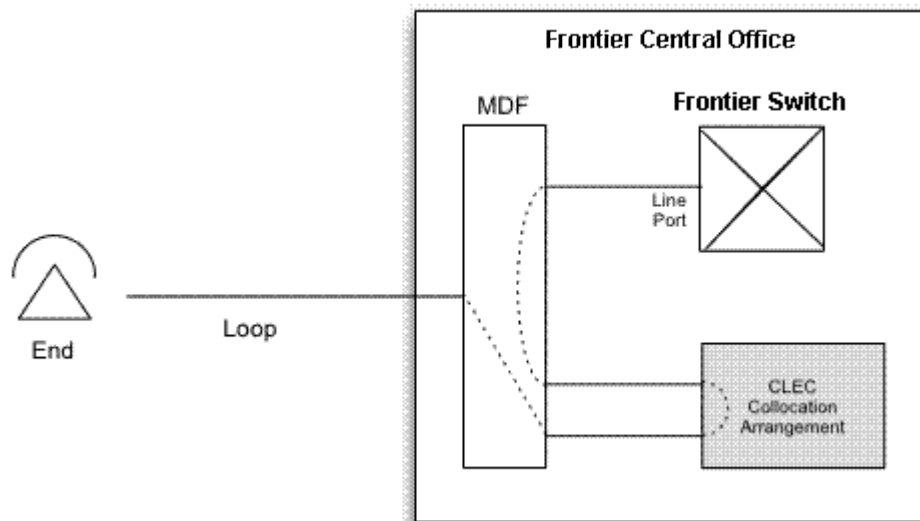




## Collocation Definition/Overview

The Competitive Local Exchange Carrier (CLEC) may request physical collocation or virtual collocation, or both, in Frontier central offices except in those that have space limitations, or where it is not technically feasible to provide a physical collocation arrangement. A single collocation arrangement may serve as the platform for interconnection to Frontier Access Services and Unbundled Network Elements (UNEs). Many CLECs are also Competitive Access Providers (CAPs) and utilize collocation arrangements for interconnection to access services as available per applicable tariffs.



Typical Line Side Collocation Arrangement

In physical collocation, the CLEC occupies space within a central office, and the CLEC installs and maintains its transmission equipment. This is typically in a dedicated, segregated and secured space in that office. Frontier then provides points of interconnection between the CLEC's equipment and the Frontier network. Once the physical interconnection is established and tested, the CLEC buys services or UNEs from Frontier, which the CLEC uses to provide services to its end users. The CLEC typically has 24 hour by 7 day access to its collocation arrangement and is responsible for the provisioning, maintenance, and repair of its equipment.

In virtual collocation, the CLEC leases the equipment to be collocated to Frontier for a nominal sum of \$1.00 or through some other arrangement. Frontier then handles the provisioning, maintenance, and repair of the equipment at the CLEC's direction on a non-discriminatory basis. Virtual collocation offers the CLEC similar benefits as physical collocation utilizing the same equipment that the CLEC may deploy within a physical collocation arrangement. The major difference between physical and virtual collocation is that in virtual collocation the CLEC does not have access to the central



office or the equipment. The CLEC has the ability to perform remote provisioning and maintenance of the collocated equipment. However, the equipment is provided by and dedicated to the CLEC and is installed by an approved vendor, which in certain conditions may be selected by the CLEC.

This section is presented to assist the CLEC in interfacing with Frontier when ordering physical or virtual collocation from Frontier.

This section was created to help familiarize Frontier's collocation customers with Frontier's collocation service offerings, ordering procedures, answers to common questions regarding physical collocation, virtual collocation, and dedicated transit service, and to provide guidance for Frontier and the CLEC in implementing a collocation arrangement. The specific rates, terms, and conditions of a collocation arrangement are detailed in the various tariffs on file with state commissions or the Federal Communications Commission (FCC).

## **Preface**

The Frontier Account Management Team serves as the gateway for interfacing to the many different organizations the CLEC interacts with during the implementation and operation of the collocation arrangement.

The Frontier Collocation Implementation Team is responsible for coordinating the implementation of a collocation site. This is made up of Frontier Collocation Program Managers and the Local Collocation Coordinators (LCC). Upon receipt of a collocation application, the LCC facilitates a site implementation meeting with the CLEC to review specific and technical implementation questions and details, and works with the CLEC to implement each collocation arrangement.

Collocation processes (i.e., service ordering, provisioning, maintenance, billing, etc.) generally mirror contemporary access practices and procedures. Collocation serves as a platform for interconnection to Frontier's access services and Unbundled Network Elements (UNEs).

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