



OPENCAPe

Creating Regional Broadband Opportunities for Cape Cod and Southeast MA

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Public Safety

The OpenCape Corporation is constructing a comprehensive telecommunications network on Cape Cod and in Southeast Massachusetts. OpenCape is creating a fiber optic Regional Municipal Communications System and Regional Collocation Center for the communities of Cape Cod that will provide tremendous opportunities for public entities to aggregate their telecommunications service needs and develop common applications for better and more efficient services to our communities. In addition, OpenCape is constructing a **microwave public safety backup system** and **700 megahertz mobile public safety system**. Both of these systems are essential to public safety services on Cape Cod.

The microwave public safety system will provide a vital backup to other physical communications systems. The microwave system will be integral to the OpenCape fiber optic network, but will be able to operate independently should the fiber optic system be damaged by a violent storm or other event.

The 700 Megahertz mobile public safety system will create a digital mobile communications system across the Cape that will permit police officers to access resources unavailable to them today such as video and instant access to finger print data at the vehicle level. Fire trucks will gain access to blue-prints, on-scene video, and hazardous materials databases. Ambulances will be provided links to hospital emergency rooms to exchange data, video, and voice with the doctor awaiting their arrival and receive instruction for care. These are but a few examples of the potential of this system.

OpenCape has identified water towers in Provincetown, Wellfleet, Orleans, Harwich, Yarmouth, Cotuit, and Falmouth, and communications towers in Truro and the Barnstable County complex that are needed to host the necessary radio equipment and antennas to create these public safety capabilities.

