

## Cellular Network Requirements for the PS2000

---

### Connectivity to the Internet

PEP Stations' PS2000 cellular connectivity option allows secure Internet access in locations where hard-wired Ethernet cable is not a viable option and where company policy will not allow connectivity on the corporate network.

The cellular solution, external to the PEP Station, is integrated with an "Electric Vehicle Parking" sign. The router is encased inside a NEMA enclosure, designed to be mounted onto post or wall displayed "Electric Vehicle Parking" signage.

A CAT5 Ethernet cable and low-voltage power wire run from the PEP Station to the NEMA enclosure to provide connectivity and power. Two PEP Stations (4 parking locations / charging points) can share one cellular router. The second station only requires an Ethernet cable connected to the cellular router / sign.

PEP Stations will provision and configure the cellular router prior to shipment to the station owner. The station owner is required to verify that acceptable cellular service from Verizon is available at the installation location. Aside from verifying Verizon cellular service availability and physical installation, no other customer involvement in networking or cellular provisioning is required.

The cellular connectivity option provides the full range of *PEPAdvantage*<sup>™</sup> benefits without requiring the involvement of the customer or their IT networking personnel. Management and service of the unit is performed entirely by PEP, and is included in the annual fee.

If the PEP Station is configured for Credit Card processing, Internet Payment Gateway services ensure transactions are processed safely and securely using the latest standards of encryption and transmission.

Twenty-four hour monitoring of the PEP Station is provided utilizing state-of-the art software and reporting tools to manage alerts and to provide utilization and energy consumption statistics.

### Requirements

Technology	3G EVDO for Verizon
Frequency Band	Cellular/PCS (800Mhz/1,900Mhz)
Status Indicators	LAN, port status, power, signal strength
Type	Router

### Network Connectivity

Software for the PEP Station PS2000 is fully encrypted based on RSA private /public key exchange and AES (256 Bit) session encoding. This technology utilizes the same standards as https/SSL with traffic being sent over port 443.

Each PS2000 runs Windows Embedded Standard 7 with firewall services to ensure the integrity and stability of the system.