Flexential Wholesale
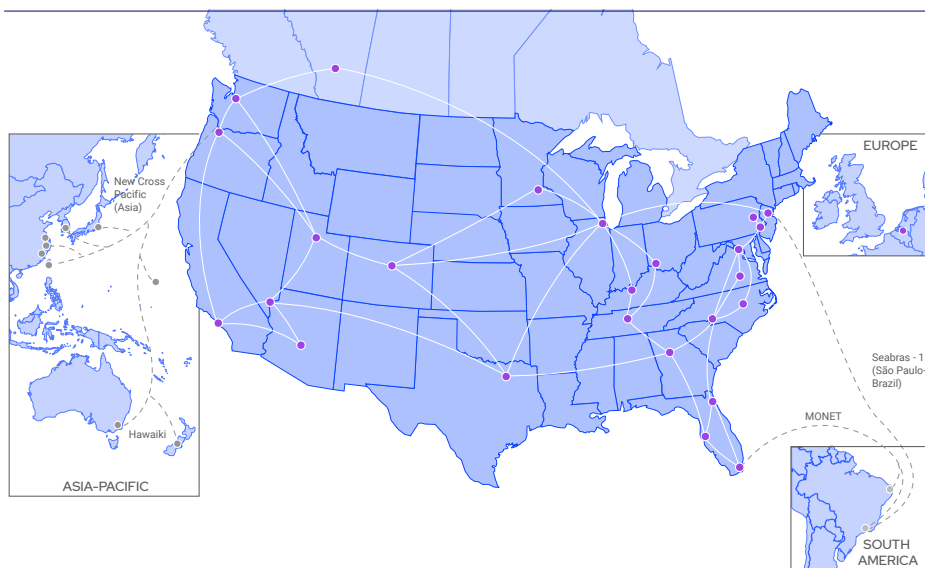# **Tour Guide**

FLEXENTIAL®

Contents

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

EUROPE

New Cross
Pacific
(Asia)

Seabras - 1
(São Paulo-
Brazil)

MONET

Hawaiki

ASIA-PACIFIC

SOUTH
AMERICA

● 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

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

> **"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*
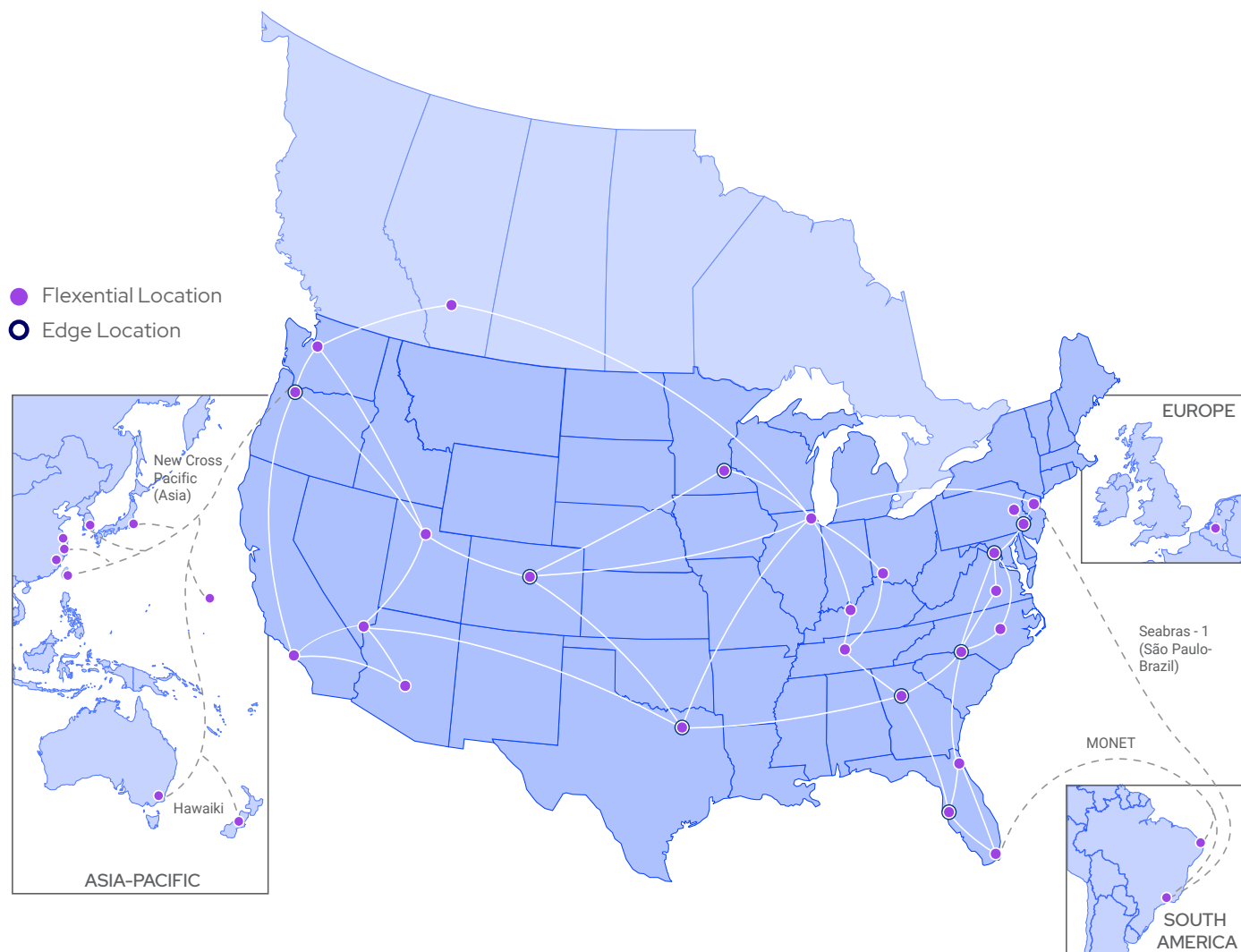
Connect Anywhere

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

- ● Flexential Location
- ○ Edge Location

Asia-Pacific inset:
New Cross Pacific (Asia)
Hawaiki
ASIA-PACIFIC

Europe inset:
EUROPE

Seabras - 1 (São Paulo-Brazil)

MONET

South America inset:
SOUTH AMERICA

For an interactive map of our data centers, cloud regions, DRaaS regions, PoPs and cloud on ramps go to flexential.com.

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

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

That's why you need Flexential Interconnection.

Atlanta – Alpharetta
Data Center

Flexential provides exceptional colocation, connectivity and compliance IT solutions in the heart of Alpharetta's tech corridor, with a data center complex featuring 2N power redundancy and N+1 cooling redundancy.

We offer premium connectivity, including an industry-leading 100 gigabit network backbone - scalable to 400 Gbps, carrier hotel connectivity, 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.

Security and compliance support are part of the package. Our physical security features include, among others: 4-zone security access, biometric scanners and monitored security cameras and intercom systems. The site is compliant with several industry and regulatory standards. We are among a select few in the industry that can provide a certified, protected environment to support compliance with PCI DSS.

Quick Facts

- 142,475-square-foot data center footprint
- 6 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, plus cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as and performance and network architecture support, available

Facility specifications

Power & Cooling

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

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

Compliance

- 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

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

Dallas – Plano
Data Center

Our Generation 4 Dallas - Plano data center 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 data center footprint of more than 260,000 square feet, we offer plenty of room to grow with you.

Our Dallas - Plano data center also offers premium connectivity, including an industry-leading 100 gigabit network backbone -- scalable to 400 Gbps, carrier hotel connectivity, 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 also 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 make this claim and provide a certified, protected environment to support your compliance requirements and security needs.

Quick Facts

- 261,425-square-foot data center footprint

- 18 MW critical load UPS capacity; Distributed Redundant 4:3 UPS

- N+1 cooling redundancy

- 100% SLA on power

- 100 Gbps network backbone, scalable to 400 Gbps

- 6-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

- Distributed Redundant 4:3 UPS
- 18 MW critical load UPS capacity
- 1500 W/SF power density
- N + 1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.3 PUE rating

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
- 6-zone security access
- Monitored security cameras and intercom system
- Cage security cameras available

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

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

TIER III FACILITY
UPTIME INSTITUTE CERTIFIED

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

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

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

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

Las Vegas – North
Data Center

With a data center footprint exceeding 111,000 square feet, our Las Vegas - North data center features N+1 power and cooling redundancy as well as premium connectivity. Flexential is one of few data center providers with a 100 gigabit network backbone – scalable to 400 Gbps. We also offer 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.

Security and compliance support are part of the package. Our Las Vegas - North data center is compliant with several industry and regulatory standards, including the HITRUST CSF and PCI DSS. We are among a select few in the industry that can make this claim and provide a certified, protected environment to support your compliance requirements and security needs.

Quick Facts

- 111,240-square-foot data center footprint

- 9 MW critical load UPS capacity; Distributed Redundant 4:3 UPS

- N+1 cooling redundancy

- 100% SLA on power

- 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

- Distributed Redundant 4:3 UPS
- 9 MW critical load UPS capacity
- 1500 W/SF power density
- N + 1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.3 PUE rating

24/7 Security

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

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

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

Minneapolis – Chaska
Data Center

As a Generation 4 data center, our Minneapolis - Chaska data center in the Minneapolis metropolitan area 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. The data center spans over 160,000 square feet with ample room for growth, providing you with exceptional cage configuration flexibility.

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 Minneapolis - Chaska data center is certified for compliance with several industry and regulatory standards, including the HITRUST CSF and PCI DSS.

Quick Facts

- 160,838-square-foot data center footprint
- 9 MW critical load UPS capacity; Distributed Redundant 4:3 UPS
- N+1 cooling redundancy
- 100% SLA on power, network and bandwidth

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

- Distributed Redundant 4:3 UPS
- 9 MW critical load UPS capacity
- 1500 W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA

24/7 Security

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

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

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

Nashville – Franklin
Data Center

Our 80,000-square-foot Nashville - Franklin data center was purpose-built to deliver maximum performance, reliability and connectivity. The site features 2N UPS power redundancy and N+1 cooling redundancy.

In addition, the Nashville - Franklin data center is connected to our industry-leading 100-gigabit network backbone -- scalable to 400 Gbps -- and features carrier hotel connectivity, 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.

Security and compliance support are part of the package. Our physical security features include, among others: 4-zone security access, biometric scanners and monitored security cameras and intercom systems. The site is compliant with several industry and regulatory regulations. We are among a select few in the industry that can provide a certified, protected environment to support compliance with PCI DSS.

Quick Facts

- 80,726-square-foot data center footprint
- 3.75 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
- 3.75 MW critical load UPS capacity
- 150 W/SF power density
- N + 1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.75 PUE rating

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

Compliance

- 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

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

Philadelphia – Collegeville
Data Center

Our 203,000-square-foot data center located in Collegeville, Pa. is designed to provide the power, cooling, network and security that mission-critical IT environments require.

Backed by a 100% commitment to satisfaction as well as power, bandwidth and network services availability, our Philadelphia - Collegeville data center can accommodate high power densities that hyperconverged infrastructure and other memory-intensive and latency-sensitive applications require. The data center features a 2(N+1) fault-tolerant uninterruptible power supply configuration with 7.2 megawatts of UPS critical load capacity, as well as N+1 redundant, energy-efficient cooling, and connectivity to more than 80 carriers.

Quick Facts

- 203,703-square-foot data center footprint
- 7.20 MW critical load UPS capacity; 2(N+1) UPS redundancy
- N+1 cooling redundancy
- 100% SLA on power, network and bandwidth
- 100 Gbps network backbone, scalable to 400 Gbps
- 5 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

- 2(N+1) UPS redundancy
- 7.20 MW critical load UPS capacity
- 1,500+ W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.7 PUE rating

24/7 Security

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

Compliance

- 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

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

Portland – Hillsboro 2
Data Center

Our Generation 4 Portland - Hillsboro 2 data center 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. It also is among the best connected data centers in the world. It is the U.S. point of presence for the New Cross Pacific and Hawaiki transpacific subsea cables that provide direct, low latency connectivity between the United States and the Asia-Pacific region. Moreover, our network backbone delivers an industry-leading 100 gigabits per second of connectivity, which is scalable to 400 Gbps, as well as carrier hotel connectivity, 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. The Portland - Hillsboro 2 data center also has a cloud node on-site to support your hybrid IT needs.

This site also is certified according to several industry and regulatory standards, including the HITRUST CSF and PCI DSS.

Quick Facts

- 242,683-square-foot data center footprint

- 18 MW critical load UPS capacity; Distributed Redundant 4:3 UPS

- N+1 cooling redundancy

- 100% SLA on power, network and bandwidth

- 100 Gbps network backbone, scalable to 400 Gbps

- 5-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
- 1,500 W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.3 PUE rating

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
- 5-zone security access
- Monitored security cameras and intercom system
- Cage security cameras available

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

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
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- 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

Colocation

Connectivity

Cloud

Disaster Recovery

Managed Services

Professional Services

Portland – Hillsboro 3
Data Center

Flexential's Portland-Hillsboro 3 data center is the third—and newest—facility to be added to our Oregon campus, reinforcing Flexential's 20-year commitment to building and operating a highly-connected colocation footprint in the Pacific Northwest. With the addition of Portland – Hillsboro 3 to the Flexential campus, the data center footprint is now nearly 700,000 sq. ft.

Strategically located within Hillsboro's Enterprise Zone region, Flexential's Portland data centers provide customers with significant tax benefits in addition to Oregon's zero percent statewide sales tax.

Portland-Hillsboro 3 is included in Flexential's data center campus cross-connect fiber ring, featuring nine Tier 1 carriers with underground fiber to all major U.S. cities, enabling nominal domestic latency.

Flexential has completed a second campus cross-connect fiber ring, which connects 14 existing or planned data centers and provides access to seven transpacific submarine cable systems.

Flexential's Portland-Hillsboro 3 has direct access to Flexential's NAP of the Northwest facility that hosts two high capacity trans-Pacific cables: New Cross Pacific and Hawaiki which connect Hillsboro and Asia Pacific, including Hawaii, Australia, New Zealand, China, South Korea, Taiwan and Japan. Access to additional trans-Pacific subsea cable destinations are planned for the future.

Quick Facts

- 358,000 sq. ft. data center footprint
- 36 MW critical power capacity
- 20 acres located within the Hillsboro Enterprise Zone
- Highest cooling efficiency design in the region
- Commitment to sustainability with a WUE of 0
- Industry-leading PUE
- Located on the Flexential data center campus, the most interconnected campus in the NW, with subsea cable landings for direct connection to APAC
- High density capabilities

Power & Cooling

- Distributed redundant 4:3 UPS system.
- Fault tolerant electrical and mechanical systems
- 36 MW critical load UPS capacity
- 1,500 W/SF power density
- N+2 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- Designed for 1.3 PUE

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

- 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
- 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