



IT equipment and data are a crucial element in all business organizations. One of the main concerns is continuity—businesses rely on their data and IT system to run their operations. If the system goes down, operations may be impaired or stopped completely.

A mission critical data center needs to maintain high standards to ensure integrity and functionality.

Data Center Electrical Infrastructure

As well as the cooling equipment necessary to keep your data and equipment safe and operational, the data center is made up of several electrical components. GMS achieves optimum infrastructure design by considering all cooling and power products from key manufacturers. This guarantees GMS can deliver the best and most cost effective solutions:

- UPS Systems
 - The uninterruptible power supply (UPS) is the linchpin of the critical energy system, providing battery backup and power conditioning that increases availability and system performance.
- Power Distribution
 - With the number of servers and other devices growing exponentially, scalable and flexible power management is a must for effective data center management.
- Site Monitoring
 - Deliver increased visibility and control of critical support systems and can be sourced for single modules or entire data centers.
- Racks, Cabinets and Busways
 - Computer rack systems offer all the advanced features and innovative flexibility required to accommodate today's dense and complex IT systems and network gear; and to keep electrical wires safe and hidden.
- Surge Protection
 - Transient voltage surge suppression (TVSS) products provide the highest level of protection from potential surges that threaten sensitive equipment in your critical facilities.
- Generators
 - Supplement battery-based uninterruptible power supplies with an emergency generator for redundancy.

Did you know?

Data centers use 10 to 30 times more energy per square foot than office space? GMS can show you how to improve those efficiency levels.



Did you know?

GMS maintains a leading position as a provider of mission-critical infrastructure solutions and services nationwide.

The Goal

Protection from power loss is vital in mission critical data center facilities. GMS designs electrical infrastructures for protection from power loss and to improve efficiency

Advantages of maintenance

- Systems and equipment last longer
- Fewer costly repairs
- Energy efficiency increases
- Healthy air quality
- EPA compliance
- Documented equipment history
- Up-to-date warranty documentation

Contact us

Visit our Website for more information:

www.gms-hvac.com

1007 Skidmore Dr
Annapolis MD 21409

Tel: (410) 349 4070
Fax: (410) 349 4076