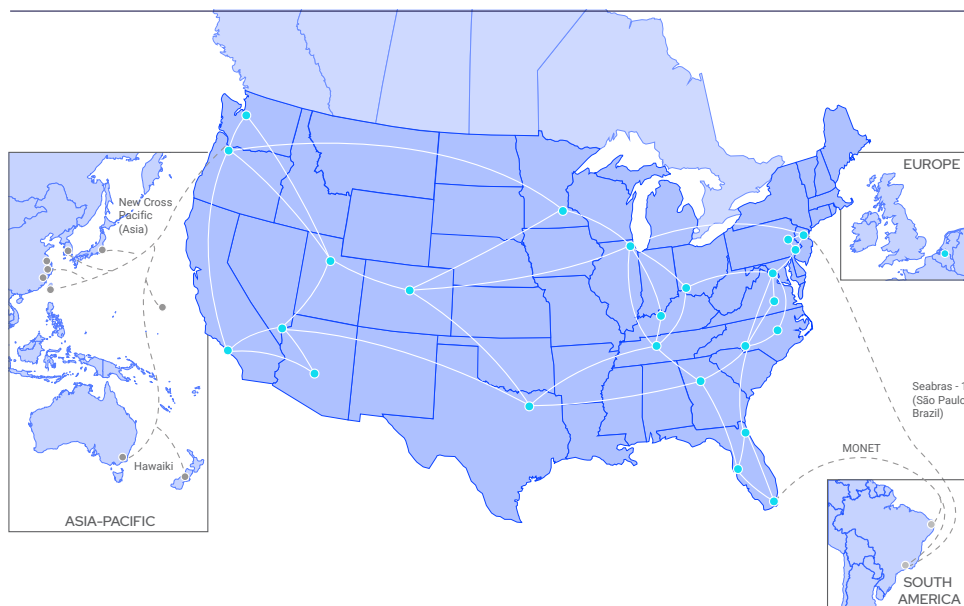# Flexential Tennessee tour guide

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

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 and capabilities

100 Gbps
Network backbone

3 Million+
Sq. ft. footprint

235 MW
Critical load
UPS Capacity

300+
On-net carriers

19
US markets

41
Data centers

Why Flexential?

With 41 data centers across 19 markets, the Flexential highly connected, national data center platform and full suite of colocation, interconnection, cloud, data protection, 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.

Interconnection

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

Cloud

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

Data protection

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

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   HITACHI   tyco
                                          Watch Customer Story   Inspire the Next

noodles   McAfee   COX   QUESTBLUE
& COMPANY

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
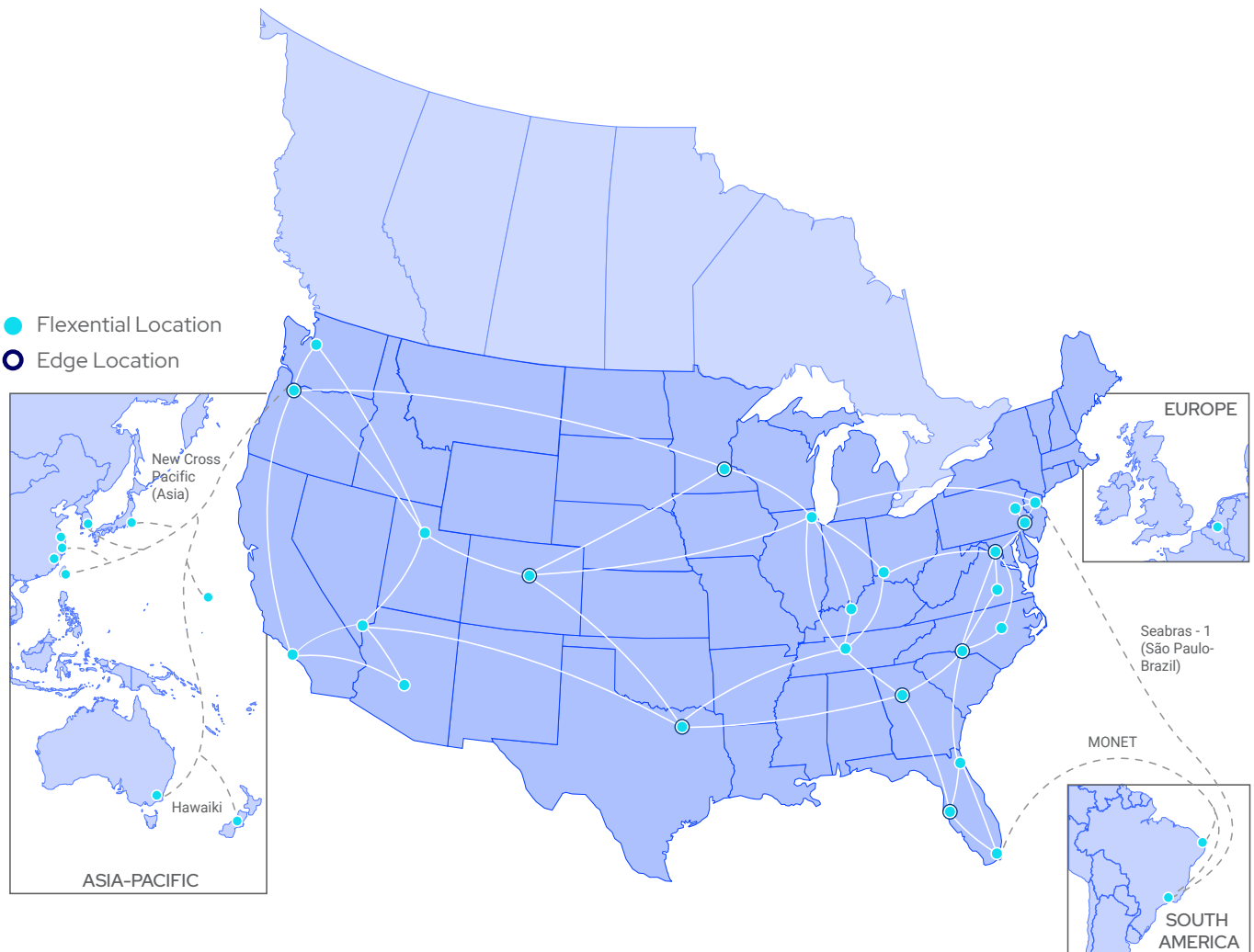
Connect anywhere

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

New Cross Pacific (Asia)

Hawaiki

EUROPE

Seabras - 1 (São Paulo-Brazil)

MONET

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.

Brentwood data center

Our Nashville - Brentwood data center complex features N+1 power and cooling redundancy and a data center footprint approaching 20,000 square feet. It 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.

Flexential aims to work as an extension of your internal IT resources. Regardless of your IT transformation goals, we're here to assist when you need it. Our commitment is to your infrastructure and data, ensuring continuous operations and connectivity around the clock.

Quick facts

- 19,150-square-foot data center footprint
- 1.49 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

- 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

- N+1 UPS redundancy
- 1.49 MW critical load UPS capacity
- 150 W/SF power density
- N+1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.85 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

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

Request a tour

→

Flexential solutions portfolio

Colocation

Interconnection

Cloud

Data Protection

Professional Services

Cool Springs data center

Our Nashville - Cool Springs data center complex features N+1 power and cooling redundancy and is equipped to provide superior support for your IT transformation journey.

Our Nashville - Cool Springs data center 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.

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.

Quick facts

- 74,679-square-foot data center footprint
- 3.15 MW critical load UPS capacity; N+1 UPS redundancy
- 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
- N+1 UPS redundancy
- 3.15 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

24/7 Security
- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 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

Interconnection

Cloud

Data Protection

Professional Services

Request a tour

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

Interconnection

Cloud

Data Protection

Professional Services

Request a tour →

TIER III FACILITY
UPTIME INSTITUTE CERTIFIED