FLEXENTIAL®



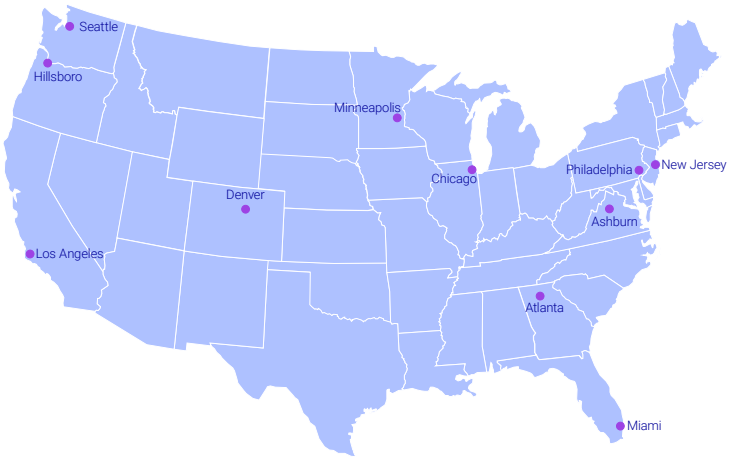
Flexential Data Center Interconnect (DCI)

Rapid, secure connectivity between two points on the Flexential network

Flexential Data Center Interconnect (DCI) is a fully managed point-to-point connectivity service that securely connects infrastructure, applications, and data between two locations on the Flexential network. Leveraging the Flexential nationwide backbone, DCI delivers resilient Layer 2 connectivity with high availability, end-to-end management, and predictable performance.

Built for modern hybrid IT environments, DCI enables organizations to establish secure connections between data centers, carrier hotels, disaster recovery sites, cloud access locations, and other critical infrastructure points without relying on the public internet.

Available through Flexential Fabric, DCI provides on-demand connectivity managed through a self-service portal, allowing organizations to rapidly provision, scale, and manage services while maintaining the security and reliability required for business-critical workloads. Based on Layer 2 VPN pseudowire technology, the service is delivered over dedicated network interfaces and supports bandwidth policies designed to meet a wide range of connectivity requirements.



Connects to national carrier hotels

Features

- Point-to-point Layer 2 connectivity between any two locations on the Flexential network
- Connectivity over a resilient 100+ Gbps network backbone
- Fully managed service with end-to-end operational support
- Diverse, fully redundant network paths
- Automatic failover for enhanced service continuity
- Fixed bandwidth pricing for predictable monthly costs
- Access through 10 Gbps and 100 Gbps network interfaces, depending on market availability
- Flexible bandwidth policies to support a broad range of application and workload requirements
- Fast deployment and provisioning
- Connectivity to Flexential data centers, carrier hotels, disaster recovery sites, and service locations
- Provisioning and management through Flexential Fabric self-service portal

Benefits

Highly available connectivity
Maintain reliable connectivity between critical locations with redundant network paths and automatic failover designed to support business continuity objectives.

Simplified network operations
Reduce the complexity of managing multiple providers through a single, fully managed connectivity solution backed by Flexential engineers and a 24x7 Network Operations Center.

Secure private transport
Move data between locations over a dedicated private connection that avoids the congestion, unpredictability, and security concerns of the public internet.

Faster time to value
Deploy new connectivity services quickly with streamlined provisioning and implementation, helping organizations accelerate infrastructure initiatives and expansion projects.

Flexible growth
Scale connectivity requirements as business demands evolve, supporting expanding workloads, disaster recovery strategies, hybrid cloud architectures, and distributed IT.

Consistent performance
Support latency-sensitive applications, replication traffic, backup operations, and inter-data-center communications with predictable, high-performance network connectivity.

Important: Flexential offers this service through both legacy Dedicated Port infrastructure and the Flexential Fabric platform. Service capabilities, interface speeds, bandwidth options, and technical specifications may vary by platform and market availability. Flexential Fabric currently provides access through 10 Gbps and 100 Gbps interfaces in select markets, with additional 100 Gbps locations being enabled as network expansion continues. Please contact your account representative to confirm current availability, supported configurations, and service specifications for your environment.

Provision DCI on demand with Flexential Fabric

Utilize Flexential Fabric, the single-port solution for software-defined interconnection, to provision secure point-to-point connectivity between Flexential locations in minutes. Through an intuitive self-service portal, customers can deploy, modify, and manage DCI services on demand while maintaining visibility and control across their hybrid IT environments.