

# Flexential Colorado Tour Guide



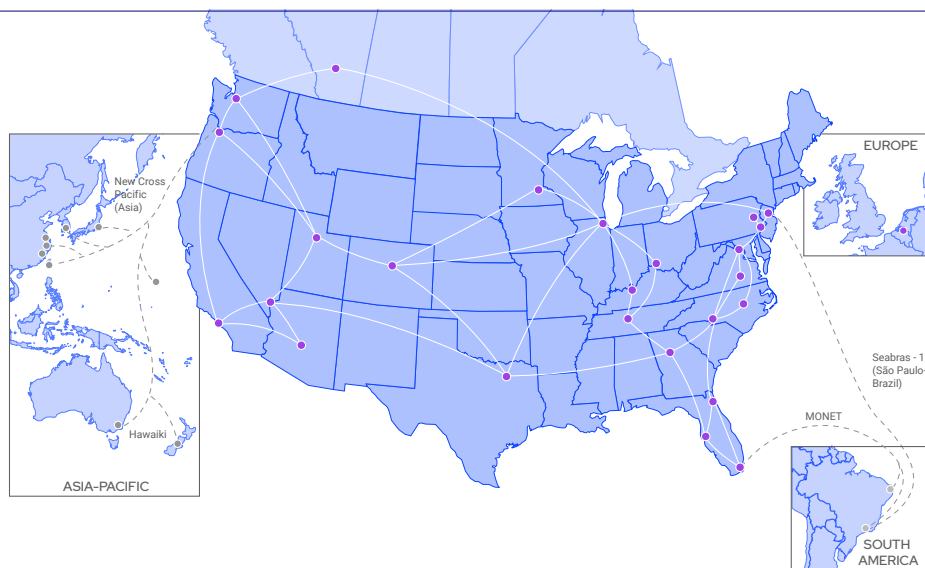
# FlexAnywhere™ Platform



**Solve complex infrastructure requirements with colocation and cloud solutions tailored to meet your evolving needs.**

The intricacy and cost associated with integrating, managing and protecting legacy applications, on-premise and cloud-based environments can be overwhelming. Flexential's consultative approach addresses your specific demands by tailoring our comprehensive colocation, cloud, data protection, managed and professional services portfolio to deliver optimal, long-term performance for your critical applications.

## Highly Connected, National Platform



- Colocation | Cloud Data Centers | DRaaS Data Centers | Network PoPs | Cloud On Ramps | Cloud Fabric
- Network Backbone    - - - Subsea Cables

For an interactive map of our data centers, cloud regions, DRaaS regions, PoPs and cloud on ramps go to [flexential.com](https://flexential.com)

ESTABLISHED: **1999**

## Broad Reach & Capabilities

**100 Gbps**  
Network Backbone

**3+ Million**  
Sq. ft Footprint

**235 MW**  
Critical Load  
UPS Capacity

**370+**  
On-Net Carriers

**19**  
Data Center Markets

**39**  
Data Centers

# Why Flexential?

With 39 data centers across 19 markets, Flexential’s highly connected, national data center platform and full suite of colocation, cloud, data protection, managed and professional services, flex to empower our customers’ evolving infrastructure requirements.

## End-to-End Data Center Solutions Portfolio



### COLOCATION

Benefit from secure, highly efficient data centers offering high-density power capabilities and geographic proximity for the utmost control of distributed architectures.



### CLOUD

Solve complex hybrid IT challenges and support long-term business growth by implementing private, public and hybrid cloud solutions.



### CONNECTIVITY

Access hundreds of carriers, hyperscale cloud providers and hybrid IT networks as well as Flexential’s 100 Gbps network backbone to enable your interconnection needs.



### DISASTER RECOVERY

Protect your data, applications and infrastructure from disruptions using disaster recovery solutions as unique as your business requirements.



### MANAGED SERVICES

Outsource critical aspects of your infrastructure from applications to networks and security so your IT staff has time to focus on core business initiatives.



### PROFESSIONAL SERVICES

Accelerate your IT journey through consultative, end-to-end engagements that address the most complex infrastructure, security and compliance challenges.

## You’re in Good Company

**FRONTIER**

 **Centura Health**

**AutoNation**  
Watch Customer Story

**HITACHI**  
Inspire the Next

**tyco**

 **noodles**  
& COMPANY

 **McAfee**

**COX**

**QUESTBLUE**



# Flexential Interconnection

Create a Powerful Ecosystem of Clouds, Partners  
and Customers with DCI and Interconnection Mesh,  
IP Bandwidth and Cloud Fabric

Today's IT leader is juggling more complexity than ever before. Concerns over security, latency, performance and cost combined with the reality of supporting an explosion of cloud-based applications, next generation technologies, disconnected systems of compute, storage and databases that do not communicate with one another or provide scalability are common and painful business challenges.

In order to ensure optimal performance and long-term viability, savvy enterprises are shifting to a hybrid IT approach that matches workload and application requirements with the appropriate infrastructure solution. Further success is achieved by moving workloads closer to users to reduce latency and provide a consistent customer experience.

To optimize this hybrid approach, you need a partner with the physical infrastructure and connectivity options to seamlessly support today's requirements, the flexibility to accommodate future growth and the expertise to integrate, manage and protect your legacy applications, on-premise, colocated and cloud-based environments.

Flexential Interconnection delivers scalable, industry-leading interconnection options through the combination of Data Center Interconnect (DCI) and Interconnection Mesh, IP Bandwidth and Cloud Fabric to create an ecosystem that delivers secure and reliable connectivity options.

# Optimize Your Corporate Network

Leverage Flexential Interconnection to connect with cloud and software-as-a-service (SaaS) providers, customers and partners, while increasing performance and reducing latency. Providing a distributed network approach allows businesses to access the breadth of Flexential's portfolio of services including data protection and managed services.

## DCI and Interconnection Mesh -

Flexential's flexible transport solutions, including Data Center Interconnect (DCI) and Interconnection Mesh enable connectivity between data centers on Flexential's 100Gbps backbone, connecting you to CSPs, peering exchanges, carriers and partners.

**Cloud Fabric** - Flexential's Cloud Fabric solution provides a secure, Layer 2 private network transport to AWS, Azure, Google and Oracle via a single port connection managed through the Cloud Fabric Portal.

**IP Bandwidth** - Scalable from 10 Mbps up to 40 Gbps across all Flexential locations—and up to 100 Gbps at select sites—our IP bandwidth service enables you to seamlessly manage peak traffic and workload demands.

- Reduce latency and improve performance by distributing workloads and bringing applications closer to the user
- Modernize your network through technology enablement
- Scalable data center footprints and connectivity
- Private, secure and reliable connectivity from the local edge to the cloud (and everything in between)
- Optimize costs by placing data adjacent to the compute resources for faster more efficient workload processing
- Simple to build, scale and deploy additional locations, capacity and services through an ecosystem of space, services and interconnection designed to work together seamlessly

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**"To create a scalable, agile infrastructure, Infrastructure and Operations leaders will require an ecosystem of service partners."**

*Source: Your Data Center May Not be Dead, but it's Morphing, Gartner*

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## Connect Anywhere

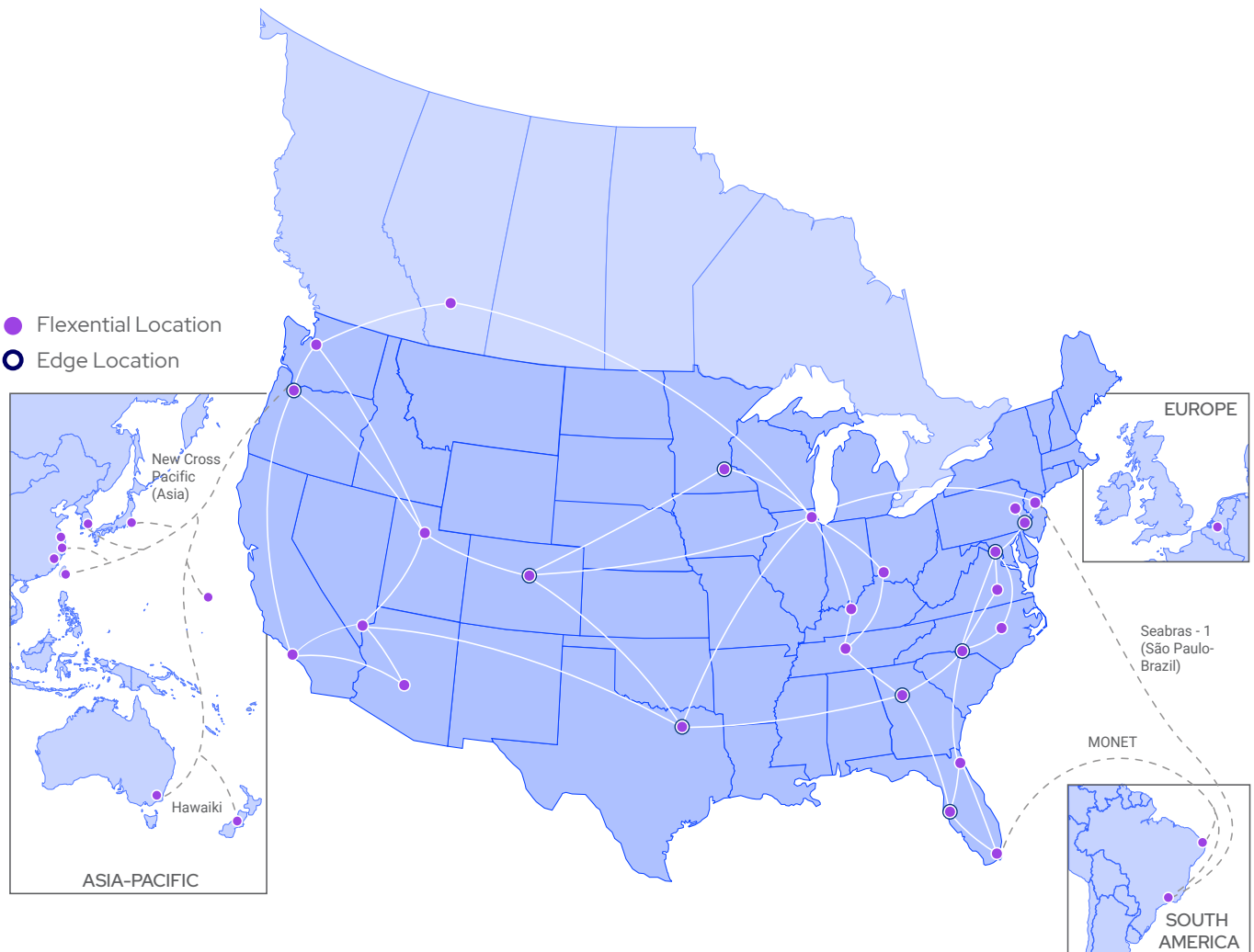
The centerpiece of Flexential Interconnection is our high-speed, private, secure network backbone. Our backbone is built to connect all of the data centers in our portfolio as well as strategic carrier hotels. This means that once your data is on our network, it's on a private dedicated path to its destination. Your data does not ride over the internet. This provides security and increased performance because the packets aren't sharing space with unrelated traffic such as social media, streaming content and malicious internet traffic. Flexential Interconnection is fast, simple and secure.

## Position Workloads and Data Where They're Needed

The growth of enterprise network-based applications, the Internet of Things and Big Data are driving the next technological evolution. As the amount of data generated through these technologies increases exponentially, your connectivity and infrastructure needs will continue to change. Flexential Interconnection provides the flexibility to dynamically adjust your IT infrastructure by delivering the tools to move data and compute to the edge, easily integrate new technologies and elastically adjust capacity.

# Flexential Interconnection

## ACCESS POINTS



For an interactive map of our data centers, cloud regions, DRaaS regions, PoPs and cloud on ramps go to [flexential.com](https://flexential.com).

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**Working with a high-quality partner enhances the integrity of our offerings and enables us to better deliver affordable and fast connections to our customers, whether they are on the ground, in the air or at sea."**

**Jim Elliot**  
VICE PRESIDENT, TECHNICAL OPERATIONS  
Viasat

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**Flexential is leading the way with rich, secure  
and broad connectivity to enable your success.**

**That's why you need  
Flexential Interconnection.**





# Denver – Downtown Data Center

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Our Denver - Downtown data center is equipped to provide superior support for your IT transformation journey. It offers 2N UPS redundancy and a 100% service level agreement on power.

If you are in the healthcare industry or if you process credit card payments online, we are here to help secure, manage and maintain compliance. The Denver - Downtown data center is certified for compliance with several industry and regulatory standards, including the HITRUST CSF and PCI DSS.

The best feature of our data center is the people who are on-site 24/7 to protect, monitor and support your infrastructure. Our local engineers and service staff are proven experts in managing and optimizing infrastructure, and we treat your environment as if it was our own. Our IT infrastructure solutions have one thing in common: a deeply ingrained “customer-first” culture. It means no matter what we’re providing - from colocation to cloud - we put the customer at the top of our org chart and empower all employees to provide the highest standards of service.

## Quick Facts

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- 35,325-square-foot data center footprint
- 529 kW critical load UPS capacity; 2N UPS redundancy
- 100% SLA on power, network and bandwidth
- 4-zone security access

## Additional Features

- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Office lease space available
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

## Facility specifications

### Power & Cooling

- 2N UPS redundancy
- 529 kW critical load UPS capacity
- Accommodate up to 5 KW per cabinet
- Hot/cold aisle configuration
- 100% power SLA
- 2.0 PUE rating

### Compliance

- HITRUST CSF compliant site
- PCI DDS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

### 24/7 Security

- Round-the-clock security and technical staff
- Dual-factor authentication access
- PIN verification system
- 4-zone security access
- Monitored security cameras and intercom system
- Cage cameras available

### Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

## Flexential Solutions Portfolio



Colocation



Connectivity



Cloud



Disaster Recovery



Managed Services



Professional Services





# Denver – Aurora Data Center

With a data center footprint exceeding 171,000 square feet, the Denver - Aurora data center offers ample colocation and connectivity services for any business. It is designed to power and cool even the most demanding environment, with fully redundant UPS power equipment and a redundant, energy-efficient cooling system.

This site is connected to our Denver cloud node as well as our network backbone with an industry-leading bandwidth of 100 gigabits per second, scalable to 400 Gbps. We are exceptionally equipped to support your IT transformation journey and deliver low latency and high capacity for your mission-critical applications. Rely on us for Layer 2 access to 80 on-net carriers, proactive Layer 3 and Layer 4 distributed denial of service protection and a 100% network and bandwidth uptime commitment.

If you are in the healthcare industry or if you process credit card payments online, we are here to help secure, manage and maintain compliance. The Denver - Aurora data center is certified for compliance with several industry and regulatory standards, including the HITRUST CSF and PCI DSS.

## Quick Facts

- 171,289-square-foot data center footprint
- 6.75 MW critical load UPS capacity; N+1 UPS redundancy
- N+1 cooling redundancy
- 100% SLA on power, network and bandwidth
- 100 Gbps network backbone, scalable to 400 Gbps
- 4-zone security access

## Additional Features

- Cloud node on-site
- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

## Facility specifications

### Power & Cooling

- N+1 UPS redundancy
- 6.75 MW critical load UPS capacity
- 150 W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.4 PUE rating

### Compliance

- HITRUST CSF compliant site
- PCI DSS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

### 24/7 Security

- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 4-zone security access
- Monitored security cameras and intercom system
- Cage security cameras available

### Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

## Flexential Solutions Portfolio



Colocation



Connectivity



Cloud



Disaster Recovery



Managed Services



Professional Services



# Denver - Centennial Data Center

Our Denver - Centennial data center is equipped to provide superior support for your IT transformation journey. With a data center footprint exceeding 43,000 square feet, this site offers ample colocation and connectivity services for any business.

The Denver - Centennial data center is connected to our network backbone with an industry-leading bandwidth of 100 gigabits per second, scalable to 400 Gbps. We are exceptionally equipped to deliver low latency and high capacity for your mission-critical applications. Rely on us for Layer 2 access to 80 on-net carriers, proactive Layer 3 and Layer 4 distributed denial of service protection and a 100% network and bandwidth uptime commitment.

This site is certified for compliance with several industry and regulatory standards, including the HITRUST CSF and PCI DSS. We are among a select few in the industry that can provide a certified, protected environment to support compliance with these standards.

## Quick Facts

- 43,294-square-foot data center footprint
- 1.60 MW critical load UPS capacity; 2N UPS redundancy
- N+1 cooling redundancy
- 100% SLA on power, network and bandwidth
- 100 Gbps network backbone, scalable to 400 Gbps
- 4-zone security access

## Additional Features

- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Office lease space available
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

## Facility specifications

### Power & Cooling

- 2N UPS redundancy
- 1.60 MW critical load UPS capacity
- 150 W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.8 PUE rating

### Compliance

- HITRUST CSF compliant site
- PCI DSS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

### 24/7 Security

- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 4-zone security access
- Monitored security cameras and intercom system
- Cage cameras available

### Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

## Flexential Solutions Portfolio



Colocation



Connectivity



Cloud



Disaster Recovery



Managed Services



Professional Services





# Denver - Englewood Data Center

With a data center footprint approaching 250,000 square feet, the Denver - Englewood data center, located in the Denver metropolitan area, is one of the largest single-floor data halls in the world. It has module-redundant UPS power equipment and multiple redundant fiber-optic telecommunication networks. This means your mission-critical data is always available. As a Generation 4 data center, this facility is purpose-built to accommodate power densities of over 1,500 watts per square foot, with 24-foot ceilings, proprietary and highly efficient cooling units and a pressurized raised floor.

With a cloud node on-site and a network backbone of 100 gigabits per second, scalable to 400 Gbps, we are exceptionally equipped to support your IT transformation journey and deliver low latency and high capacity for your mission-critical applications.

Rely on us for Layer 2 access to 80 on-net carriers, proactive Layer 3 and Layer 4 distributed denial of service protection and a 100% network and bandwidth uptime commitment.

If you are in the healthcare industry or if you process credit card payments online, we are here to help secure, manage and maintain compliance. The Denver - Englewood data center is certified for compliance with several industry and regulatory standards, including the HITRUST CSF and PCI DSS.

## Quick Facts

- 240,549-square-foot data center footprint
- 18 MW critical load UPS capacity; Distributed Redundant 4:3 UPS
- N+2 cooling redundancy
- 100% SLA on power, network and bandwidth
- 4-zone security access

## Additional Features

- Cloud node on-site
- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Office lease space available
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

## Facility specifications

### Power & Cooling

- Distributed Redundant 4:3 UPS
- 18 MW critical load UPS capacity
- 1500 W/SF power density
- N + 2 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.3 PUE rating

### Compliance

- HITRUST CSF compliant site
- PCI DSS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

### 24/7 Security

- Physical environment, power delivery, generator and diesel fuel infrastructure monitoring
- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 4-zone security access
- Monitored security cameras and intercom system
- Cage cameras available

### Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

## Flexential Solutions Portfolio



Colocation



Connectivity



Cloud



Disaster Recovery



Managed Services



Professional Services