

Access Network Whitepaper

Prepared by



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Customer Focused. Technology Driven.

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Overview

For telephone companies desiring to enter the video distribution arena, the selection of an access network is a key decision. A successful video access network requires a significant amount of long-term strategic planning and investment. The selection of an access network platform may also impact other technology choices such as the video headend, middleware and customer premises equipment (CPE).

As shown in Figure 1, the access network system includes the central office equipment, remote field electronics and CPE.

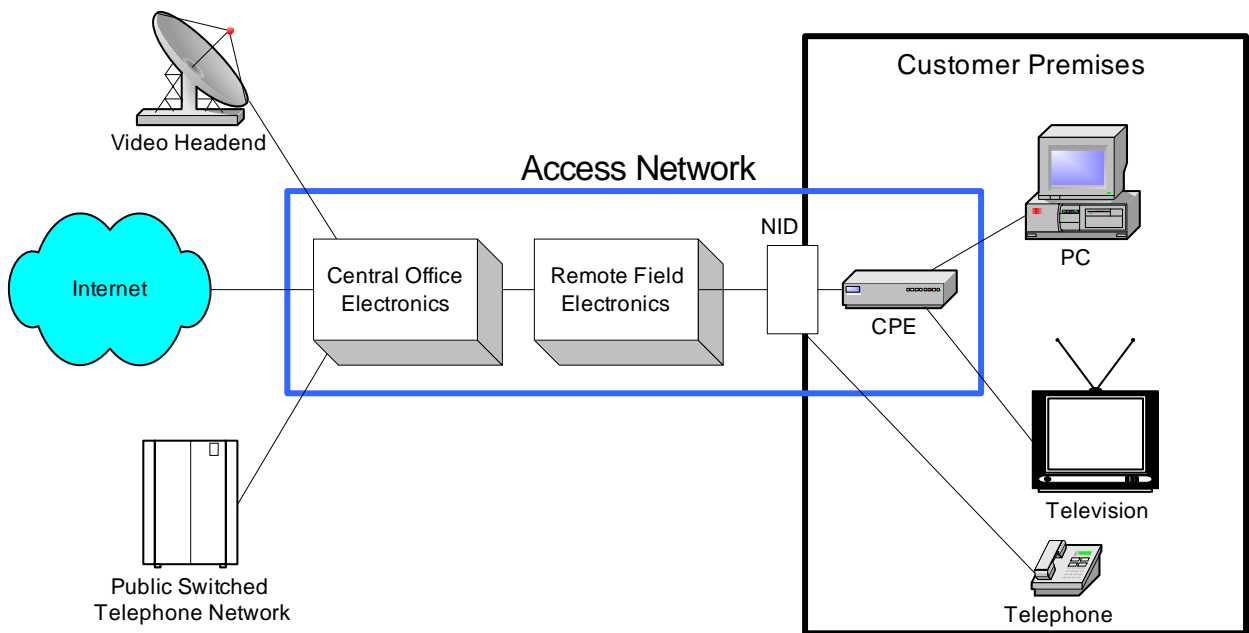


Figure 1 - Access Network

This document explores, at a high-level, network access platforms that are available for telephone companies to offer a “triple-play” of voice services, high-speed data, and video to their subscribers. These platforms are divided in this document according to the physical medium over which services are delivered to subscribers. This includes twisted pair copper, coaxial cable and fiber to the home (FTTH).