An Adaptive Data Center for Dynamic IT

Aligned's Phoenix Data Center

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Aligned™
Adaptive Data Centers

An adaptive data center

Business needs and IT loads are moving targets. At Aligned's data centers, you can adapt on demand, keeping capacity, performance, and reliability in sync no matter how quickly your requirements change. Whether you're a service provider, hyperscaler or enterprise, with Aligned you'll have an experienced partner on your side.

Adaptive

We can deliver a scalable data center solution sized to your requirements today, and provision capacity on demand as your needs evolve. We'll grow along with you both vertically (in terms of power density) and horizontally (in terms of square feet).

Client portal

Our client portal offers true transparency, with a singular entry point that spans capacity planning, asset optimization, help desk ticketing, and business intelligence. Instead of multiple access points, you have one centralized portal, enabling broader visibility and a more insightful approach to asset management.

Dynamic infrastructure

Our patented cooling technology not only lowers costs, but is also ultra-efficient and sustainable. It supports standard and high power densities (up to 50kW per rack) and offers an industry-leading PUE. Efficient and reliable in any climate, at any load, our cooling technology can grow and scale with you incrementally as needed.

Engineered for resiliency

Resilient

400-year

100% Uptime SLA & carrier-neutral connectivity to ensure your IT operations are always online.

Independently validated - via Fault Tree Analysis - with a reliability class of 0.25% (400-year MTBF).

Rack density

50kW

Variable standard and high density power (up to 50 kW per rack) without additional infrastructure to support high-performance computing demands.

Critical capacity

180MW

We built the Phoenix colocation data center to support 180 MW of critical capacity at full build.

Security

365

Our data centers protect your colocation environment behind multiple layers of physical access controls, including perimeter fences with intrusion laser detection, 24x7x365 on-site security, mantraps, dual authentication including biometrics, event driven IP video surveillance, visual lightbased alerts, and more. We also provide round-the-clock engineering assistance and global monitoring via our Network Operations Center (NOC).

Efficiency

Industr-leading

PUE

We guarantee an industry-leading PUE, regardless of client load or utilization.

Design & facility

Tier III

We built the Phoenix data center to Tier III facility and design standards to ensure our data center is consistent with your uptime objectives.

Services

Colocation

Colocation footprints

Fully enclosed colocation footprints trap and absorb hot air at its source. Footprints easily scale to thousands of racks, allowing you to expand your IT load horizontally and vertically, on demand.

- Variable and contiguous rack densities (up to 50 kW)

- Whip installations or overhead power busways—expandable on demand

- Delta Cube units remove heat at its source

- Cross-connect services or direct carrier interconnection available

- Lockable walls for privacy and air containment supplied by you or Aligned

- Client Portal offers asset monitoring, help desk ticketing, business intelligence, and capacity forecasting from a single entry point

- Implementation Liaison helps facilitate a smooth migration

Remote hands support

Get expert assistance with colocation equipment racking, reboots, disk changes, triage, cross connections, and more. Our engineers are available on-site whenever you need them.

Connectivity

Aligned Access™

Aligned Access provides high reliability connections and low-latency transport wherever you need to go with Cloud Access, DCI Access, Transport Access and On-net Access solutions.

Seamlessly expand your reach and dynamically connect to customers and partners; cloud, IT service and network providers; Internet Exchange (IX) platforms; and Internet Service Providers (ISPs) found within our data centers as well as beyond them.

Flexible Entrance Options

- Our facility features redundant Meet-Me-Rooms and diverse conduit entrance pathways.

- Aligned offers direct carrier interconnection, including dedicated carrier facilities to client suites.

Additional

Custom Client Portal

Opt for a fully customized Client Portal to further tailor the tool, or extend monitoring beyond your Aligned environment.

Dedicated office & storage space

Strengthen your operational performance and ensure efficiency with dedicated office and storage space. Your space is on-net and connected to our UPS system for consistent and reliable functionality.

Build-to-scale solutions

If a multi-tenant solution doesn't fit your needs, we'll deliver standard or custom data center builds in existing or new markets to your specifications.

Colocation footprints

Features

Colocation sold by the footprint—a fully contained enclosure that is tailored to client requirements and loads.

Hot aisle containment traps and contains heat at its source. Use our containment or your own.

Delta Cube features close-coupled, flexible designs, micro-channel coils and highly efficient fans.

Whips or overhead power busways
A/B-configured, flexible, and expandable.

Variable & high density power
Up to 50 kW/rack, in the same row, without additional infrastructure.

Slab floors
Our technology eliminates the need for raised floors.

Dynamic results

■ **Scalable.** We can provision initial deployments of 2 to 20+ MWs of capacity, and scale beyond in as little as 12 weeks.

■ **Future-proof.** Our technologies are here for you today and tomorrow, with power densities up to 50 kW per rack and industry-leading PUE.

■ **Reliable.** We offer a 100% Uptime SLA in a Tier III designed data center.

■ **Sustainable.** Our efficient platform saves up to 85% water and up to 80% energy.

■ **Easy to work with.** We strive to be flexible and easy to do business with—all while offering outstanding customer support.

About Aligned

Aligned is an infrastructure technology company that offers adaptable colocation and build-to-scale solutions to cloud, enterprise, and managed service providers. Our intelligent infrastructure allows densification and vertical growth within the same footprint, enabling customers to scale up without disruption, all while maintaining industry-leading Power Usage Effectiveness (PUE). By reducing the energy, water and space needed to operate, our data center solutions, combined with our patented cooling technology, offer businesses a competitive advantage by improving sustainability, reliability and their bottom line. For more information, visit www.aligneddc.com and connect with us on Twitter, LinkedIn and Facebook.

aligneddc.com

For more information
or to schedule a data center tour,
visit www.aligneddc.com.

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WITH YOUR

SUSTAINABILITY OBJECTIVES
POWER REQUIREMENTS
FUTURE **YOU**
TECHNOLOGIES
TIMETABLE AND VISION
EXPANSION NEEDS

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