



US1 Data Centre - Tyson's Corner, Mclean, Virginia, USA

Welcome to our hosting presence on the East Coast of the USA which is provided by HopOne Internet. This location is excellent for global hosting with a large portion of the world's internet traffic passing through it.

The location has been carefully picked as one of the highest elevations (well above the 100-year flood plain) and most reliable power areas in all of Virginia. This central location ensures optimal connectivity, speed, and routing, minimizing the number of hops - and thus the chance of any problems.



Power Generators

The data centre is fed via three separate power feeds and is protected by two separate generators with 3 additional roll-up generator connection points.



Air Conditioning

A modern data centre requires over 30 tons of cooling per each 1000 sq. ft. This data centre has ample cooling - designed and engineered with the capacity and redundancy in place to keep the current and future generations of (even denser and hotter) servers cool. Outside condensers are located in two separate areas.



Network Connectivity

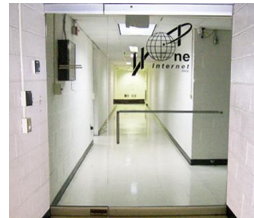
Looking Glass Networks, now known as Level 3, one of the most financially healthy fibre carriers, provide the private fibre-optics through multiple OC-192 SONET rings throughout northern Virginia and DC.

The Data Centre is connected to the world's internet via most US Tier 1 ISPs via redundant Cisco 12012 GSR routers.



Security

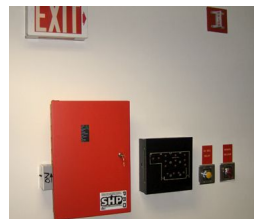
The data centre is secured via multiple perimeter access systems, fire-proof heavy-duty doors, and is equipped with 24x7x365 live video surveillance.



Doors are key coded to ensure only appropriate staff have access to relevant areas. The data centre is of course always staffed around the clock, 24x7x365.



Multiple level independent fire-suppression systems are installed throughout the data centre to protect its contents.



In addition to the physical security, our border Cisco firewalls protect our network from hackers and unwanted visitors.



UPS Power

The data centre has 3 UPS systems. Each power feed into the building has its own UPS system.