

IN BRIEF

Experience

- More than **46 years** designing, engineering, constructing, and commissioning data centers, advanced computing and technology facilities.
- More than 6,000 projects in higher education, healthcare, banking/financial, industrial, pharmaceutical, public sector, and retail with a **98% repeat customer base**.
- Business partnerships with Dell, Accenture, IBM, The Gartner Group, Bechtel, Verizon Business, Sirius Computer Solutions, DataSpan, Whitman, ComNet, Anixter, Edge Solutions, Duke Energy, Siemon, Winbourne Consulting, Fluor, Deloitte (Collaborations), SGI, Sine Nomine, and Cloudify.
- Full-service staff of licensed civil, electrical, mechanical engineers, and architects as well as construction project managers, IT consultants, RCDD's, systems specialists, Revit and CADD technicians, and other skilled professionals.

PHASE I - Consulting Services

Thorough and comprehensive, resulting in a **plan that provides options and technical alternatives** to meet your timeframes, philosophies, short-term and long-term strategic objectives, as well as budgetary guidelines.

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| • Data Center "Hybrid" Assessments | • Relocation Evaluations | • Site Evaluation, Selection, & Planning |
| • Facility Evaluations | • Merger/Consolidation Studies | • Network Analysis/Wi-Fi Analysis |
| • Reliability Studies | • Space Planning | • Total Cost of Ownership Studies |
| • Single Point of Failure Analysis | • Computer Equipment Planning | • Virtualization Integration |
| • Data Center Facility Audits | • Requirements Analysis | • Edge Computing |
| • DR Facility Requirement Studies | • Preliminary Program Studies | • Thermal Air Flow Analysis |
| • LEED Certification Analysis | • IT/Data Center Strategic Planning | • Energy Efficiency Audits |
| • Colo/Cloud Analysis | • Co-location Impact Planning | • IT Business Impact Analysis |
| • Container/Pod Studies | • Cybersecurity | • Site Assessment Evaluations |
| • Cloud Impact | • Short Circuit Coordination and Arc Flash Studies | • Carbon Footprint |
| | | • Green Initiatives |

PHASE II - Design/Engineering/Planning Services

Drawings and specifications that reflect **creative, state-of-the-art design solutions**.

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| • Architectural Design | • Cloud Requirements | • 3-D Revit Modeling |
| • Site/Civil Engineering | • Disaster Recovery Planning | • Network |
| • Communications Engineering | • Fire Protection Engineering | • Design/Cybersecurity |
| • Electrical Engineering | • Raised Floor Engineering | • Co-location Requirements |
| • Mechanical/HVAC Engineering | • Security Design | • Compute Migration Planning |
| • Structural Engineering | • Voice and Data Integration | • Wireless |
| • BMS/DCIM Modeling | • Design for Sustainability | • Low Voltage / AV |
| | | • Mass Notification Systems |

PHASE III – Construction/Commissioning/Deployment Services

A fully integrated approach to the creation of technical facilities that gives you a **single source of responsibility from start to finish**. This unique methodology eliminates traditional construction delays, enhances responsiveness to design modifications, and guarantees necessary technical expertise - throughout the project. We also offer options for corporations looking to reduce overhead by **outsourcing construction and maintenance responsibilities**.

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| • Construction Management | • Project Management | • BIM Modeling |
| • Construction Administration | • Project Planning & Scheduling | • Financing |
| • General Contracting | • Turnkey Planning, Implementation | • Network Construction |
| • Cloud Deployment | • Co-location Deployment | • Electronic Wire & Cable |
| • Application/Hardware Migration | • Commissioning | • Voice & Data Cable |
| | • Electrical Wire & Cable | |