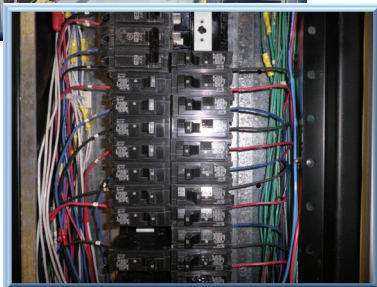


Evolved Engineering

Innovative

Adaptive

Precise



## Mission Critical Systems

The Data Center is no longer static. Age old engineering principals are coming under greater scrutiny because the logic and principals no longer apply to the new fluidity of modern devices. Understanding your options and how they impact redundancy and cost are critical to design, build, and on-going operation. At Kupper Engineering, we have grown with our clients' needs and the environments they support. We understand the changing landscape of highly interactive infrastructure and its impact on electrical and mechanical systems that support them.

### Sequence of Operation

Higher tiers with more sophisticated systems require customized sequence of operations for clients' engineers to operate and maintain their systems. KEI develops customized sequence of operation documentation that is used for testing, maintenance, and planned upgrades. KEI provides on-site representation and client support for verification of sequence, which limits exposure to unplanned downtime and saves KEI's clients capital and operating expenses.

### Commissioning

As part of a project or a team member, KEI can provide commissioning and Peer Review services for your Data Center project. KEI's experienced team has completed numerous commissioning and peer review projects, adding a critical eye and insight that delivers value and peace of mind to our client base. The breadth and depth of KEI's knowledge and attention to detail ensures that no component will be overlooked or will fail at the moment of truth.

### Data Center Design

KEI has designed over 100 data centers, call centers, and computer rooms for retail & investment banking, pharmaceuticals, interactive retailers, hospitals, and more. KEI can be engaged from budgeting and requirements gathering through design, construction, commissioning, and start up.

### Integrated System Testing

Best practices are being developed and deployed at an exponential rate. Evaluating and leveraging these emerging concepts and technologies can yield tremendous cost savings in both design and ongoing operation. KEI integrates these elements into your projects with the underpinning of sound engineering principals and diligent adherence to your redundancy requirements. KEI's flexible approach incorporates all these elements, allowing your project to weigh cost and benefit to approaches that match your budgets and organizational risk tolerance. Concepts that were once thought to be impossible in data centers can now become realities with the help of KEI.



MEMBER:  
Delaware Valley Chapter

*Kupper Engineering is classified as a small business and is registered to do business with the federal government under NAICS/SIC 541330.*

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