



## Data Center Services

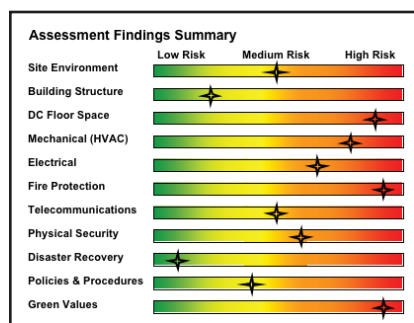
# Facility Vulnerability & Capacity Assessments

**Take the first step toward a more reliable, more redundant, and greener data center!**

Today's business environment is changing rapidly and data center facilities are struggling mightily to keep up. In a recent industry survey, nearly 70 percent of the several hundred organizations that responded reported facility capacity constraints. Driving this trend is a perfect storm of factors including increased availability requirements from business units, the age of existing data center facilities and regulatory issues.

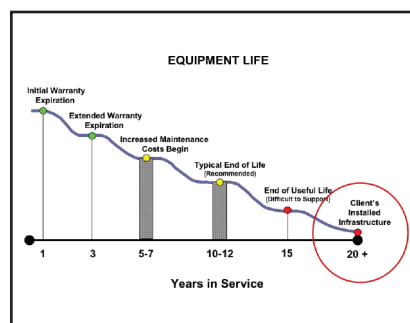
While many organizations are making efforts to address these problems, the bottom line is that the lead time for facility change is not adequately aligned with the pace of emerging technology implementation and the growing requirements being placed on these facilities.

**Forsythe's Data Center Facility Vulnerability & Capacity Assessment** will provide you with an objective view of where your organization's risks and vulnerabilities reside with regards to your data center facilities. Obtaining this data is a critical first step in developing a holistic data center strategy that will meet your organization's requirements today and in the future.



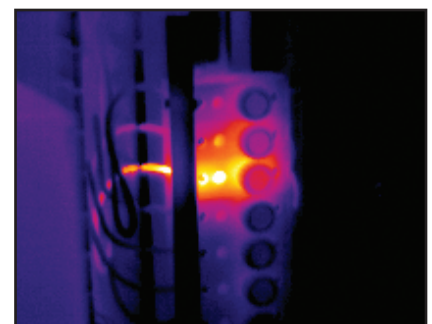
### Basic Assessment

Forsythe's basic assessment is comprised of a visual examination of ten building system disciplines, including environment, architecture, physical security and disaster avoidance. At the conclusion of the engagement, you will receive a basic report of the findings of the examination and recommendations for addressing any areas of risk that were identified.



### Standard Assessment

Forsythe's standard assessment expands on the basic assessment to include engineering load calculations for mechanical, electrical and plumbing (MEP), 250+ points of examination and a comprehensive report of the findings and recommendations upon completion.



### Advanced Assessment

If your organization is looking to take advantage of the latest testing technology, Forsythe can customize an advanced assessment that exceeds the standard assessment by incorporating infrared thermography, air quality testing, vibration testing and thermal analysis. The advanced assessment deliverables also include a comprehensive report of the findings and recommendations.

### At a Glance:

- Make your data center more reliable, more redundant and **greener**
- Obtain a clear picture of your data center's current vulnerability, capacity and **"greenness"**
- Determine your future state based on industry best practices and your current and future requirements
- Prioritize investments based upon associated benefits

## Choosing the Right Assessment for Your Data Center Needs

To get organizations moving in the right direction, Forsythe offers basic, standard and advanced assessments for data center projects of all sizes and scopes. See the table below to determine which of Forsythe's vulnerability & capacity assessments fits your needs.

Forsythe's <b>Green</b> Data Center Vulnerability & Capacity Assessments			
Assessment Area	Basic	Standard	Advanced
Environment/geography	•	•	•
Architecture	•	•	•
Structural	•	•	•
Mechanical	•	•	•
Electrical	•	•	•
Plumbing	•	•	•
Fire detection/suppression	•	•	•
Physical security	•	•	•
Telecommunications entrance	•	•	•
Disaster avoidance & recovery	•	•	•
"Green" data center initiatives (Facilities/IT)	•	•	•
Mechanical, electrical and plumbing (MEP) engineering calculations - capacity, load, delta, w/s.f. and kW/cab		•	•
Infrared thermography			Optional
Air quality testing			Optional
Vibration testing			Optional
Thermal analysis			Optional

### Get the Forsythe Advantage.

For more than 35 years, Forsythe has delivered forward-thinking advice, technology and operation-enhancing solutions. As an independent advisor, Forsythe can help you address every aspect of your infrastructure, including how new solutions may affect the bigger picture. Working with every major provider, Forsythe acts as your single point of contact for managing the cost, effectiveness, and risk related to your information systems.

### Let Forsythe Help.

Business objectives—and business issues—don't exist in a vacuum. Forsythe identifies and addresses IT interdependencies to deliver solutions that work across your enterprise. Call us today.

