Optimize Your Data Center Strategy for Digital Transformation, Lower TCO and Sustainability

Aligned partners with a global technology solutions provider that migrates customers to our data centers as part of its core services offerings. This solutions provider has deep experience with migrations of all sizes and reduces risk through proven processes. Migrating to Aligned is an opportunity for companies to improve their data center environment and optimize their overall data center strategy.

- Increase densification for more cost-effective services
- Move specific workloads to the public or private cloud
- Consolidate colocation services from multiple locations
- Leverage Aligned’s innovative technology and flexible design to reduce power and cooling costs
- Improve data center sustainability, gain access to renewable energy

Aligned and its migration partners can alleviate the fear and eliminate the risk of infrastructure moves, reducing any friction or headache associated with changing data center providers.

“The fact is that migrating equipment and workloads from an on-prem data center or legacy provider is commonplace, and with the right partner, risk is entirely manageable.”

Aligned Is With You Through Every Phase of Your Migration Journey.

Critical Facilities
- Physical & Logical Asset Discovery
- Capacity/Planning Growth Modeling Application Profiling
- Evaluation/Processes, CMDB
- Infrastructure Design & Build
- System Architecture & Development
- Migration and Relocation

Optimized Future-State Data Center

Phase 1: Initial Assessment
- Current State/Business Case
- Market Knowledge & Expertise
- Site Selection & Acquisition

Phase 2: Detailed Assessment & Planning
- Data Center & Critical System Testing
- Commissioning & Knowledge Transfer

Phase 2: Execution & Migration
- Technology & Process

Aligned Colocation Solutions

- Leverage innovative technology to accommodate the change that should happen in your organization
- Support ongoing virtualization initiatives to extend your company’s hybrid cloud deployments
- Improve agility and cost-efficiencies with hyper-converged infrastructure designs

Aligned Colocation Solutions

- Salt Lake City, UT: SLC01 | SLC02 (60k sq ft / 150 MW+)
- Plano, TX: DFW01 (375k sq ft / 60 MW+)
- Chicago, IL: ORD01 | ORD02 (520k sq ft / 100 MW+)
- Ashburn, VA: IAD01 | IAD02 (1m sq ft / 180 MW+)
- Phoenix, AZ: PHX01 | PHX02 | PHX03 (550k sq ft / 180 MW+)
- Orlando, FL: ORD01 (150k sq ft / 100 MW+)

Aligned Adaptive Data Center Locations

Connectivity

Strategically located in regions with robust fiber infrastructure and fast internet connectivity speeds, our facilities offer neutral connectivity to a robust network of top-tier carriers and telecommunications providers by way of multiple diverse Meet-Me Rooms. Our lab customers can dynamically connect to their clients 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.
Delta³, Aligned’s patented and award-winning cooling technology, cools up to 350kW of heat in a four-foot section. This game-changing capability enables our infrastructure to support higher watts per square foot of capacity within your environment without requiring expensive and space-hogging Computer Room Air Handlers (CRAHs).

Aligned’s efficient cooling technology, which reduces mechanical infrastructure requirements by as much as 40% compared to our competitors, lowers operational and energy costs without stranding space or capacity. The system provides a hyper-scalable and ultra-efficient environment that dynamically adapts to your IT loads and supports high, mixed, and variable rack densities of 1-50kW in the same row. It also requires less energy and consumes less water with the ability to run waterless as required, upholding Aligned’s commitment to efficiency and sustainability.

### Reliable, Flexible Design Topology

Aligned provides varying levels of redundancy, ranging from 2N, N+1, N and utility based on your specific requirements. Our Mechanical, Electrical and Plumbing (MEP) design also decouples space from power and can support density increases vertically within the rack or horizontally with additional rack positions.

Our modular cooling system, Delta³, allows us to increase cooling capacity as you need it, or ExpandOnDemand™, by adding additional Delta³ fan arrays (without impacting live load). Other data center operators require the purchase construction of more data hall space for additional power capacity.

### Aligned vs. Legacy Data Center

<table>
<thead>
<tr>
<th>Aligned 1MW Data Hall</th>
<th>Legacy 1 MW Data Hall</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000 Ft²</td>
<td>6,400 Ft²</td>
</tr>
<tr>
<td>1 MW</td>
<td>1 MW</td>
</tr>
<tr>
<td>0 CRACs</td>
<td>12 CRACs</td>
</tr>
<tr>
<td>1MW N+2</td>
<td>1MW N+2</td>
</tr>
<tr>
<td>10 Cabinets per row</td>
<td>16 Cabinets per row</td>
</tr>
<tr>
<td>50 kW per cabinet</td>
<td>~6.25 kW per cabinet</td>
</tr>
<tr>
<td>2 Rows</td>
<td>16 rows</td>
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</tbody>
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### Customer Portal

Aligned’s customer portal provides reports on power usage and environmentals within data halls as a standard. We work with customers on specific PUE / BMS initiatives to capture any additional metering / monitoring requirements which can be delivered via an API or integrated into our standard portal. We have qualified full-time equivalent (FTE) personnel on site at all times who work to provide integration for our customers data needs and dashboards. Tickets and potential issues are resolved expeditiously.

### 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](http://www.aligneddc.com) and connect with us on [Twitter](https://twitter.com), [LinkedIn](https://www.linkedin.com) and [Facebook](https://www.facebook.com).

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