

MEF 54 - Ethernet Interconnect Points (EIP)

Ethernet Interconnect Point (EIP): An ENNI Implementation Agreement

MEF 54 is an Implementation Agreement document developed by the [Service Operations Committee](#) of the MEF that describes **Ethernet Interconnect Points**.

Abstract:

This document is intended to act as an Implementation Agreement for any Operator interested in connecting their Carrier Ethernet network to another Operator using an Ethernet ENNI.

This Implementation Agreement draws heavily from MEF 26.1 “External Network Network Interface (ENNI),” and MEF 33 “Ethernet Access Services Definitions,” but it doesn’t amend, change, or supersede them in any fashion. Rather, this document allows Operators to follow practical guidelines to help them efficiently evolve their networks to meet full MEF E-Access capabilities – either all at once, or in a series of steps.

In addition, this Implementation Agreement documents the results of a series of ENNI testing performed between a sample of US based Operators. The test results are intended to help Operators understand and overcome a myriad of issues they may expect to encounter when embarking on the establishment of ENNIs with an Operator adjacent to their footprint. Specifically, when each Operator has different Ethernet Interconnection capabilities and configurations.

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