

ePole®

The Future of Small Cell Infrastructure

Municipal Applications

About Enersphere

Enersphere Communications ("Enersphere") was founded in 2011 and is located in Atlanta, GA. Enersphere develops, sells and finances mobile communications and electric utility infrastructure, including an integrated outdoor cell site utilizing modular composite pole technology. Our solution, the ePole, efficiently and economically expands mobile capacity and coverage, strengthens electric distribution networks and enables public safety applications to create a safer, more eco-friendly world.

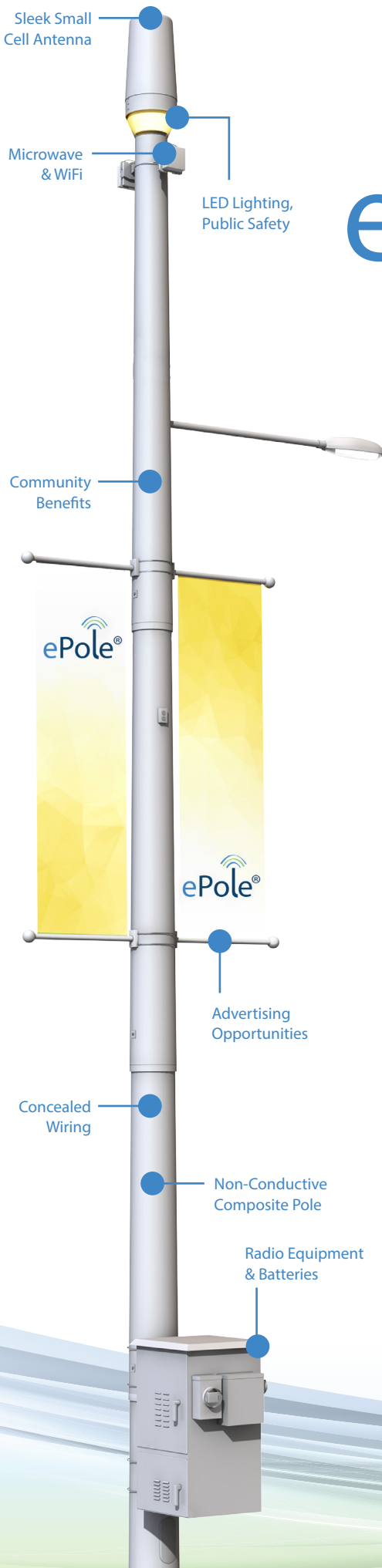
What is an ePole®?

The ePole is a multi-purpose, safe and aesthetically pleasing cell site that provides a seamless option for wireless service providers to transition economically from towers to small cell infrastructure. With patents pending, the ePole includes an integrated pole-top antenna with LED luminary, pole-mounted radio and battery enclosure, antenna cables, power and grounding systems, plus a modular, composite pole. In addition, the optional WiFi capability prepares service providers with data offloading capacity in highly congested areas of the network to ensure the quality of data service. ePoles are available in 35' (10.6m), 45' (13.8m), 50' (15.2m) and 70' (21.3m) total lengths. Mobile radios, batteries and other equipment selected by the service provider can be pre-installed and tested in the enclosure before shipment to the installation site. The antenna cables, power and ground wires that traverse from the antenna to the radios, and equipment

located in the pole-mounted cabinet are safely concealed inside the composite pole to improve safety and preserve the aesthetic value in the community.

How do you benefit from an ePole®?

Say goodbye to ugly infrastructure in your community. The ePole provides municipalities with a multi-purpose, environmentally friendly alternative to current outdoor small cell infrastructure. With the ePole, you will no longer see unsightly tangled wires and radio attachments on wooden poles and streetlights. Instead, you will find a sleek composite pole designed to maintain the aesthetic appeal of your community. The ePole is quick to assemble and easily deployed, generates recurring revenue for the municipality and provides advertising opportunities, public safety and community benefits.



Don't let this happen to your community!



The ePole®

Multi-purpose mobile communications infrastructure providing solutions for multiple parties:

- Mobile network operators
- Electric utilities
- Municipalities
- Resorts and hotels
- Commercial real estate

Benefits of the ePole®

Generates recurring revenue for your municipality

The ePole enables municipalities, electric utilities and public safety organizations to simultaneously derive operational and economical benefits from the same mobile communication infrastructure.

Municipalities can attach video surveillance and WiFi devices; receive franchise fees from the ePole owner; plus generate revenue from advertising, location-based marketing and other applications.

Safety first

The ePole is structurally designed to meet the most stringent wind requirements of the mobile communications and electric utility industries. All radios, network equipment and batteries are securely installed in an environmentally controlled, pole-mounted cabinet.

The ePole web-based management system enables authorized users to monitor assets, cabinet security and environmental conditions, plus automatically or instantaneously control the LED lighting for public safety, severe weather and community events.

The LED luminary atop the pole acts as a courtesy light and can be configured to automatically activate based on the time of day or event in a number of different colors and patterns.

Community appeal

Unlike other small cell deployments that mount radios, cabinets and antennas directly on utility poles and streetlights, the ePole safely conceals radios, cables and other equipment in the composite pole and enclosure. The composite pole, currently available in gray and brown colors, has a

continuously smooth taper and graffiti-resistant finish. Other ePole colors are available upon request. The ePole can be customized to include other equipment, applications and features such as WiFi, video surveillance cameras, advertising banners and traffic sensors.

Ease of deployment

The ePole is a multi-purpose mobile communication cell site that includes:

1. a nested, modular composite pole for easier shipping and handling;
2. a pre-assembled and tested antenna and luminary assembly;
3. a preconfigured cabinet that can support up to six radios, network equipment and batteries;
4. pre-cut and pre-connected cables.

Typically, two trained installers with two bucket trucks can install an ePole in a day. Radio and network personnel can stand on the ground to perform integration and optimization work.



For more information, please contact:
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