



Design, Engineering & Construction Project Management

Develop a new, or Re-Engineer an Existing Data Center

- **Determine Your Design/Engineering Details** to achieve the Tier Level and PUE that your business and customers require
- **Develop Permit-Ready Design Documents** with the assistance of experienced data center experts
- **Manage Vendors & Contractors** through one contact that understands the big picture
- **Administer Quality, Schedule & Budget** throughout the entire project process

Carry Your Long-Term Vision Through To Successful Completion

A data center is an entity that will be in existence for twenty or more years. The design/engineering of that data center is the most critical phase of the project process. Design considerations such as Tier Level and PUE, among many others, will directly impact the data centers quality, efficacy and longevity.

Transform your concepts into permit ready construction documents which include engineering specifications for all major infrastructure, systems and components, including:

- Architectural
- Structural
- MEP
- Fire detection/suppression
- Physical security
- Telecom

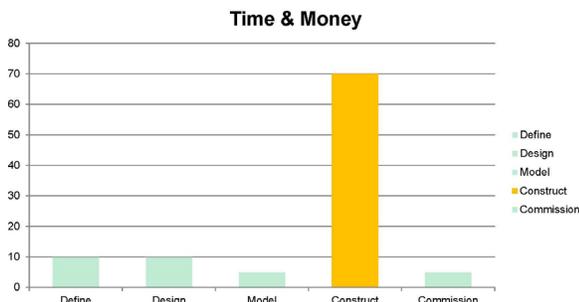
Managing the data center's construction is the most costly and time-consuming phase of the project process requiring an experienced project management team, working with the client, to manage the critical construction details day-to-day, including:

- Vendor/contractor evaluation
- Arrange/Attend meetings
- Review contractor invoicing
- Update project budget
- Analyze competitive bids/proposals
- Review construction progress
- Provide regular status reports
- Monitor contractual obligations

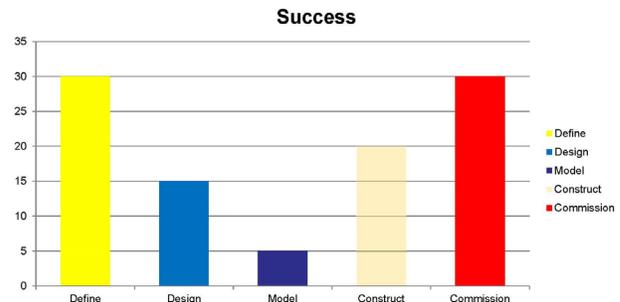
We manage every step of the project process to ensure schedule, quality and budget goals are not only achieved, but exceeded.

The MDI Perspective – What We Deliver

Added Value: The MDI team brings our extensive experience, more than one million square feet across over 500 projects large and small, of mission critical design, engineering and construction project management to every data center project. The value-add of our real-world experience ensures flexibility, modularity, efficiency, growth and cost effectiveness are built into every design.



The construction phase has become a commodity encompassing the majority of time and money during a construction project.



The success of a construction project will be determined by the beginning and the end phases; It starts with a good definition and ends with thorough commissioning.

