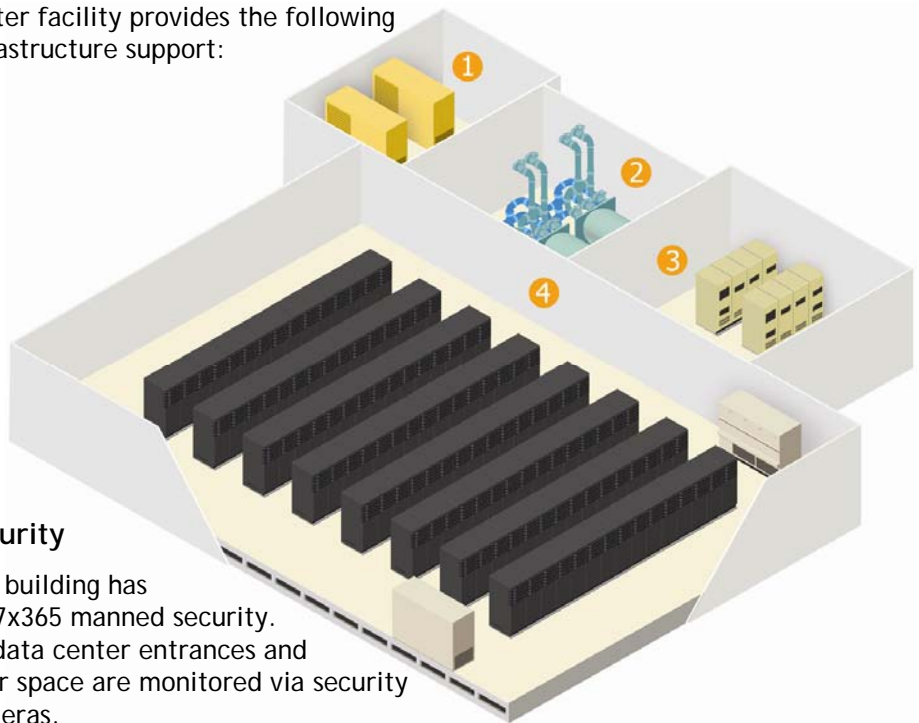


## VMT Data Center



The VMT Data Center is located in Alpharetta, GA. The Data Center provides core infrastructure support for the collocation and managed hosting services needs of our customers. This secure data center facility provides the following infrastructure support:

- 1 Dual Backup Diesel Generators  
Secondary Power Backup
- 2 Redundant Air Handling Systems
- 3 UPS - first level power backup
- 4 Data Center



### Security

The building has 24x7x365 manned security. All data center entrances and floor space are monitored via security cameras.



### Building Power Infrastructure

VMT's data center facility provides redundancy through its dual PDU power systems on the floor. The hi-reli dual feed electrical service feeding the building is encased in concrete from the Georgia Power Substation Bank D. The 25 kV primary service electrical feed from the street to the building is also encased in concrete. In the event of primary service circuit failure, the dual feed feature is activated to provide continued electrical service for the building by automatically switching from the preferred circuit to an alternate circuit via a circuit switching module located at the Substation. There are three power company transformers providing 480/277 Volt, 3 Phase, 4 Wire services to three main switchboards (two 3,000 Amp main fusible switches and one 4,000 Amp main fusible switch).



Dual Diesel Generators  
Provide Secondary  
Power Backup

### Building Generator

Two 900 kW Caterpillar diesel generators support the data center. Each generator is tested weekly.

### **Data Center Premises Power Infrastructure**

A 400 Amps, 480 Volt, 3 Phase circuit is used to deliver Data Center power. The circuit is supported by a UPS and dual diesel generators. Additionally, the backup air conditioning system will be served from generator power.



UPS system provides immediate failover in case of power interruption

### **Data Center Uninterruptible Power Supply (UPS)**

An onsite UPS consists of three 400 kW/500 kVa modules connected to a bypass unit feeding distribution panels. The UPS has the capability of supporting 1,200 kW/1,500 kVa.

### **Power Distribution Unit (PDU)**

The VMT Data Center has dual PDUs providing power redundancy to the Data Center floor.

### **Automated Temperature High-Temperature Monitoring**

Though direct temperature control is provided by the CRAC, the Data Center Premises temperature is also monitored by a Johnson Controls Metasis System. Should temperature in the Data Center Premises go above set point, which is 76° F, the BAS will alarm and notify maintenance staff. The Metasis system is monitored 24 hours a day 7 days a week.

### **Air Conditioning**

Cooling for the Data Center is provided by two 30-ton Computer Room Air Conditioning (CRAC) units.

### **Fire Suppression**

The Data Center Premises is equipped with a pre-action fire suppression system utilizing dry pipes.

### **Facility Monitoring and Management**

The Data Center is monitored 24/7/365 using automated power management and environment monitor and control systems. Fully trained facility engineers are onsite and available by pager to maintain all building infrastructure components.

### **Connectivity**

Redundant Internet feeds with fiber and network access is provided.

