

Datacenter Infrastructure

Springs Data offers the best collocation in Colorado Springs, CO--especially when it comes to the facility itself. We pride ourselves on three key areas of our datacenter: the superb power system, our HVAC/environmental system, and our strong security.

Power Information

Our collocation is strategically located in the Alamo Corporate Centers, one of the few buildings that are located on what is known to Colorado Springs Utilities as the Downtown Network Loop. This loop consists of two fully separated power rings that circle and power the downtown area, which are powered by the Cimarron and North Nevada substations. The Alamo building sits on top of both of these loops, providing for clean, redundant power.

Springs Data receives its power feeds from the underground vault, which connects directly into our Automatic Transfer Switch. Also attached to the ATS is our 500KvA Onan diesel generator. From the ATS, feeds are ran to each of our 102 S. Tejon datacenters.

In each datacenter, power is terminated into our facility wide UPS systems. Each UPS provides clean, safe, generator-backed power to every single power socket in the facility.

HVAC & Environment

The Alamo Corporate Center itself has three, ten-ton air conditioners on the roof that provide air conditioning to the entire building. In addition to the building conditioners, Springs Data maintains 30 tons of redundant air conditioning inside the #1250 datacenter to ensure proper air flow, temperature and humidity. Springs Data's #220 datacenter employs 60 tons of redundant air conditioners to power the larger datacenter.

Both of our datacenters are stationed on a raised floor, which uses the industry-standard stanchion + tile configuration. The space beneath the tiles is pressurized by the air conditioners, creating a forced-air system that is ventilated via perforated & vented tiles that are purposefully placed around NOC hotspots. Multiple temperatures, humidity & wet sensors placed around the facility notify Springs Data staff when the facilities are not operating to spec, ensuring prompt response. Springs Data strives to maintain a standard operating environment consisting of 66°F and 33% humidity.

Security Considerations

In addition to being in one of the nicest buildings in Colorado Springs, Springs Data provides for a very secure environment for your needs. The Alamo Corporate Center itself is available from 6am until 6pm, Monday through Friday. Access to the building for all other times is permitted only via a keycard that is registered with building management. Additionally, onsite security patrols the grounds routinely during off hours.

Over and above building security, Springs Data has its own physical safeguards. The #1250 main lobby entry is accessible only via closely-kept keys, with interior offices having differently keyed locks. #1250's entrance is magnetically sealed and entry is allowed only via keycard. The #220 datacenter features a secured, video-taped man-trap for both ingress & egress, again accessible only via keycard. All keycards are registered with both Springs Data and the building, and a log is generated and stored offsite of all entries and exits from the premises.

When Springs Data personnel are not at the facility, security standards are still met by heat and motion detecting cameras that, depending upon the situation, take photos and record video and audio of the facility. These are then uploaded to multiple offsite, read-only access servers while simultaneously sending email & pager notification of facilities access to Springs Data personnel.

Features & Amenities

In addition to being a premier collocation facility, Springs Data also offers convenient access to office space and meeting rooms for when our customers introduce their customers to our datacenters. Included in these spaces are free wifi & internet access, locking doors, window views, whiteboards and more. Also onsite is a full kitchenette with available coffee maker, fridge, sink and dishware.

