



Interconnection Mesh

Reduce complexity and streamline your data center interconnection strategy for multi-site deployments

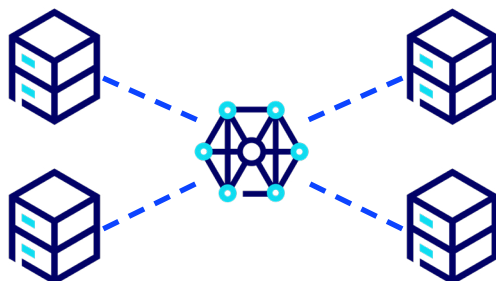
To support business requirements, growing companies are adding needed application capacity close to users in regional markets. Connecting two and even three data centers is relatively manageable but once additional locations are added, the complexity and management of the network becomes resource intensive.

Companies need solutions that allow them to add more redundant sites and services more quickly and easily without the need for additional configurations or multiple circuits.

The Flexential Interconnection Mesh is designed to be a superior and agile service that simplifies multi-site network connectivity and provides built in redundancy to ensure high availability connections allowing for an any to any type of connection. This allows customers to plug into ports and instantly have connection to all other ports on the same connectivity mesh. With two options available for customers, Flexential Interconnection Mesh offers total flexibility for multi-site connectivity as either a layer 2 solution (E-LAN) or a layer 3 solution (L3VPN). Both iterations offer rapid "Day 2" expansion with the ability to easily add additional sites to existing deployments.

Simplify multi-site network connectivity

The current trend of placing multiple network stacks in regional markets requires more data center interconnections, which means more carrier circuits, more cost and increased complexity and friction. This can lead to long deployment processes and slows time to market. In addition, it produces unpredictable reliability and is not inherently redundant.



Interconnection Mesh



Key benefits

- Any to any connections
- Seamless quick provisioning
- Reduced complexity
- Improved scalability
- Simplified network strategy
- Inherent redundancy and increased reliability
- Ease of expansion capabilities

Interconnection mesh functionality

Availability markets	All Flexential colocation
Ethernet transport product	E-LAN: Provides a single broadcast domain to all participating interfaces; Flexential does not participate in layer 3 routing or L3VPN: Connects all participating interfaces to a Flexential managed router or routing-instance; Flexential actively participates in the layer 3 routing and segments each connection to its own broadcast domain
Backbone technology	BGP EVPN over MPLS
Physical handoff	- 1G SMF (1310m) - 10G SMF (1310m)

Interconnection Mesh is just one component of Flexential Interconnection, a collection of connectivity solutions, which enable our customers to grow, scale and interconnect their businesses. Flexential also provides point to point connections with our Data Center Interconnect (DCI) product, connections to the leading public cloud providers (AWS, Azure, GCP and Oracle) with our Cloud Fabric product, and internet connections with our IP Bandwidth product.