

Antares' main data center in Beachwood, Ohio, has recently undergone a multi million dollar upgrade to the facility to ensure "state-of-the-art" technology including:

#### **Raised Floor**

- 5,000 square feet of raised floor (concentrated load rating of 2,000 lbs to protect from overloads)

#### **Electrical**

- Main services at 1600 amps, 480/277 volt, three phase four wire. Underground utility transformer feeds to a 1600 amp main disconnect in the electrical room
- Utility transformer converts electricity to 480/277 volt, 3-phase, 4 wire building system
- Cummins Onan Generator 1250kW diesel model with 2,000 gallon fuel tank (Provides 48 hours of operation at current load)
- Powerware UPS system includes two model 400kVA power units connected in parallel redundant topology. Rated at 400kVA and providing power to critical components until generator can take over
- UPS system feeds four Power Distribution Units that convert 480 volts to 120/208 volts for distribution to computer equipment

#### **Mechanical**

- Seven air cooled direct expansion system Lieberts rated at 20 tons per unit. Operating independently with remote roof top condensers
- Existing load approximately 40 tons
- Data Center Environmental Protection and Monitoring
- Ecaro-25 fire protection system activates by sensors above & below floor. Ecaro-25 extinguishes fires at the molecular level by absorbing heat and interrupting the combustion reaction so a fire cannot sustain itself. Because oxygen levels are not affected by Ecaro-25, it poses no threat to people present at the time of discharge
- Building fire panel by Fike Intellscan with smoke detectors throughout the building
- Battery and UPS rooms protected by FM200 systems

#### **Security**

- Physical security provided via Pro-Watch 3 Corporate Edition Facility Cardkey Access protection software by NexWatch Inc.
- Data Center uses a combination of keycard and biometrics to control access into the main processing room
- Radionics D8112 security system provides burglary protection monitoring exterior doors and windows
- Audio glass break sensors protect exterior windows. Pelco CCTV system is used by the guard to monitor the interior and exterior of the building including all entrances
- Policies and procedures are in place to ensure facility security