hyphaMESH

"A compact, deployable solution designed for emergency responders to create a pop-up mesh network and extend coverage for Wi-Fi enabled devices to the edge of current networks – and beyond."

Take your network where you need it:

- Enable critical communications in areas with limited or no coverage: rural, mountain/canyons, forests, over water, in-buildings, tunnels, or in disasters/communications outage scenarios.
- Designed for rapid, flexible deployment by emergency responders: easy for one person to launch the network in minutes – plug in power, switch on, connect devices and go.
- Each mesh node creates a Wi-Fi bubble to connect Wi-Fi enabled devices like smart phones, tablets, laptops, cameras, UAVs, sensors, and even LMR radios.
- Continue to send and receive data, and access the applications and software you rely on, in areas with limited to no connectivity today.

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Solution Elements & Use Cases

The HyphaMESH REX Kit comprises:
- 3 x HyphaMESH CAP portable mesh nodes
- 1 x HyphaMESH MAP fixed mesh node
- 1 x High performance 6dBi antenna set with magnetic mounts
- 1 x Cradlepoint cellular router
- Connections for external power and communications links, such as satellite
- In a rugged wheeled carry case

Use Cases for Critical Communications Range Extension:

- Wildland Firefighting
- Search and Rescue
- Disaster Response
- Technical Rescue
- Special Events
- In-Building and Underground

Reliable connectivity by extending coverage to the edge of current networks – and beyond

hypha

For further information, please contact sales@hypha.world or visit www.hypha.world