



Operation Center (NOC)

Summary

The Cavecreek Network Operation Center (NOC) is located in one of our Phoenix, Arizona datacenters. The region was specially selected because it is one of the only disaster-free zones in the entire world. The building itself is three stories, over 380,000 square feet and constructed of concrete walls, floors, and ceilings further assuring our ability to monitor your systems is secure from any risk. Combine these things with state-of-the-art features and you can see why the Cavecreek NOC is located in one of the world's premier datacenters.

Our Facility

Location

- Disaster-free zone
- Concrete walls, floors, & ceilings
- Outside 500 year flood plain
- Downtown Phoenix, Arizona

Climate

- Chilled water cooling system
- Two(2) 1,000 ton cooling towers
- One(1) 1,000 ton cooling sited

Colocation

- Partial racks
- Locking, full server cabinets
- Clear height of 10-15 feet
- Raised anti-static flooring or overhead cable runs

Primary Power

- Two(2) utility vaults
- Eight(8) 2,000kVA transformers
- Redundant dual power grids
- N-1 power architecture
- Diverse underground power feeds
- Multiple Uninterrupted Power Supplies
- ATS (Automatic Transfer Switch) and ATO (Automatic Throw-Over) to switch between Public Grid and generator

Secondary Power

- 17 generator positions
- Nine(9) generators installed
- Battery backups with chargers
- 10,500 gallons of diesel storage
- 80,000 gallons of diesel storage sited

Our Technology

Security

- Biometric access control
- Picture IDs with PIN codes
- 24-hour on-site security personnel
- Security cameras monitoring and recording

Fire Suppression

- FM200 fire suppression
- VESDA smoke detection
- Double interlock, pre-action sprinklers
- Foam suppression in fuel vaults
- Pull-box stations near grids