

colocation services

Redundant Power Circuits

For customers with a requirement for increased power availability, Internap makes available redundant circuits as optional services in all of its colocation facilities. A redundant circuit does not increase the total draw available to customers, but provides a second circuit path which when properly used mitigates the potential for power outages within a customer's cabinet or cage area.

Internap redundant circuit capability varies by facility. If available, the following types of redundancy may be considered by customers:

- **Dual-Bus Redundancy:** Internap® makes available dual-bus redundancy in certain facilities that are 2N redundant. In these facilities, Internap is able to offer true redundancy: separate A and B feeds, each of which is connected to an entirely self-sufficient backup power system including diesel generator(s), an automatic transfer switch, UPS capacity, power bus and power distribution unit. Dual-bus redundancy is not available at all Internap colocation partner facilities.
- **Power Delivery Unit (PDU) Redundancy:** In Internap and partner facilities without 2N redundancy, customers may be provided with redundant circuits connected to a different power distribution unit rather than the primary feed. The location of the second PDU will be determined by Internap or its colocation partner, and both PDUs may share an upstream power bus, UPS and/or diesel generator. PDU redundancy is not available at all Internap colocation partner facilities.
- **Power Breaker Redundancy:** For customers seeking only separate circuit breakers, Internap will deliver a separate breakered redundant circuit from the same PDU as the primary feed. Power breaker redundancy is not available at all Internap colocation partner facilities.

Terms and Conditions

- Redundant circuits delivered with live power so that customers with dual corded or redundant server installations experience no downtime in the event of a primary feed failure.
- Customer equipment should only draw power off of the primary electrical feed.
- Redundant feed should be used only in the event of a disruption with the primary feed.
- Installation of redundant feed will not in any way increase the quantity of wattage available for draw.
- Draw in excess of the allotted primary circuit wattage will be considered a violation of the colocation space sublicense.
- "Redundant" circuits utilized so that there is a constant draw will be charged as though the customer has purchased additional primary power at Internap's current list price for power.

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