



# TechSite

Plan, Design,  
Build, Test,  
Operate & Maintain  
Mission-Critical Facilities

# OUR SERVICES



## ENGINEERING

- Electrical
- Mechanical
- Plumbing
- Site Selection
- Site Assessment
- Reliability Studies
- Green Studies
- Conceptual Design & Budgeting
- Construction Documents
- Construction Administration
- Project Management
- Short Circuit Analysis
- Coordination Studies
- Arc Flash Risk Assessment
- Capacity Planning & Scaling



## CONSTRUCTION

- Construction Management
- Budgeting & Estimating
- Project Management
- Site Supervision
- Quality Assurance
- Bidding / Permitting
- Safety
- Cost Management
- Change Management
- Value Engineering



## FACILITY MANAGEMENT

- Facility Management
- Operations Management
- Operations Documentation
- Preventive Maintenance
- Maintenance Planning
- On-site support
- Alarm Monitoring
- Emergency Response
- Vendor Management
- BMS/EPMS Management
- Facility Planning & Budgeting



## MAINTENANCE

- Maintenance Management
- Methods of Procedure (MoPs)
- Infrastructure Condition / Life Cycle Assessments
- Vendor Management
- Alarm Monitoring
- 24/7 Call Center Response Team
- Emergency Response
- IR Scanning
- Change Management
- PM Report Review



## COMMISSIONING

- New Buildings
- Retro-Commissioning
- Equipment Start-Up
- IR Scanning
- Power Quality Testing
- Electrical Control Systems
- Sensor Verifications
- Specification, Drawing and Submittal Reviews
- Commissioning Scripts
- Integrated Systems Testing
- Post-Cx Reporting
- Building Automation Systems
- Load Bank Testing
- Sustainability and Efficiency Verification
- Third Party Verification of Electrical and Mechanical Systems

## Site Assessment and Recommendations

TechSite engineers evaluate the strengths and weaknesses of an existing data center or mission-critical facility's infrastructure systems. TechSite reviews the electrical and mechanical systems to determine capacity, longevity, serviceability and functionality of the systems and the design. The assessment will also identify single points of failure, systems that are reaching the end of life, and systems that have insufficient capacity.

## Conceptual Design and Budgeting

Whether it be a new build, a major infrastructure modification, or an expansion of a facility, a Conceptual Design and Budgeting report provides an engineered analysis of possible options for the project.

This analysis serves as a feasibility study and evaluates the scope desired. The project options and probable costs can be explored and documented, allowing the owner to develop program requirements prior to the full design.



## Engineering and Construction Documents

TechSite employs licensed Professional Engineers (PEs) who create detailed construction documents. These documents are required to communicate the client's design intent to the skilled tradespeople responsible for building the facility. Additionally, the construction drawings and specifications are essential for securing building permits.

## Construction Administration

TechSite serves as the owner's representative during the construction process. The engineers and project managers provide RFI responses, change order managements, quality control, and as-built documentation.

## Construction Management

TechSite specializes in Construction Management services, assuming the role of the general contractor for many of our clients. From site supervision to budgeting and quality assurance, we provide end-to-end oversight. With a dedicated TechSite construction manager on-site, we effectively coordinate skilled trades and vendors, offering our clients a single source of responsibility and accountability. Our experts mitigate risks, manage costs, and adhere to schedules, guaranteeing timely and on-budget project completion.

## Commissioning

Commissioning is a critical part of the construction process that ensures that the complex systems supporting the facility are fully operational and performing as expected. The TechSite team evaluates, writes and conducts the commissioning scripts for a variety of facilities, from enterprise to hyperscale data centers.

## Maintenance Management

Mission-critical facility maintenance requires a specific understanding of the facility's needs. This can only come from specialized experience. TechSite offers comprehensive Maintenance Management services for data centers, ensuring a high level of reliability through periodic testing and maintenance activities. Our experienced team schedules and coordinates service providers to perform maintenance in accordance with industry best practices while maintaining proper documentation.

## Turnkey Design-Build

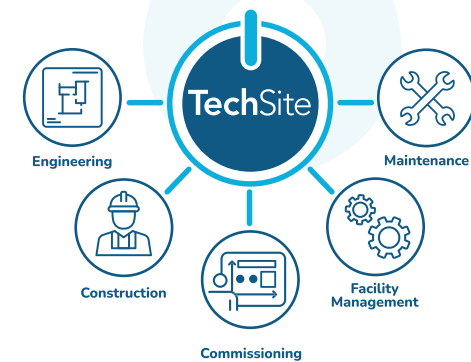
TechSite offers a seamless and integrated turnkey design-build solution that merges the power of engineering excellence with effective construction management. Our approach goes beyond traditional service boundaries, delivering a comprehensive solution that takes your project from concept to completion with precision and expertise.

## Facility Management

TechSite provides comprehensive Facility Management services to ensure the seamless operation and maintenance of your facility. With our Facility Management expertise, we take care of day-to-day operations, optimize facility performance, provide detailed documentation of operations, and assist in facility planning and budgeting aligned with your long-term goals. Our team manages building operations, implements preventive maintenance programs, handles BMS/EPMS management, and offers on-site support for prompt assistance.

We monitor alarms, respond to emergencies, and coordinate vendors to maintain operational efficiency.

Additionally, our facility management customers can take advantage of our engineering expertise by opting for contracts that include preferential support in case of emergencies.



## OUR MISSION

At TechSite, we are committed to keeping our customers' mission-critical facilities running smoothly, ensuring you can stay connected and operate with confidence. We expertly plan, design, build, test, operate, and maintain these essential spaces, aiming to maximize reliability and efficiency with speed, expertise, and a commitment to customer satisfaction.

## WHY TECHSITE

### FIRST, WE LISTEN

Serving customers is at the core of our mission at TechSite. Every project is initiated, planned and executed to meet each individual customer's requirements. This, combined with our relentless pursuit for data center and mission-critical facility excellence, provides unparalleled peace of mind.

### MORE THAN 30 YEARS, 1 FOCUS

We've been there. Since 1989, the team at TechSite has worked in data centers and other mission-critical facilities.

Our team has experienced the diverse challenges that exist in designing, building and operating mission-critical facilities.

### OPERATING WITH SPEED AND FLEXIBILITY

With a decades-long focus on data centers and mission-critical facilities, TechSite is prepared to perform at the industry's highest standards. We strive to exceed expectations by providing the flexibility and speed needed to keep mission-critical facilities running.

## WHAT OUR CUSTOMERS SAY



**"TechSite acts like an extension of my own team. They communicated well and ensured everything went right the first time."**



**"TechSite doesn't give you a lot of fluff in their recommendations. They recommend what they would do if it were their facility."**



**"TechSite has always treated us well, they have a great track record and they know what they are doing. You would recommend them too."**



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