list-style-type: none">• High speed where available (up to 1.5 Mbps)
<ul style="list-style-type: none">• Dial-up data connection slow to initialize	<ul style="list-style-type: none">• Always-on, ensuring faster connections
<ul style="list-style-type: none">• Vulnerable to landline issues (weather, construction, etc.)	<ul style="list-style-type: none">• More resistant to natural disasters and construction interruptions
<ul style="list-style-type: none">• Expensive (pay by the minute)	<ul style="list-style-type: none">• Cost-effective (pay by the byte)
<ul style="list-style-type: none">• Inflexible fixed location	<ul style="list-style-type: none">• Portable – easily moved around
<ul style="list-style-type: none">• Dial-up not available to many remote sites	<ul style="list-style-type: none">• Cellular coverage often available – even in remote locations

Cellular-Enable Devices with Built-in Analog Modems

BEFORE



AFTER

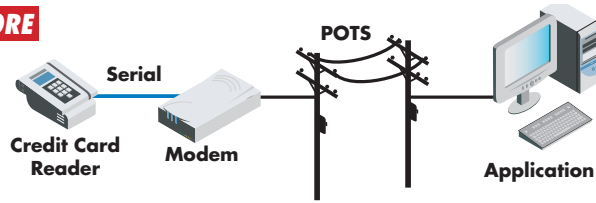


Devices with Built-in Analog Modems Can Be Easily Upgraded to Wireless

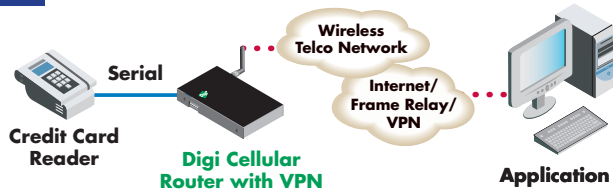
- 1) Attach device via phone line to Digi DialServ™ (RJ-11 to RS-232 phone line simulator).
- 2) Plug the Digi DialServ into a Digi cellular router.
- 3) Digi cellular router allows device to phone home to the central office over a cellular data network by using an IP address as the phone number.

Cellular-Enable Serial Devices That Currently Use Dial-up Modems

BEFORE



AFTER



Devices with External Analog Modems Can Be Upgraded Easily to Wireless

- 1) Attach device via serial cable to Digi cellular router.
- 2) Digi cellular router allows the device to securely phone home to the central office over a cellular data network by using an IP address as the phone number.

Cellular Products Used for Dial-up Modem Replacement

- Digi Connect® WAN – CDMA/GSM connections
- Digi Connect® WAN GPRS – Low speed applications
- Digi Connect® WAN 3G – High speed EV-DO and HSDPA connections
- Digi DialServ™ (optional) – RJ-11 to RS-232 converter

Applications for Cellular Retrofits Include:

- ATMs
- Security panels
- Meters
- POS devices
- Credit card machines
- Pay at the pump
- Healthcare devices
- RTUs
- Analog cellular migration

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