Las Vegas SuperNAP

INFOSHEET

Why All Data Centers are Not Created Equal

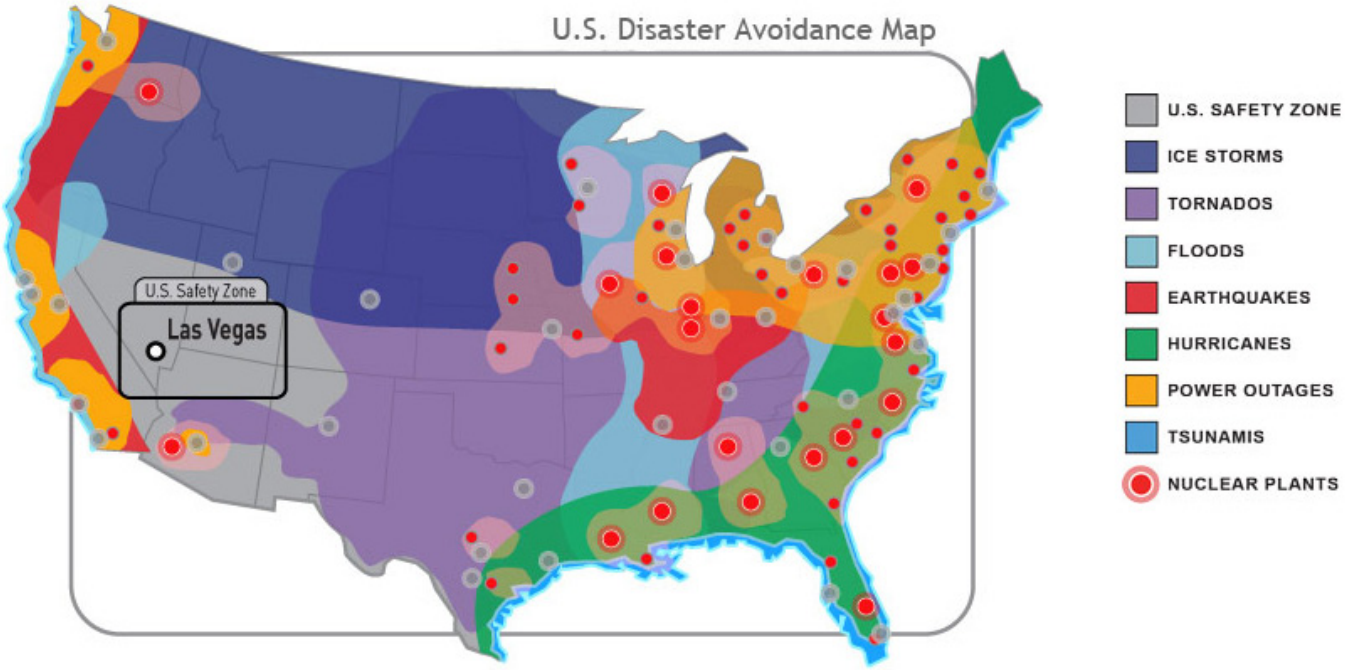
The Las Vegas SuperNap

Auto-Graphics' Data Center of Choice

Auto-Graphics (A-G) offers its customers absolute flexibility when it comes to making the important decision of how and where to host their data and automation system. Libraries have the option to host their system in-house with an on-premise installation. Those libraries looking to host their system off-site have the option of using A-G's Software as a Service (SaaS) option or selecting and working with a data center location of the library's choosing that the library would then manage.

Selecting the right data center is no easy task, and the management team at A-G has gone to great lengths to ensure that the data center facility that houses all of our SaaS customer data is amongst the safest, most secure and trusted data centers in America – the SuperNap Las Vegas located in Southern Nevada. Housing many of the world's largest and most influential companies, it demands the highest levels of security, efficiency and reliability.

A-G believes that the Las Vegas SuperNap is the best data center to provide the highest level of service and to protect our library customers' interests and our own.



The SuperNap is Strategically Located

Touted as America's safest data center, the SuperNap in Las Vegas is the ideal location for mission-critical services and data that your library depends on. In addition to existing in the U.S. Safety Zone, the SuperNap also lives within a realm of extensive renewable energy sources and in one of the newest urban infrastructures in the country. It's location in southern Nevada provides the ideal setting for a data center facility as the area is considered a "dead-zone" and one free from the threat of natural disasters. Southern Nevada also has a highly sophisticated power grid, and is a gateway for data flow from the west coast to the east coast.

The SuperNap Las Vegas Provides True Multi-Tiered Security

A-G's data center choice to host our SaaS customers offers grounds, facility, security systems and trained staff provide considerable obstacles to any security breach.

Data Center Exterior Physical Security:

The data center employs hardened physical security methods including perimeter barriers, blast walls, clear avenues of approach, monitored entry and exit gates and extensive video surveillance. Entry points are kept to a minimum and each exterior door is reinforced, alarmed, access controlled and viewed by a dedicated fixed camera.

Data Center Command Center Fully Manned, 24/7 Security Command Center:

All security staff members are hired with military and security experience and undergo comprehensive training in policy, procedure and non-lethal weapon practices. Security management staff are required to be active members in ASIS International. The Command Center monitors local, national and international events, weather and air traffic in addition to all sectors of the facility and client access.

Data Center Entrance Man-Traps:

Exterior doors of the data center lead to custom engineered man-traps built using fire corridor construction, sheeted with 12-gauge steel and strapped by 1/4" aluminum. Passage through the man-traps requires biometric and access card authentication. Each man-trap includes audio and fixed camera surveillance. Equipment entering and exiting the facility is escorted by security personnel.

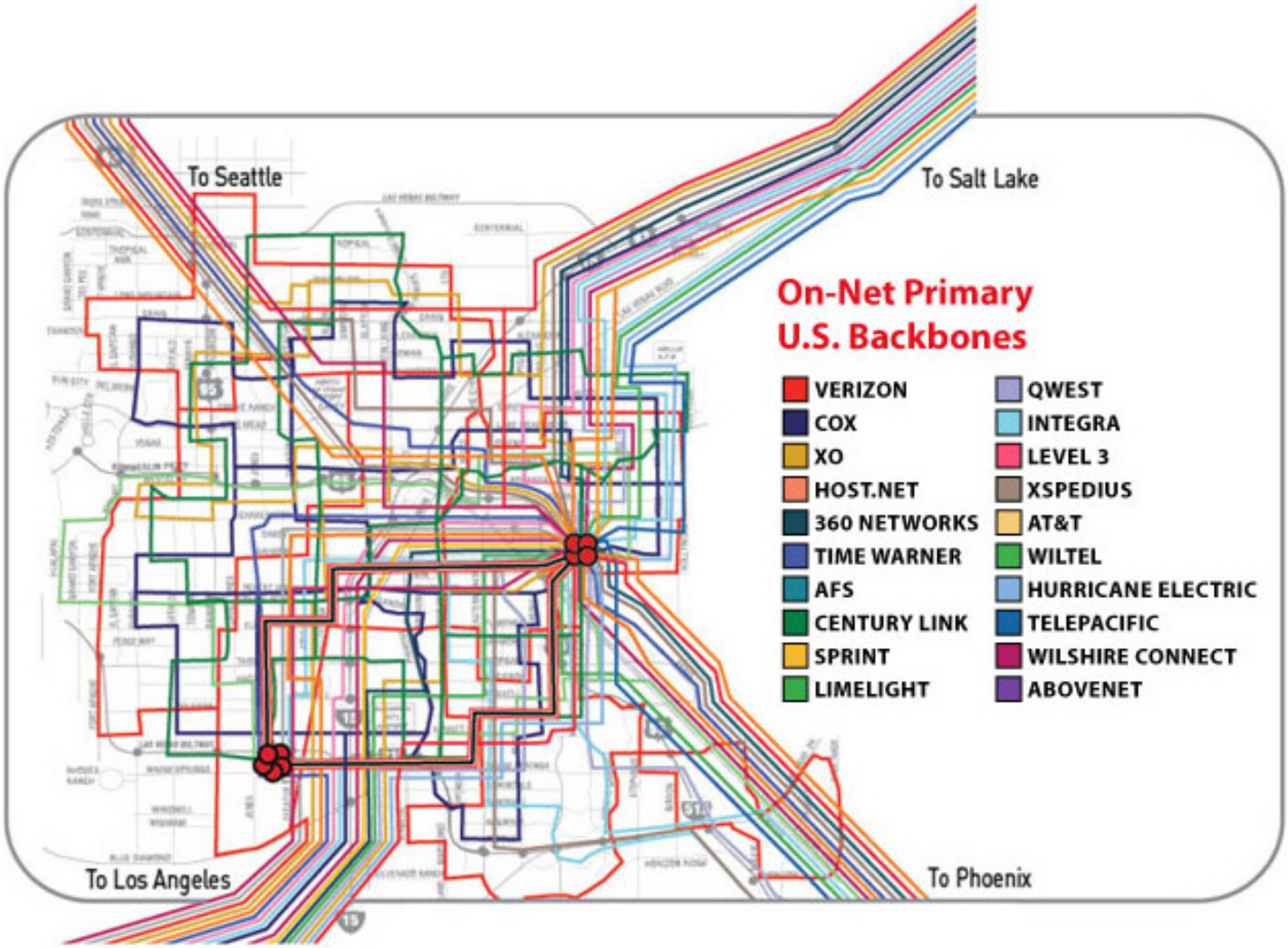
Data Center Server Cages Individualized Protection:

Each client space - cage, cabinet or suite - is individually locked and monitored. Detectors are used around the property and provide early warning for perimeter and sensitive area intrusion. Sensor types include infrared motion, ultrasonic motion, photoelectric motion, electromechanical sensors such as door contacts, internal lock sensors and seismic sensors.

The SuperNap's Carrier Interconnectivity

Multiple providers ensure the continuity of your communications and services to and from the SuperNap. No other facility in the U.S. has more in-building, on-net backbone connections from separate Tier-1 providers.

Due to the newest power grid in the U.S and Nevada's low population there are no large population power congestion areas to worry about at the SuperNap. All of the power is delivered in a true System + System configuration, so each primary and failover system is completely separate from each other and each is able to run 100% of the needed power for the centers.



More About The Las Vegas SuperNap

- The World's Most Powerful Data Center Ecosystem
- 2,200,000 square feet of Data Center space
- 500 MVA of power capacity
- 567 MVA of generator capacity
- 294 MVA of UPS (Uninterruptible Power Supply)
- 202,000 tons of cooling
- 22,000,000 CFM (cubic feet per minute) of airflow
- Over 31,000 cabinets
- 24/7/365 on-site security, safety, and critical infrastructure personnel
- 500,000 square feet of additional on-net office space

Auto-Graphics

Powering the Business of Library ™

Auto-Graphics, Inc. • 430 North Vineyard Avenue, Suite 100 • Ontario, CA 91764 • 800.776.6939 toll-free
www.auto-graphics.com • info@auto-graphics.com