

Mission Critical Facilities

How Important is Your Data?

Successful execution of a company's business plan depends more than ever on the effective design and functionality of the buildings and ancillary equipment that house and support the systems that manage critical applications which guard information flow.

CRB specializes in the innovative planning and design of 24x7xForever Mission Critical Facilities. We provide planning, design, construction management and commissioning services for a variety of facility types that must be designed to be as redundant, reliable, diverse and secure as the business applications they house. We engineer facilities and systems to maximize reliability, reduce downtime and minimize operational costs, with an emphasis on solutions that empower the Owner with the flexibility to concurrently maintain the facility and its systems without impacting availability.

As experienced facility design engineers, we understand and apply specialized engineering practices and construction techniques that inherently limit downtime risk. CRB will assist you in assessing your company's objectives, priorities and needs. Whether your company or its clients require a new facility with six-sigma reliability or are adapting an existing space, we provide a fast, efficient and experienced team to successfully execute your project from planning and budgeting phases through design, construction and commissioning, on time and within budget.

A fundamental CRB value is to select a design approach that maximizes our clients' return on investment. Cobbling together the largest and most power-dense facility that money can buy in the shortest amount of time may have been all the rage in the '90s when the term "Mission Critical" first entered the lexicon. However, CRB has always endeavored to listen to our clients' needs and to provide custom solutions that deliver the best value for the given business objective. We focus our design effort on facilities and systems to support your current power density needs with the flexibility to accommodate transparent future changes in space or communication requirements.



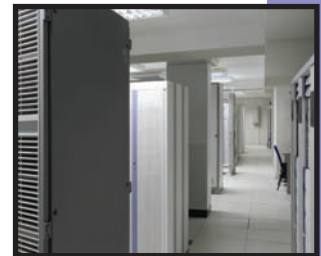
DATA CENTERS • NETWORK OPERATIONS CENTERS • CALL CENTERS

We realize that to effectively serve business uptime requirements in this industry, an appreciation for the nature and pace of technological change that govern our clients' needs is critical. Many on our Staff are members of key industry groups and keep abreast of the latest IT trends and how these technologies intersect with state-of-the-art architecture and MEP design practices. At CRB, we listen and then we deliver on time and within budget.



High Availability

- Absolute Uptime Proven Design Excellence
- High Efficiency UPS Systems
- Failure and Risk Analysis
- Power Quality Survey
- Power System Coordination



Maintainability

- Data Acquisition and Monitoring
- Battery Monitoring Systems
- Storage and Backup
- Building Management Systems

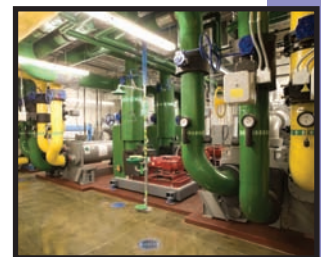
Security

- Biometrics
- IC Card Based Security
- Access Control Systems



Infrastructure

- High Resistance Grounding Systems (HRG)
- VESDA Fire Detection Systems
- Fuel Storage and Polishing Systems
- Lightning Protection
- Fly Wheel UPS Systems
- Cogeneration



Project Management and Planning

- Site Evaluation, Selection and Planning
- Life Cycle Cost Analysis
- Construction Management
- Systems Integrated Testing, Startup and Turnover
- Turnkey Construction Solution
- Training and Retro Commissioning

