 **JJA** *Mechanical and Electrical
Engineering Consultants*
Engineering Since 1978

Mission Critical Systems & Design Consultants



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Texas Registered Engineering Firm # F-1290



JJA, Inc.

Mission Critical Systems and Design Consulting

JJA, Inc. is a leading engineering, consulting, and technical services firm serving Mission Critical business sector across the nation. We are focused on applying engineering excellence today's critical infrastructure solutions the needs of mission critical industry. Our goal is to leverage the engineering expertise and information technology experience of our employees to be the recognized industry leader for the services we offer. We are dedicated to achieving this leadership by:

- Innovative, flexible solutions to our clients
- Delivering unsurpassed quality on a consistent basis
- Developing resources for the future
- Achieving a superior in the for front culture
- Driven by our Core Values

Our Mission Critical Consulting group specializing in the planning and design of technologically enhanced facilities e.g., mission critical. Our core engineering experience provides a wide range of design services addressing the complex issues of critical facilities.

Clients often require several specialized consultants to provide complete service to resolve technical challenges for facility design, critical power and support systems, information processing, communications, security and other special systems.

Our engineers and data center consultants can direct a comprehensive team approach that insures that the specialized facility design and the technical design elements of the project are coordinated.

Selected Clients



Market Services

Mission Critical Systems & MEP Engineering



For over 38 years, JJA, Inc. has provided specialized consultants and engineers for our client's mission critical needs. JJA can provide a team of professional engineers, designers, data center, network management and technical consultants who integrate their disciplines to provide full service design for all mission critical projects and special use technical facilities. Our consulting and design services provide a holistic approach:

- Data Center (All Tier Levels)
- Data Center Operations, Command, Network Control Centers and 9-1-1 Call Centers
- Financial Trading / Dealing Environments
- Building Infrastructure – e.g., Low Voltage Management Consulting
- Physical Security Facility & Systems Assessments

We believe that the most effective approach to mission critical operations is a comprehensive team plan that involves all users and design disciplines from the earliest planning stages and throughout the entire project life cycle.

The multitude of efforts required for these projects must run in parallel, accomplishing their specific tasks for the project to meet an overall schedule and at the same time coordinating their efforts with all team members.

A critical element to the success of this approach is the inclusion of a seasoned Data Center Program Manager with experience in Data Center operations, planning, design, coordinating the facilities portion, engineering and technical portions, and construction teams on the project.



JJA, Inc.

Mission Critical Consulting Services

Site Feasibility Study

Evaluates green field sites and existing buildings to determine the advantages and disadvantages that each location would provide for the potential location of a critical data center site.

Data Center Facility Evaluation

Is a detailed review of existing facilities to determine the adequacy of physical and environmental support and protection systems the ability to support growth.

Facility Technical Program

Is developed and provides the working guidelines for information systems, architectural and engineering design phases for data center, network projects and information systems.

Facility Design Services

Provide professional consulting and design services for:

- Architectural Space Planning
- MEP Critical Systems Planning & Design
- Data Center Planning & Design
- Professional Critical Systems Commissioning (CxA)

Technical Design Services

Provides a number of specialized services which deal specifically with the application and implementation of the technological system supporting the Information Systems Resource. Our technical design services including:

- Data Center Infrastructure Planning
- Data Center Operations Center and Network Command Centers (NOC)
- 9-1-1 Call Centers

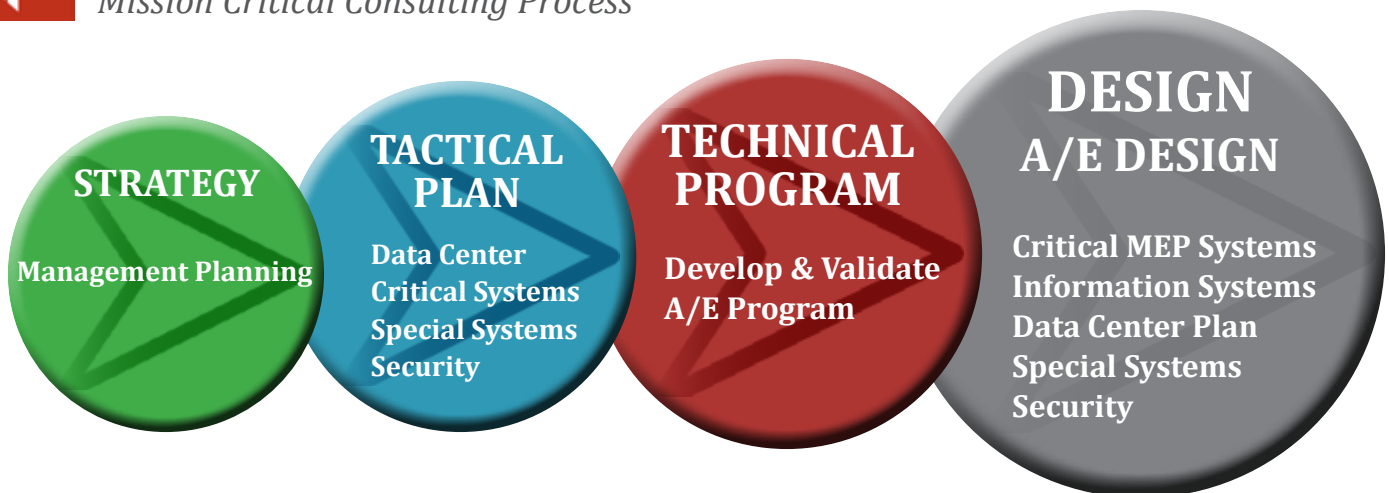
Project Management

Assists client with the technical planning and migration guidelines to new computing and communications facilities or consolidations.



JJA, Inc.

Mission Critical Consulting Process





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Contact

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Mission Critical Consulting

Site & Facility Assessments
Information Technology Strategic Planning
Conceptual Project Development
Technical Programming & Design Criteria
Data Center Planning & Design
Infrastructure Planning & Design
Business Impact, Information Analysis & Planning
Network Operations & Command Center Design
Physical Security Consulting
Access Control Systems Consulting
IT Equipment Consulting & Procurement
Contingency & Disaster Recovery Planning
Project Management
Client Liaison

MEP Engineering Design

Data Center Consulting & Design
Fire Detection & Suppression
Life Safety Systems
Life Cycle Cost Analysis
Value Engineering
Power System, Short Circuit Coordination
Arc Flash Construction Services
Energy Modeling
BIM Production
Sustainable Design & LEED® Certification
Mission Critical Equipment Acquisition
Construction Administration & Oversight
MEP Critical Systems Commissioning
Project Management
Construction Management

