



**MDI**  
ACCESS

Data Center Solutions

# Geographic Site Selection & Facility Evaluation

Evaluate your site and/or facility options

- **Work with Industry Professionals** to evaluate the most ideal geographic location and/or facility for your data center
- **Examine Important Geographic People Factors** including transportation options, staffing availability, labor costs, education levels, etc.
- **Evaluate Potential Sites** on a local level to determine available tax incentives, critical infrastructure utility availability, code requirements and more
- **Assess** existing facilities that may meet your business and technical requirements

Obtain expert advice in choosing the future location of your data center

You've made the decision to deploy or relocate your data center. MDI can help you evaluate the options. Choosing the correct geographic location for your data center is one of the most critical decisions you will make. The same capacity Data Center in two different locations can make a difference of millions of dollars in annual operating expenses. Many organizations rely on commercial real estate firms to assist them in finding an appropriate site or existing facility. However, commercial brokers may lack the real-world technical and operational expertise needed to evaluate important factors that can impact your mission critical facility.

## The MDI Perspective – What We Deliver

### Two-Step Approach

#### Step-1: Select the Best Metropolitan Area

MDI will work with you to evaluate your needs and determine the most appropriate geographic location. Factors examined during this step include:

- Geographic Risks
- Area Talent Pool
- Construction Costs
- State/Local Energy Efficiency Incentives
- Land Cost & Availability
- State/Local Tax Incentives
- Power Availability & Rates
- Connectivity Options

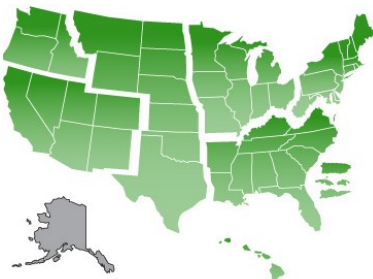
#### Step-2: Select the Best Site/Facility

MDI will work with you to understand your preferences for an existing facility or a greenfield site. Factors examined during this step include:

- Topography
- Physical Security Needs
- Proximity to Risks
- Flood Plain Risk
- Proximity to Power, Telecom & Other Utilities & Amenities

Additionally, if evaluating existing infrastructure, considerations such as the following will need to be considered:

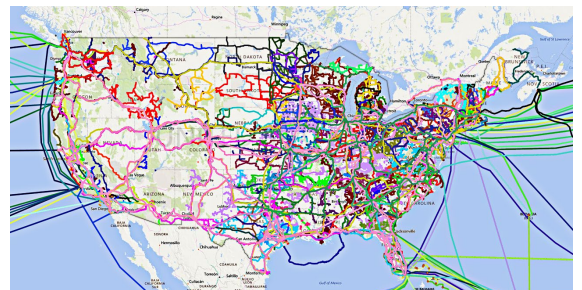
- Facility Age/Condition
- Floor to Ceiling Height
- Structural Floor Loading
- Current Infrastructure Capacities



Geographic Risks



Tax Implications to location



Fiber Routes

## Sample Review

Risk/Location Feature	City-A	City-B	City-C	City-D	City-E
Seismic Activity	Minimal	Minimal	Minimal	Minimal	Minimal
Susceptibility to Hurricane	Rainfall	Rainfall	Rainfall & Wind	Rainfall	Rainfall & Wind
Susceptibility to Tornado/Severe Weather	Minimal	Minimal	Increased Risk	Increased Risk	Increased Risk
Past Declared Disaster Occurrence	1-3 Occurrences	4-6 Occurrences	4-6 Occurrences	4-6 Occurrences	7-9 Occurrences
Cost of labor (Avg. 14 SOC)	\$66,909	\$68,614	\$63,313	\$78,827	\$77,140
Staff & Equipment Relocation Expenses	None/Minimal	Yes	Yes	Yes	Yes
Infrastructure	Telecom, Utilities +	Telecom, Utilities +	Telecom, Utilities +	Telecom, Utilities +	Telecom, Utilities +
Ease of Recruiting B.S. Degree (%)	At State Average %	Above State Average %	Above State Average %	Above State Average %	Above State Average %
Ease of Recruiting H.S. Graduates (%)	Above State Average %	Above State Average %	Above State Average %	Above State Average %	Above State Average %
Cost of Doing Business (Forbes Rank)	49/200	16/200	66/179 (small city)	23/200	41/200
Land Appreciation (2015-2017)	14-24%	14-24%	24%+	10-15%	10-15%
<b>Overall Rank</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Key**

Good	Caution	Concern/Sub-Optimal
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## In Summary

MDI Access is delivering on its promise to change the mission critical data center industry. We deliver forward-thinking advice and operation-enhancing solutions. MDI Access acts as your single point of contact for managing the cost, effectiveness and risk related to your information systems. No one else brings the holistic level of experience that MDI Access does.

Your business Deserves the Best Data Center. Call MDI to Get Started.

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MDI Access, Inc. is a leading Data Center Design Build GC and advisor to many of the world's top tier organizations. Founded in 1992, MDI Access has provided clients with innovative, cost-effective infrastructure management and data center solutions, designing, building and retrofitting more than 1,000,000 square feet of central office and data center space in 25 states across the U.S., Canada and Asia. MDI Access has been recognized three times by INC Magazine as one of the fastest growing, privately held firms in the U.S.