**FLEXENTIAL®**

BLUEPRINT

# Scale your high-performance compute infrastructure



FlexAnywhere solution guide

# Today's IT environments are highly dynamic

IT environments are changing rapidly and dramatically, and the cutting-edge technology, artificial intelligence, and machine learning that are critical to your business are bringing an explosive demand for high-performance infrastructure. Workloads are growing larger and more distributed, demands are increasing, and expectations are higher than ever. With everything-as-a-service, the role of the IT leader has expanded.

To run your applications optimally, you need an environment that is purposefully designed, constructed and operated to deliver high-density capabilities and innovative cooling technologies.

## You need a blueprint for success!

### According to McKinsey:

**$4.4T**
Generative AI could add the equivalent of $2.6 trillion to $4.4 trillion in annual economic benefits

**50%**
By the end of 2024, more than 50 percent of user touches will be augmented by AI-driven speech, written word, or computer-vision algorithms

**180 ZB**
Global data creation is projected to grow to more than 180 zettabytes by 2025

**50 B**
By 2025, 50 billion devices will be connected to the Industrial Internet of Things (IIoT)

# It's time to flip the paradigm with the FlexAnywhere Platform

The FlexAnywhere Platform offers a balance of flexible infrastructure, empowering businesses to optimize their IT footprints in a landscape where applications and data increasingly span across multiple venues.

With a strategic presence in non-traditional data center markets, our national fleet of more than 40 innovatively designed data centers features support for up to 80+ kW per cabinet across 19 markets via a 100 Gbps network backbone. By expanding beyond tier 2 markets, we ensure that high-density colocation services are available where our customers need them, with ample power supplies and efficient resource use.

Advanced liquid cooling systems within our data centers support high-density computing, such as AI and ML workloads, while maximizing energy efficiency and reliability—essential for the intense computational demands of today's enterprises.

Our contiguous space options in Hillsboro and Douglasville, as well as expansions in Denver, are designed to provide wholesale buyers with the capacity and privacy they need for large-scale deployments. Whether its healthcare requiring HIPAA-compliant security or fintech needing ultra-low latency, our data centers are equipped to meet the specific challenges and regulations of top industries.

Our robust relationships with key vendors ensure an agile infrastructure supply chain, with rapid access to essential hardware to scale operations effectively. From a multi-tenant deployment model to a private suite, Flexential high-density colocation solutions are built to meet your needs, with the ability to easily connect to all of the major hyperscale public cloud locations in the world. All connected by the FlexAnywhere Platform, with the flexibility to get where you need to go.

Gone are the days of a centralized workforce—users and their applications are dispersed in a variety of locations.

**Headquarters**

**Regional offices**

**Users at home**

**Users on the go**

**Across the country**

**Across the globe**

This has sparked the emergence of modern mobile and IoT applications to better serve customers and create new revenue streams.

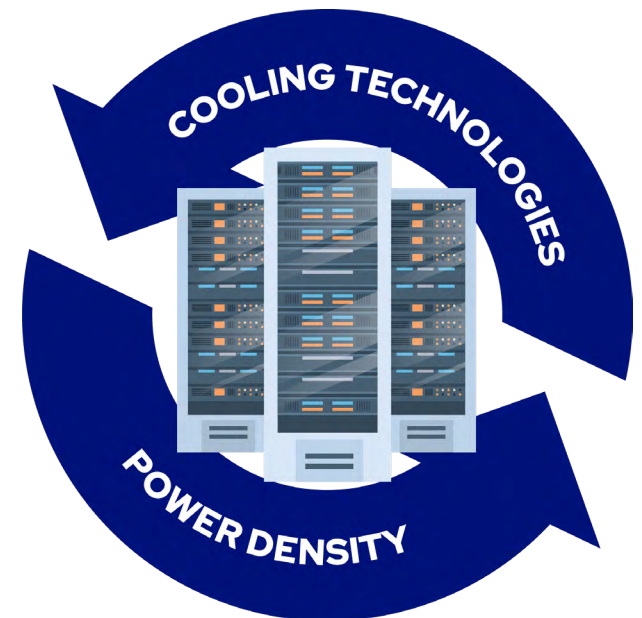# Don't let infrastructure delay your return-on-investment with AI

**IT organizations must act with agility and deploy at scale to meet the power and cooling requirements of today's growing high-performance computing, AI, and ML applications.**

This requires high-density data center designs purpose-built for scaling to support advanced compute applications, hot and cold aisle containment to improve airflow as well as innovative liquid cooling solutions. The right high-density data center solution will increase your speed to market, eliminate outages, reduce operational costs, and enable you to focus on core business competencies.
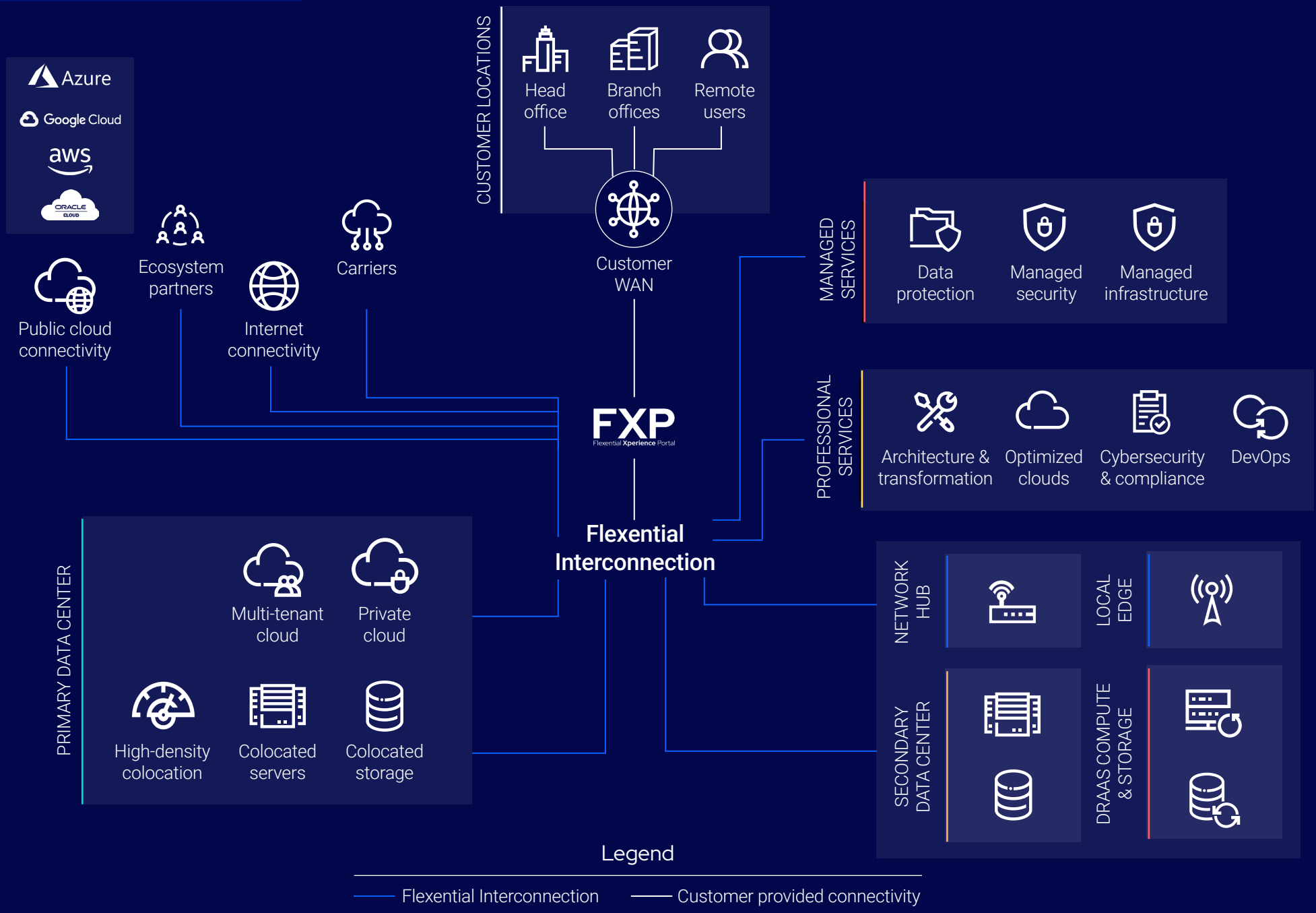
The Flexential FlexAnywhere Platform offers businesses visibility to fully optimize resources as they are needed, along with a comprehensive suite of infrastructure services that span from colocation to cloud and managed services.

We are your blueprint to:

- **Readily available high-density colocation space:** Compliant by Design approach for all services.

- **Visibility across your colocation and infrastructure:** Gain control over data center and cloud resources, provisioning, and consumption to meet high-demand workload and application needs.

- **A colocation partner:** Your applications and infrastructure investments will perform at their highest level with a partner ready to meet your complex data center requirements.

- **Scalable solutions that grow with your business:** Scale your infrastructure seamlessly as your business expands, ensuring your IT resources can meet the increasing demands of your operations.

COOLING TECHNOLOGIES

POWER DENSITY

# FlexAnywhere™ Platform

# High density colocation platform

**CUSTOMER LOCATIONS**

Head office

Branch offices

Remote users

Customer WAN

Azure

Google Cloud

aws

ORACLE CLOUD

Ecosystem partners

Carriers

Public cloud connectivity

Internet connectivity

**MANAGED SERVICES**

Data protection

Managed security

Managed infrastructure

**FXP**
Flexential Xperience Portal

**PROFESSIONAL SERVICES**

Architecture & transformation

Optimized clouds

Cybersecurity & compliance

DevOps

**Flexential Interconnection**

**PRIMARY DATA CENTER**

Multi-tenant cloud

Private cloud

High-density colocation

Colocated servers

Colocated storage

**NETWORK HUB**

**LOCAL EDGE**

**SECONDARY DATA CENTER**

**DRAAS COMPUTE & STORAGE**

## Legend

—— Flexential Interconnection     —— Customer provided connectivity

# Your blueprint to a more dynamic, flexible, and scalable high-density solution

Flexential is a pioneer in high-density design, delivering high-density colocation solutions for over 15 years. The Flexential highly connected FlexAnywhere Platform delivers tailored infrastructure capabilities with proven solutions that can be quickly deployed and scalable to meet your most demanding business needs.

## The blueprint is just the beginning. Empower your hybrid IT journey with Flexential.

Schedule a consultation

**CoreWeave**

"The Flexential expertise and proven track record of delivering high-density capacity on demand made them the prime pick for us, […] helping us meet the explosive demand for high-performance cloud infrastructure to power AI workloads."

**Brian Venturo**
*Chief Technology Officer*
CoreWeave

**FLEXENTIAL®**