

Adaptive Data Centers That Align with Your Sustainability Goals

Aligned is committed to solving the world's toughest sustainability challenges associated with data center infrastructure, energy consumption and water usage. Our adaptive data center platform is focused on helping companies deliver greater business value with less costly energy and infrastructure resources. Sustainability is, and will always be, at the core of what we do.

100% Renewable Power.



Requires less energy, reducing tenant TCO



Able to run waterless, yet flexible enough to connect to water-cooled systems for higher densities



Future-proof infrastructure capable of high-density cooling

The Difference is Our Cooling Technology

Aligned's adaptive data center platform supports high, mixed, and variable density without stranding capacity. To accomplish this, we architect traditionally static systems to be dynamic, able to support different densities, as well as variable power draws.

An essential element of our adaptive data center platform that demonstrates our commitment to sustainability is our patented, award-winning cooling technologies: Delta³™ air and DeltaFlow~™ liquid cooling systems. Delta³ arrays capture and remove heat, rather than pushing cold air into the data hall. This hot aisle containment strategy absorbs heat at its source, supporting standard and high power densities, and allowing data center environments to scale vertically and horizontally without stranding capacity. Aligned can accommodate densities up to 50 kW per rack with its air cooled solution alone.

With DeltaFlow~™, Aligned has also made it simple to transition from air-cooled to liquid-cooled systems, or deploy hybrid cooling systems combining both air and liquid in the same data hall, eliminating the need to construct new AI-dedicated build-to-suit data centers or completely retrofit and retool existing facilities. Aligned is capable of supporting densities ranging from three to 300 kW per rack and beyond, while still maintaining a commitment to sustainability, lower PUE, and waterless designs thanks to its standard, closed-loop system.

Waterless Data Centers

Designed with efficiency in mind, Aligned's standard closed loop system eliminates the use of outside water for a waterless data center solution.

"We believe that sustainability isn't a passing trend, but a competitive advantage to modern data center operations, and a key pillar of our customers' success."

—ANDREW SCHAAP, CEO, ALIGNED

Brownfield Site Development and Reclamation

Revitalizing brownfield sites for new data center development creates transformative change throughout local communities. In accordance with our ESG strategy and commitment to sustainability, Aligned redevelops brownfield sites that have lain dormant for many years, if not decades.

What's more, transforming these properties into assets in local communities provides a stable source of tax revenue and high-paying jobs, spurs ancillary business and service opportunities for the historically disadvantaged neighborhoods and municipalities where they reside, remediates environmental hazards where necessary, and preserves precious greenfield space for other uses.

Building Greener

The path to broader and more actionable sustainability at Aligned begins with how we design and construct our data centers and campuses. It continues with taking accurate measurements of all carbon sources and mitigating water usage to ultimately reduce, reuse, and recycle wherever possible.

From site selection and planning to energy and water-efficient design, sustainable material selection, and waste reduction and management, Aligned's sustainable construction program encompasses a holistic approach to building practices that minimizes environmental impact, conserves resources, and promotes healthy, livable, and resource-efficient spaces for future generations.

Four of Aligned's hyperscale facilities have also recently earned Green Globes certification from the Green Building Initiative.

Sustainable Investments

Aligned secured the largest-ever inaugural data center securitization in history. The company's financing is tied to core ESG and sustainability objectives:

- **Sustainability Reporting:** Transparency regarding sustainability best practices & reporting
- **Renewable Energy:** A commitment to match 100% of our annual energy consumption to zero-carbon renewable energy by 2024
- **Workplace Safety:** Reporting on and having an industry-leading Total Recordable Incident Rate (TRIR)

Carbon Tracking & Supply Chain Decarbonization

Aligned was one of the first data center providers to offer transparent and accurate data of our carbon footprint via a 24/7 carbon tracking platform that measures energy, emissions, and utility information.

Aligned also integrates OriginMark™, an enhanced material traceability system, across our data center portfolio to accelerate supply chain decarbonization and circular asset management. Further advancing our ESG strategy, the technology provides Aligned and our customers a more transparent and granular view of their embodied carbon footprint by tracing the complete lifecycle of data center equipment and devices as well as identifying material recovery and recycling options.



Contact Aligned about how our adaptive data center platform can help your organization to achieve its sustainability goals.

sales@aligneddc.com
+1.833.425.4463

Corporate Headquarters
2800 Summit Avenue
Plano, Texas 75074

ABOUT ALIGNED

Aligned Data Centers is a leading technology infrastructure company offering innovative, sustainable, and adaptive Scale Data Centers and Build-to-Scale solutions for global hyperscale and enterprise customers across the Americas. 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.

