

USSHC Virtual Tour

The following pages contain the virtual tour of the USSHC facility and campus. Some portions of the facility are not part of this tour for confidentiality/security reasons. The security of our clients is our highest priority. Feel free to contact us with any questions.

A view of the USSHC Campus. The campus was specifically selected by the US Government during the Cold War for its distance from any major metropolitan areas and targets of interest, as well as the lack of any significant threat from natural disasters.



The entire campus is monitored 24x7x365 by video surveillance and a variety of intrusion monitors. USSHC employs current and former military personnel on our security staff with high security clearances for sensitive installs. Motion sensors and other active monitoring occurs continuously on the entire campus.

The campus has an above grade building that serves as an entrance to the underground facility, and a steel building that houses the GWAB data suite (a lower cost colo alternative to the underground data center). With upcoming expansion USSHC is constructing an additional above ground building, adding another 3000+ sq/ft of data center floor space.



The facility is outside of Monticello, Iowa, about 3 hours west of Chicago, Illinois. It is an anonymous facility, looking much like a cell tower site. Set back from the adjacent highway, no mission critical equipment can be seen by prying eyes. Tower space is available on our 150 foot tower. The surrounding land and infrastructure are all owned by USSHC, and the sole purpose of the property is to act as a colocation data center.



All of our mission critical equipment is below ground, including two of our three gen sets, A/C, UPS, building filtration, water, etc. We have done as much as possible to isolate the facility from environmental hazards.

The above grade building acts as the entrance to the underground data center where you pass through escorted keypad and biometric checks in the first man-trap. All facility doors are industrial grade steel doors on steel frames. Even our overhead doors are tamper-resistant high grade construction. Visitors are verified here prior to entry.



From the above grade USSHC staff will assist you in loading any of your equipment onto our enclosed hoist to lower it several stories to the data center floor.

Forklift is available for equipment shipped directly to USSHC facilities and our upcoming expansion will add a loading dock to simplify drop offs.

Several stories down from the entrance the staff will escort you through the second man-trap. With our surveillance system with indefinite storage we monitor all visits to the facility. The next biometric challenge after descent is at the main blast door.

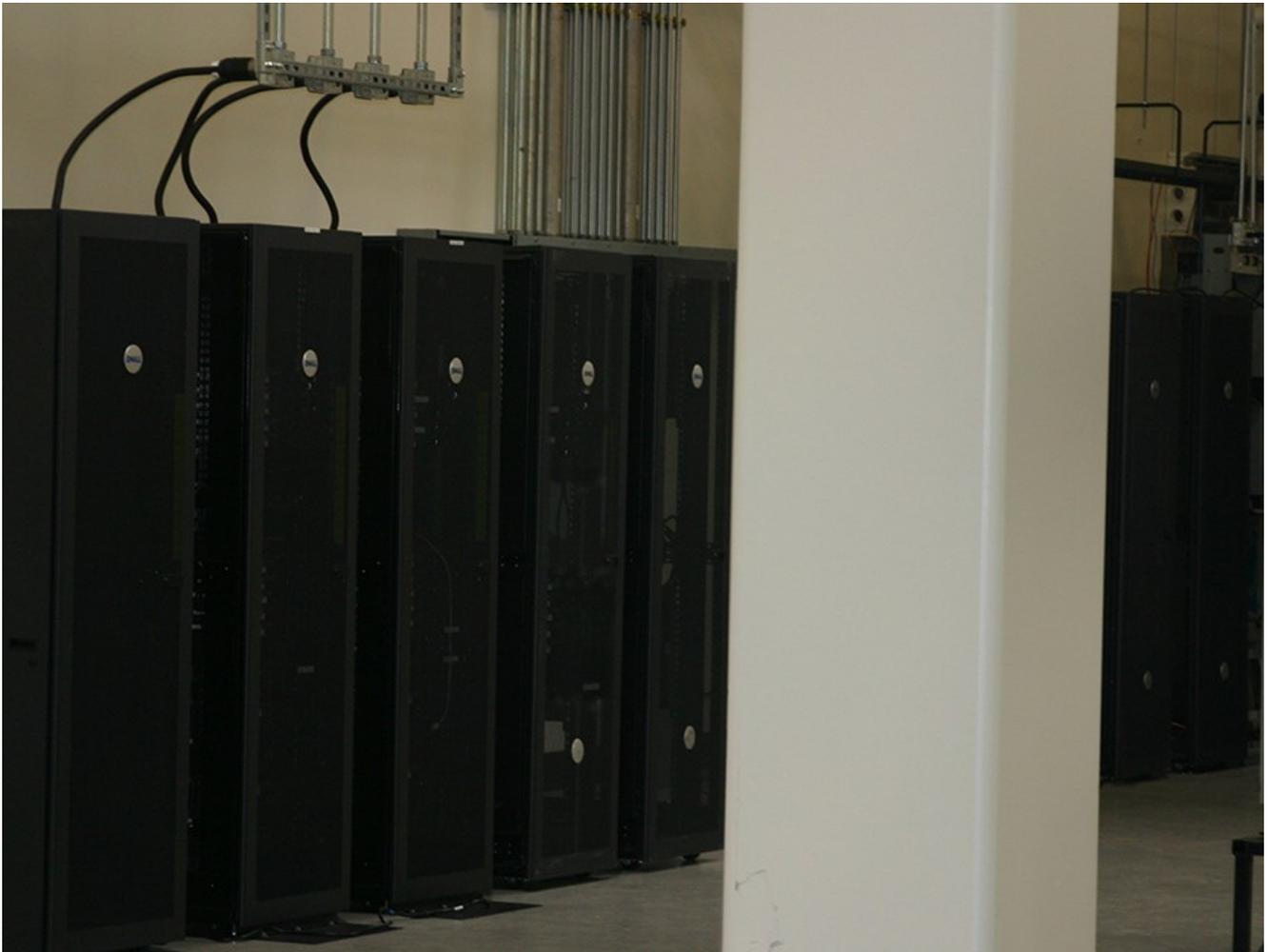


These 3000 lb solid steel blast doors are capable of withstanding the enormous overpressure of a nuclear detonation within 2 miles. This over-engineering means that the doors exceed even the heaviest bank vault standards and are essentially impenetrable.

At this point we reach another set of steel doors within the mantrap and another verification point.

From there we visit the security desk at the entrance to the data center floor where visitors undergo a final check against photo ID records and approved access records from our clients.

Congratulations, you've made it to the USSHC Data Center! Several thousand square feet of climate controlled, disaster-proof, colo space, safely tucked away underground behind 3-6 foot thick EMP shielded reinforced concrete walls.



Our standard supplied rack is the Dell Poweredge 4210 locking cabinet. Power is delivered overhead through A/B outlets.

Cooling is provided by our Liebert data center AC units utilizing geothermal cooling as a heat exchange medium.



Our Primary Liebert systems redundancy is supplied by 30 ton Trane AC units as secondary and tertiary redundancy using unique cooling/heat exchange methods. As with all equipment that was designed around the facility these are suspended on large springs, designed to absorb the shock of any natural or man made seismic events. We use private wells for our water supply to eliminate the threat of pipe breakage or system issues that are beyond our control.



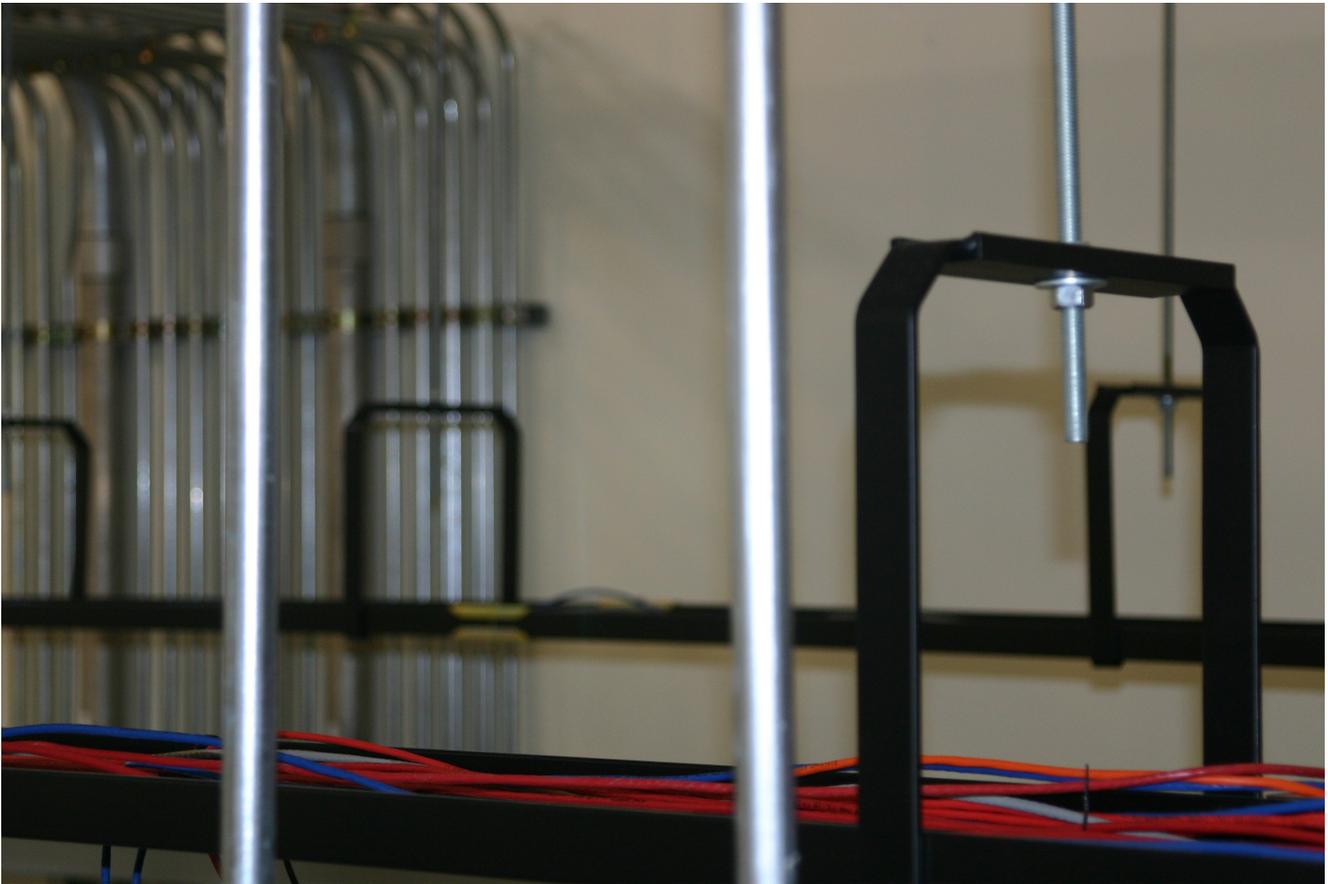
We utilize diverse manufacturers for our UPS systems to help ensure that we are not crippled by a common point of failure between these systems.



Similarly, we maintain diverse gen sets from CAT in the form of standard diesel generation, and turbine generators that are kept in secured rooms underground, each with their own separate fuel stores and delivery lines. With these systems in place we can operate indefinitely even if the surrounding grid were to fail for extended periods of time.



USSHC exclusively uses Cisco gear for networking. Our staff has been working with Cisco for our networking needs since the mid 1990's and it continues to serve us well. Our switchgear to client racks relies heavily on tested enterprise grade Cisco switches. Ladder racks above client colo areas allow us to cleanly route cables to customer racks.



Every effort at USSHC goes into providing the highest quality colocation in the world. From our personal service, attention to detail, 24x7 support, security, redundancy, and more.

If you have any questions regarding the USSHC facilities please feel free to contact us!

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