



TILSON

Islesboro, Maine Fiber to the Home Network

The Town of Islesboro Maine is a world-renowned summer colony and one of mid-coast Maine's most desirable places to live. It is a vibrant island community in Waldo County, Maine, located approximately three miles off the coast of Lincolnville in Penobscot Bay. The population swells to over 2,000 people in the summer months – up from the 600 year-round residents – when many seasonal residents return to vacation with family and friends.

The Town also aspires to lead the nation in broadband service and infrastructure, connecting community anchor institutions (CAIs), private enterprises, and the residencies along the way. The Town partnered with Tilson to realize this vision. Tilson planned a universal, open access fiber-optic network design for the Town – consisting of 50 miles of gigabit passive optical network and active Ethernet – and included broadband standard definition, capital cost estimation, and financial and business model development.

Tilson has also managed the Town's RFI process to select a network operator, completed the network engineering design, and managed the Town's RFP process to select contractors for the construction of the network. Components of the network include outside plant construction, a point-of-presence to support the 10 gigabit aggregation ring on the island, and customer premise installations. Currently, Tilson is assisting with the pole licensing process and permitting in preparation for a full Town referendum in May 2016.



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