



High density colocation

Bringing AI to the nexus of cloud, data, and compute

Today's high-performance compute supporting AI and machine learning applications requires more power to the chip, which few data centers can accommodate. The Flexential fleet of data centers, regionally distributed in power-rich markets, provides 415v power whips supporting up to 80+ kW per cabinet.

AI is here, but is your data center ready? _____

Today's IT environments are highly dynamic, with technology advancing in complexity, workloads are getting larger and more distributed, and end-user expectations are higher than ever.

Yet, many organizations see scaling high-performance compute infrastructure as their primary roadblock. Being able to scale your data is highly dependent on a robust network and being able to bring all the data from different branches and different IoT devices back into the systems.

Don't let infrastructure delay ROI with AI _____

The Flexential footprint across 41 data centers in 19 markets offers robust and resilient connectivity into Asia, South America, and Europe with a 100 GB network backbone and access to major cloud on-ramps, including Google Cloud, Azure, AWS, and Oracle.

Flexential is the perfect partner for organizations that:

- Have AI workloads but are concerned about the cost of the infrastructure
- Lack the resources to support AI workloads in their own data center
- Need immediate access to network-enabled AI-ready facilities
- Require an affordable CapEx/OpEx model for their AI investment



By 2028, 50% of enterprise platforms will leverage specialized infrastructures to support AI infusion.*

**Gartner: Mind the Gap Between Infrastructure and Infrastructure Platforms*

Industries effectively implementing AI strategies:

- Robotics: Manufacturing, construction, navigation
- Healthcare: Cancer detection, drug discovery, genomics
- Internet services: Image classification, speech recognition
- Finance: Trading strategy, fraud detection
- Media & Entertainment: Digital content creation, game development
- Autonomous vehicles: Pedestrian and traffic sign detection, lane tracking

Overcome the challenges of scaling AI infrastructure

Flexential high-density colocation offers cutting-edge features to enhance the performance and efficiency of your data infrastructure with:

Liquid cooling support: Advanced liquid cooling capabilities, facilitated by air-cooled chillers and a comprehensive chilled water loop, ensure optimal temperature control for your high-density setups.

Flexible deployment: Connect rear door heat exchangers, Cooling Distribution Unit (CDU), or immersion tanks directly to our facility water loops, allowing you to tailor cooling solutions to meet the unique requirements of your equipment.

415v power whips for high density colocation deployments: Empower your infrastructure with the necessary power resources for seamless operations.

Experience a range of benefits that set Flexential apart in the world of high-density colocation:

Increased speed to market and competitive edge: With Flexential, you gain a competitive advantage by accelerating your time to market. Our high-density colocation solutions ensure swift deployment, giving you an edge in today's fast-paced business environment.

Ability to scale with increased efficiency: Flexential colocation services guarantee scalability and heightened operational efficiency. This assurance allows you to adapt to changing business needs and ensures your infrastructure operates at peak performance.

Future-proof, next-gen infrastructure architecture: Choose Flexential for a future-proof infrastructure designed for the next generation. Our high-density colocation is built on innovative architecture, keeping you at the forefront of technological advancements.



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“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 Ventura**
Chief Technology Officer
CoreWeave

By 2028, more than 70% of enterprises will alter their data center strategies due to limited energy supplies.*

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