CO-LOCATION SERVICE

We safeguard confidential information.
Our reliability is widely known.

What you get with Co-Location Service

Today's business-critical applications require the utmost in reliability and availability. Reliance Data Centre Co-location service sits on the edge of the most robust network backbone available. Its carrier-class co-location facilities include Reliance network-based route optimisation services, as well as the support and security you expect from Reliance. When combined with its industry-leading Service Level Agreements (SLAs), covering co-location and connectivity, the Reliance co-location solution has no match. Characterised by unsurpassed client service, Reliance offers an extremely reliable infrastructure for your business-critical applications.

Features	Description
RESILIENT INFRASTRUCTURE	
Earthquake Resistant	Facilities designed to withstand earthquakes and natural disaster
Raised Floor System Utilizing Bolted Stringers	Prevent rack/equipment from displacement vibrations caused due to earthquake, etc.
POWER	
Reliability Of Power	Reliance uses its main power from two separate feeders. These feeders are connected to DG sets which, in turn, supply power to UPS. From UPS it is supplied to multiple Power Distribution Units (PDUs). Each rack in IDC gets power from two separate PDUs (on different power panels), so as to offer complete redundancy end to end, thus enabling high uptime of power, with minimum downtime
SNMP Controlled UPS For Remote Monitoring	Proactive monitoring, immediate fault notification, remote management of fault, leading to reduced component failure, high uptime
Futuristic Design To Address Increased Load	UPS system is designed for 165% load. UPS are backed by a standby DG sets, which are on AMF operation and takes the UPS load in one minute. Thus, there is 1:1 redundancy with load bus synchronize scheme
FIRE PROTECTION	
Cross Zone, Multiple Types Of Fire Detectors	Effective detection of various attributes during fire breakout. Zone distribution helps in avoiding false alarm
Thermal/Optical/ Ionization Sensors	Due to fire breakout temperature of the air may increase, smoke may be generated or there may be change in the chemical composition of gas, different sensors capture these attributes

Features	Description
VESDA System Early Warning Alarm System	Air samples are collected at regular intervals, light scattering pattern is being monitored, any anomaly in same can be due to fire, which is detected and reported at an early stage
Individual Rack Circuit Breaker	Helps in localizing the short circuit caused damages
FM 200 Gas Based Fire Suppression	FM 200 gas effectively controls fire without causing damage to human beings and electronics
Building Management System (BMS)	Data Center facilities are controlled by central BMS on a 24X7 basis. The BMS system is equipped with central monitoring & Alarm system (locally & remotely both) from all electrical and environmental systems.
Water Leak Detection	Water Leak Detection sensors to detect the water leakage at all the points below the floor in IDC

ENVIRONMENTAL CONTROL

Highly Redundant Precision Environmental Control System	Provides non-stop appropriate ambient atmosphere to smoothly operate mission critical applications
Controlled Temperature (22 Degree Celsius, +/- 1 Degree)	Control the heat generated by electronic equipment
Controlled Humidity (50% Rh, +/- 5%)	Balance the humidity to reduce corrosion and avoid friction of VLSI devices
Dust Controlled Up To 5 Micron	Provides clean and dust free environment required for electronic component safety
Harmful Gas Controlled Up To 95%	Non contaminated environment

PHYSICAL SECURITY

Physically Isolated Co-location Facility With Multiple Layers Of Security	Three layers of Physical security: Security officers at main gate, Key Card Access at IDC Building and Biometric Access at Server Hall Enterance
CCTV Monitoring With Archival	Onsite security on a 24X7 basis Video Camera Surveillance at all critical points in IDC and archival of the record for 30 days. All areas including cages monitored and recorded by CCTV integrated with access control and Alarm system

NETWORK CONNECTIVITY

Pan India	Connected and accessible via pan India fibre network
Minimum Hop	Accessible within minimum hops from over 485+ international Internet Service Providers (ISPs)
Global Connectivity	Connected to 52 countries including US, UK, Middle East and Asia-Pacific regions through Reliance Global Telecom backbone and other undersea cable systems like Se-Me-Wea-3

Features	Description
FLEXIBLE SERVICE OPTION	Customer can choose from multiple service options such as U-Base (1U to 20 U), Rack-Base (40 U) and Area-Base (Multiple Racks) Co-location which comes with features suitable to your requirements
OPTIONAL SERVICES	
Remote Hands & Eye Support	RHES is the service offered to perform basic intervention task on IT infrastructure of customer hosted. With this the control primarily remains with customer as they can virtually have a physical control over their equipment
CCTV	Dedicated CCTV camera to monitor the different access point of customer hosted set-up with logs provided on quarterly/monthly basis. Also customers can remotely monitor their area from anywhere within the reach of the network
Sitting Space	Sitting space offers the workstation either adjacent to the hosting area or in the vicinity within the campus to manage & monitor set-up
Access Card To Customer	Customer can be provided with separate access card to ensure more security
Secured Cage	Offer dedicated secured cage with mechanical lock and sliding door for customer set-up

BENEFITS

- **Save Cost:** Reduce costs of up-front CAPEX on facilities, equipment and people
- **Higher Availability:** 99.99% facilities and network uptime guarantee
- **Disaster Management:** We have the necessary disaster management systems in place to ensure that your services stay online 24x7
- **High Speed, High Availability Internet Bandwidth:** With our Co-location service our customer receives network connection with a choice of fixed bandwidth or usage based billing
- **Scalability:** Anytime scalability to take care of your growing business needs
- **Customised Solution:** Customers are free to create the package of services that corresponds to their current needs
- **More Focus:** By relieving customer from day to day management, he has more time to focus in core business activities
- **Live On-site Technical Support:** Available 24x7x365 by email, telephone or through our user-friendly on-line support web portal

CUSTOMERS CAN ALSO AVAIL OTHER SERVICES:

- Backup and recovery • Hardware including server, storage and network • Monitoring and reporting • Security including Firewall, IPS and VPN • Load balancing • Domain registration and DNS support • SSL accelerator service • Internet bandwidth

It makes perfect sense to safeguard business data with paramount care and hire a professional with the support of world-class infrastructure to securely host the data. Would the word not spread then, if a data hosting service ensures you highest level of service in a customised and simplified package? At a time when everyone is looking at going global, there is no better solution than the Co-location service from Reliance.