

Central Power and Cooling (North America)

For information on SmartDataCenter.com's products and services please visit <http://smartdatacenter.com>

THE POWER IS IN YOUR HANDS

SmartDataCenter.com offers our clients the ideal networking and hosting environment for mission-critical equipment in over 65 Level(3) Gateways. Level(3)'s power and cooling service provides carrier-class stability and environmental control. We work with Level(3) engineers to design solutions that provide optimal power for your equipment, while managing aggregate power and cooling across the facility.

POWER TO THE NTH DEGREE

Level(3) Power and Cooling services supply ample power to meet your co-location needs. Each Level(3) Gateway has an uninterruptible power supply (UPS) provisioned in an N+1 configuration. AC and DC power is available in a variety of amperages common to meet the needs of data center and network equipment. You can choose from any number of power configurations for cabinets and private suites. If your power needs fall outside of Level(3)'s preconfigured options, SmartDataCenter.com will work with you to find the right power solution.

YOUR POWER IS SAFE

With Level(3) Power and Cooling services, you can be confident that your power requirements are consistently being met. Level(3) facilities provide two types of backup to your normal power supply: battery and diesel generator.

Battery backup and emergency generators provide enough backup power to keep Level(3) facilities operational at maximum load. Customer-powered AC equipment, as well as Level 3-powered AC equipment is backed up by batteries within the UPS. The UPS batteries have 15 minutes of capacity at maximum load. DC powered equipment is backed up by batteries with four hours of capacity at maximum load.

Diesel generator capacity is designed at a minimum to meet utility-grade load. Automatic Transfer Switch (ATS) provides a smooth transition to generator backup when the utility feed is lost.

YOUR EQUIPMENT IS PROTECTED

Level(3) facilities are designed to provide the optimum co-location environment. Temperature and humidity sensors located throughout the facility help ensure that proper levels are maintained. The facilities are equipped as follows:

- Facility HVAC units are spread evenly throughout the Gateways and are fully equipped to support typical computer room applications with humidifiers and electric reheat coils to control humidity
- Raised-floor environments efficiently move and distribute air to maintain consistent data center temperatures
- Perforated tiles deliver air to the co-location area and can be moved/added to redirect cool air into warm spots
- Overhead racks distribute electrical cables, which allow the raised floors to move air without any obstructions

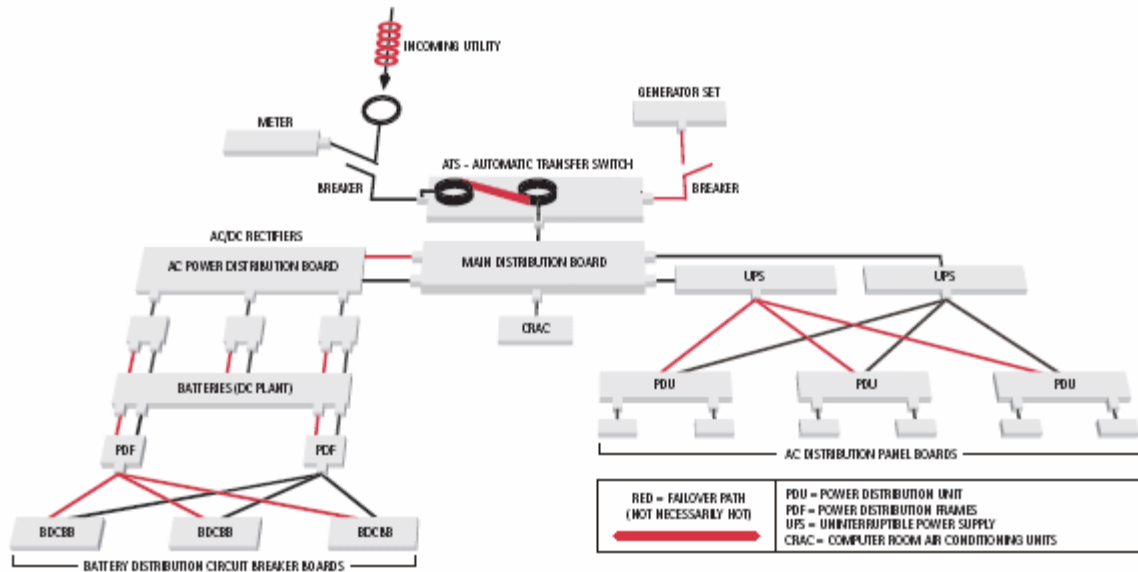
CUSTOM-DESIGNED POWER SOLUTIONS

When necessary, SmartDataCenter.com will engage Level(3)'s team of experts to evaluate and design custom solutions that optimize performance while minimizing your costs. Onsite labs allow Level(3)'s staff to evaluate various equipment configurations and determine the appropriate solution for you.

POWER AND COOLING FEATURES

SmartDataCenter.com provides you with:

- The ability to customize your solution to accommodate your needs
- Highly reliable facilities with battery and diesel backup
- Power solutions designed to cool and protect your mission-critical equipment
- Standard offerings that include AC and DC in a variety of voltages and amperages



Redundant Every Step of the Way

Every power distribution device and path is protected by a backup or redundant component. When a path or component fails, an automatic transfer switch (ATS) or static transfer switch (STS) activates the appropriate protective source within milliseconds.