

Colocation Services: Secure and Reliable Data Facility

OVERVIEW

Intelligent Fiber Network (IFN) provides Colocation (COLO) services to enterprise customers and carriers at two secure facilities. Colocation and carrier meet point services allow for uninterrupted work through power outages, power surges, demand overload, security issues, and other threatening conditions. IFN's carrier-grade connectivity is state-of-the-art for data backup and disaster recovery.

Key Highlights of COLO:

- **Two Data Facilities:** The largest of IFN's facilities is located in the Indianapolis Carrier Hotel complex at 701 Henry Street and features a carrier-grade power plant derived from filtered DC power. The second location is within the IFN headquarters building in northwest Indianapolis.
- **Secure:** Environmental and performance monitoring and alarms.
- **Customized Configurations:** Cages are 10x10 or larger and options to rent a full or half cabinet.
- **Survivable Carrier-grade Power:** 48V DC, 120V/208 Inverted AC, Redundant AC and DC.

Service Description

- Fiber interconnections within the data center and to other locations.
- Customers who have leased space within an IFN colocation have 24x7x365 access to their equipment.

TECHNICAL SPECIFICATIONS

701 Henry Street:

701 Henry St., Suite 301, Indianapolis, IN

3,600 square feet of COLO space, Cages or Cabinets are available

10'x10' Cages

- Can be expanded in 10'x10' increments where space is available
- 120/208VAC or 54VDC available

Cabinets

- 45Ux30.0" wide x 42.0" deep steel construction, casters, levelers
- Two pair - 12-gallon EIA rails square hole, 50 - 6mm mounting hardware
- Split perforated (78% open area) front door with a 3-digit combination and key override locking swing handle
- Top panel front and rear brush frame opening
- Solid bottom
- Painted central office is a white texture

AC Power

- AC power is provided by Benning 3-phase 120kVA Inverter system
- Input voltage: -48 VDC
- Output voltage: 208 VAC L-L, 120 VAC-L-N, 3-phase, 4-wire Y 60Hz
 - Dual (protected) AC feeds are available
 - Six-hour 48 VDC battery backup maintained for Inverter
 - 450KW diesel standby generator for commercial AC backup

DC Power

- Only available in Cage areas
- 54 VDC 'A' and 'B' power feeds available in 10amp increments
- Eight-hour 48 VDC battery backup maintained
- 450KW diesel standby generator for commercial backup

Interconnections

- Available to customer Cage or Cabinet COLO space via dark fiber cross-connect or lit-service fiber cross-connect as follows:
 - Within IFN's 701 Henry Street, Suite 301 Data Center
 - Intra-701 Henry Street building
 - Inter-building within Henry Street Telecom Center Complex is available to several buildings
 - Fiber meet points located in the basement of 701 Henry Street building

Security

- Key card access to the facility
- Individual locks to Cages and Cabinets
- 24x7 monitoring of environment by IFN's Network Operations Center (NOC)

5520 West 76th Street:

5520 W. 76th St., Indianapolis, IN

660 square feet of COLO space, Cabinets available

Cabinets

- E2 Cabinet, 46U 24" W 42" D
- 19" EIA square holes, vented left
- Hinged front and rear doors
- Plain side pane
- Painted black texture

AC Power

- AC power is provided by Benning Inverter system
- Input voltage: -48VDC
- Output voltage: 120 VAC-L-N, Single-phase 60Hz
 - Dual (protected) AC feeds available
 - Eight-hour 48VDC battery backup maintained for Inverter
 - 500KW diesel standby generator commercial AC backup

DC Power

- Not available

Interconnections

- Available to customer Cabinet COLO space via copper Ethernet up to 1Gbps, dark fiber cross-connect or lit-service fiber cross-connect

Security

- Key card access to the facility
- Individual locks to the Cabinets
- 24x7 monitoring of environment by IFN's Network Operations Center (NOC)