

COSTQUEST WIRELINE NETWORK MODEL

Leading Edge Wireline Cost Models and Related Support



Modeling of Costs and Network Design

Understanding telecommunications network related costs is a complicated issue. As technology continues to advance the underlying cost drivers change, including equipment capacities and the demands associated with today's products and services. If that's the bad news, the good news is that modern cost modeling techniques, capabilities and supporting information are keeping pace – thanks in large part to developments led by CostQuest Associates.

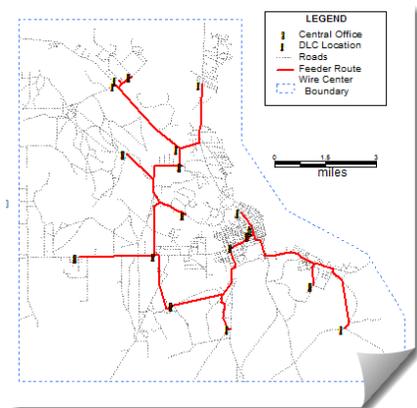
CostQuest continues to define the art of telecommunications network costing.

Two related models stand at the center of CostQuest wireline modeling. CQ Landline (CQLL) is the process whereby demand points are connected (modeled) back to a known Central Office and CQ MiddleMile (CQMM) is the process whereby Central Office locations are connected (modeled) to a location where Internet peering can occur. These two models represent the core of how a specific network topology is developed (modeled) and then carried downstream in whatever cost modeling need is at hand. Currently, the CostQuest wireline modeling platform stands behind the FCC's National Broadband Plan as well as their ongoing work with the Connect America Fund and the related Connect America Cost Model (CACM or sometimes referred to as CAM).

In addition to these leading national policy issues the CostQuest wireline cost models are actively used in a number of other environments including but not limited to provider-specific network expansion decision processes, state-specific universal service policy considerations. The models are also used in CostQuest's property valuation service line in support of internal transaction-specific issues and public property tax valuation needs.

What sets the CostQuest network model platform apart is its ability to understand and employ the use of real world engineering standards and sophisticated spatial relationships. By required inputs and internal logic CQLL and CQMM know where road paths are...it knows where central offices are located...it knows what equipment is required across the network and it knows what that equipment costs. CQLL and CQMM also know where customers are located... both consumer and commercial.

The CostQuest wireline modeling capabilities are designed to address a range of different network topologies. Two primary alternatives today include Fiber to the DSLAM (FTTd) and Fiber to the Premise (FTTp). The relevant topology is of course related to the service goals for the network expansion at hand. These user defined alternatives make the CostQuest wireline modeling platform right for any number of organizations and needs.



Understanding telecommunications network related costs is a complicated issue. Contact us today to learn more about how the CostQuest Associates wireline network modeling platform can help you achieve your goals.

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