

## *MSI Systems Integrators Data Center Services*

Looking for a completely new build-out, relocation or are simply seeking advice on how to reduce data center costs? MSI's team of skilled professionals delivers solutions from industry-leading companies to support your needs of today and vision for the future.

### **Data Center Consulting**

- Data Center Site Survey
  - Two-hour tour of data center
  - No charge
  - High level recommendations
- Data Center Assessment & Roadmap
  - Two to three day onsite review of all critical physical infrastructure
  - Fee based
  - Formal deliverable with recommendations, roadmap and budgets
- Data Center Risk Assessment
  - Included in the assessment process
  - Review of exposures and risks to human, technical and natural events
- Data Center Site Selection
  - Primary site and/or disaster recovery sites
- Data Center Operations Consulting
  - Review and recommendations for data center operational functions:
    - Device monitoring and job scheduling
    - Tape management
    - Production print and distribution – Continuous forms and cut sheet
    - Print distribution
- Data Center Health Check
  - Review, diagnostics, root cause analysis and remediation of power anomalies
  - Review, diagnostics, root cause analysis and remediation of environmental issues
  - Review, diagnostics and remediation of physical space and architectural issues

### **Data Center Solution Design**

- Physical space and room topology solution design
- Power protection and distribution solution design
- Cooling and environmental control solution design
- Cabling (copper and fiber) solution design
- Fire protection solution design
- KVM solution design
- Environmental and critical physical infrastructure monitoring solution design
- Video surveillance and access control solution design
- RFID tracking for physical assets solution design
- Operations center solution design
- Print and copy center solution design
- Solution designs provided by other MSI teams:
  - Core network and WAN design
  - SAN and storage infrastructure design
  - Physical and virtual server infrastructure design

### **Data Center Bid Management**

- Final specs and submittals package development
- Architectural drawings with PE certification
- RFP packet distribution
- Bidder meetings and tours
- Assistance with final bidder selection

**Data Center Project Planning and Management**

- Project team coordination
- Project status meetings
- Project management documentation
- Project accounting and budget management
- Pre-submittal review of invoices
- Project acceptance meetings and sign-off

**Data Center Construction**

- Contractor management
- Physical space construction
- Raised access floor installations
- Electrical installations
- Mechanical installations
- Fire protection installations
- Monitoring, management and security solution installations
- Equipment start-up
- Data Center commissioning
- Product delivery, rigging, coordination and fuel

**Data Center Product Distribution**

- Product configuration options and review with customer
- Final product configuration selection
- Special bid discount procedures
- Product acquisitions
- Product shipping, tracking and delivery notification
- RMA and damage claims processing

**Data Center Monitoring and Managed Services**

- 24x7 availability and performance monitoring of critical infrastructure
- Trouble ticket logging and tracking
- Event notification
- Dispatching of response teams
- Video surveillance and room access monitoring
- Monitoring solution management, configuration and upgrades
- Review of operational procedures and management tools

**Data Center Maintenance Services**

- Onsite support services
- Preventative maintenance for UPS, HVAC, generators, fire, printers and MFP's
- Skills transfer and user training sessions
- Data Center cleaning services
- Cable clean-up and labeling services

**Data Center Relocation Services**

- Hardware inventory, rack elevations and room topology drawings
- Warranty validation
- Data backups
- Migration of voice and data circuits
- De-installation and reinstallation services
- Mover contracting
- Insurance coverage
- Relocation project planning and task lists
- Risk analysis and contingency planning
- Damage claims processing and issue resolution

Contact your local MSI Client Executive for more information or MSI's Data Center Solutions team at 800-640-4674.