एसटीपीआई
STPI

STPI DATA CENTRE

BHUBANESWAR

Robust | Reliable | Redundant

# With a Foolproof Redundant Infrastructure –A Premium Service Guarantee for You –At Any Time

Key Features

- **Seamless Customer Experience**
  A single client portal, delivering a unified experience.

- **High availability**
  Precision engineered for maximum uptime.

- **Value-added services**
  Co-location, Private Cloud, Disaster Recovery (DR), Business Continuity Plan (BCP)

- **Wide range in equipment hosting**
  42 U-space with full cabinet and availability of partial rack space.

- **24x7 remote Data Center support**
  Swift and smart support for basic and advanced tasks.
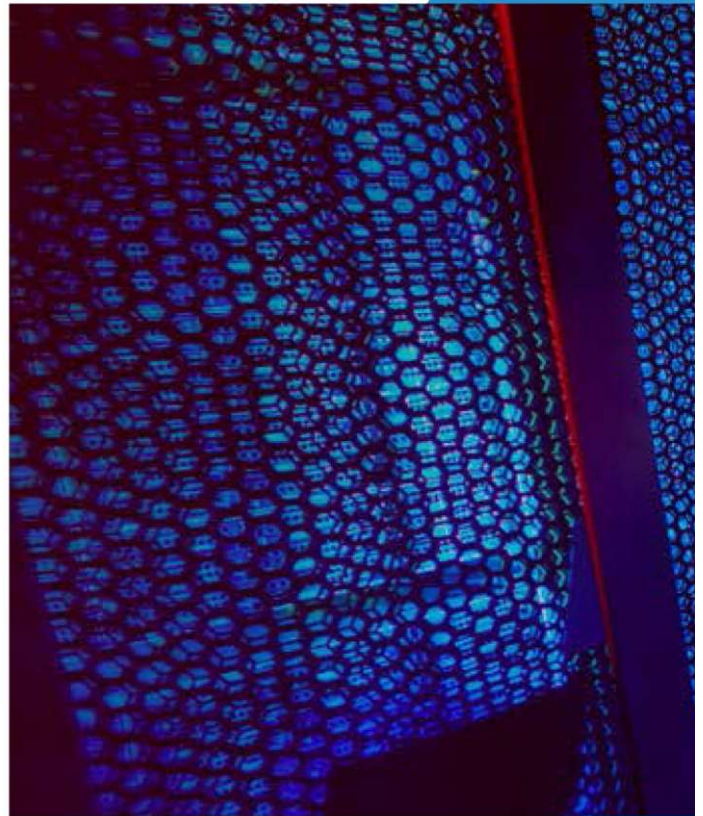
Data Centre Specifications

POWER

- 1 MW of Utility Power.
- Power feeds from diverse Power Receiving Stations – for superior redundancy.
- N+N Captive Power with 96 hours Fuel backup.
- N+N UPS system.
- Mission-critical Data Centre infrastructure design with high resiliency assuring availability of 99.98% SLA maintainable concurrently.
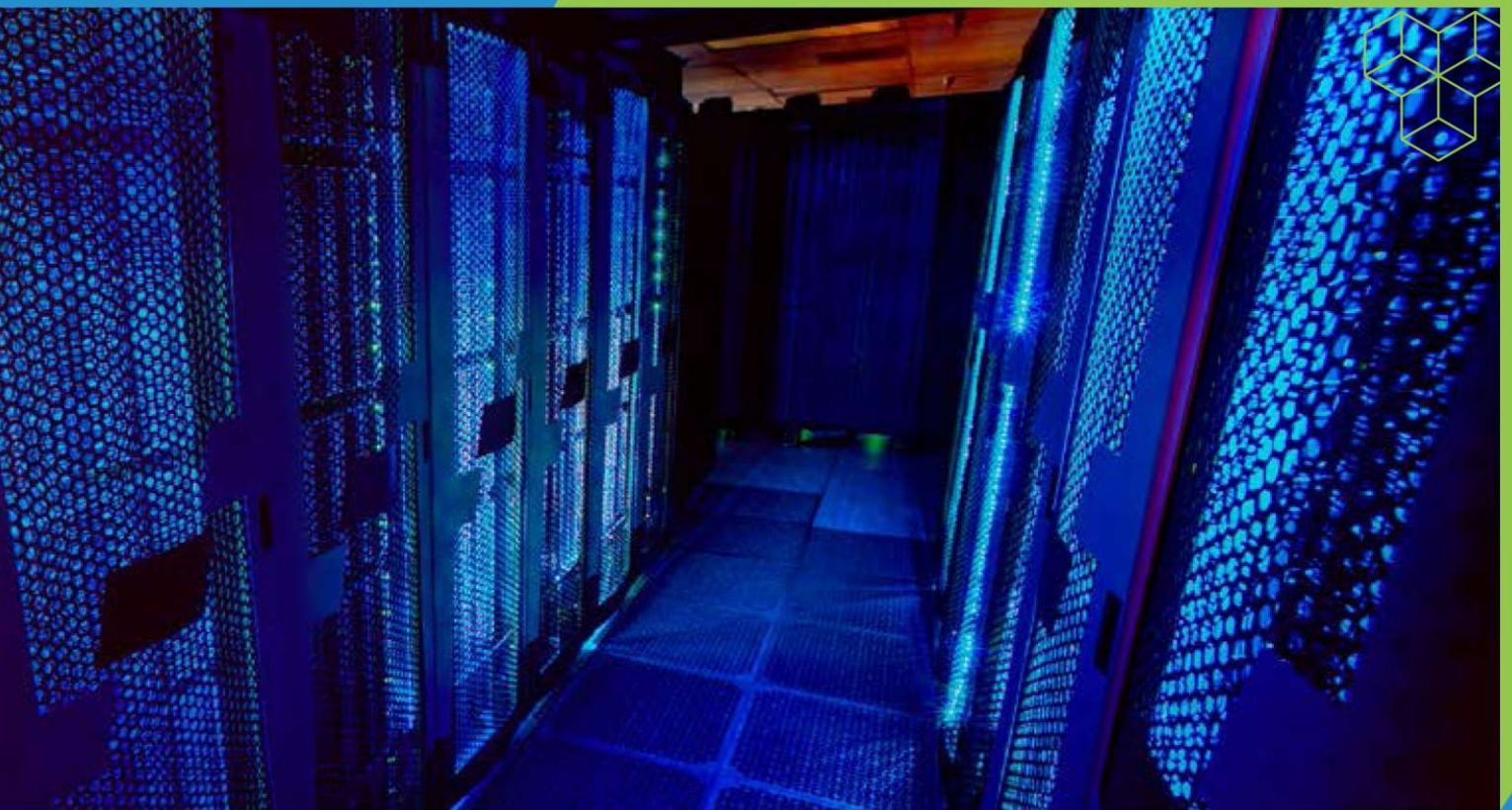
COOLING

- Independent cooling systems in an N+N redundancy.
- Advanced PAC System.

NETWORK

- True Carrier Neutral Data Centre.
- Presence of all Major Telcos.
- N+N Physically diverse carrier fiber entrances.
- Multiple physically diverse carrier rooms equipped with redundant physically separated Network & ISP rooms.

OPERATIONS

- Highly qualified and trained 24 x 7 x 365 onsite Operations, Facility Management and Engineering Teams.
- Intelligent Data Center IBMS system for real-time monitoring.
- Operational Data Center ensuring world-class reliability, service and customer satisfaction.

SECURITY

- Multi-factor identification with multiple layers of 24 x 7 physical / electronic security before access to co-location halls.
- Digital PTZ cameras that monitor all Data Center areas including building perimeter, parking lots, entrances, roof and loading bays.

FUEL SYSTEM

- Redundant 15 KL bulk wall diesel tank storage for 96 hours back-up at full load.
- Unique automatic fuel management system with dual, physical diverse piping.
- Fuel Polisher delivering 100% clean fuel for backup power generation.

INFRASTRUCTURE

- Pre-installed and tested structured wiring system providing any-to-any connectivity over fiber or copper media with a minimum installation time.
- High ceiling with the capability to accommodate 42U racks.
- 15 person at a time - 1.5 ton service lift for equipment delivery.

Our Service Offerings

1.0 Co-Location Services

+ Upto1 Gbps Bandwidth Connectivity.

+ + 24x7x365 monitoring by industry certified on-site staff.

+ + 99.98% uptime Network as we have dual Active network paths including N+N redundancy for Firewall, Routers and Switches thereby eliminating any single point of failure.

+ + The highly advance laser based Very Early Warning Aspirating Smoke Detection system (VESDA) and CryptzoTM engineered NOVEC 1230 gas based fire suppression systems.

+ +Advanced HVAC (Heating, Ventilating, and Air Conditioning) systems providing optimal server operating conditions.

+ + Perimeter level firewall to ensure that Customers' servers are always safe from hackers and malicious attacks over the internet.

+ + All the above backed by 6 layers of security thereby ensuring that Customer's data is protected and available at all times.

2.0 Private Cloud

We Offer the best Cloud Infrastructure i.e IaaS (Infrastructure As A Service) & PaaS (Platform As A Service) along with perfectly pooled resources.

3.0 Network Security

Build fail-safe and secure networks

Our Network Security services keep your digital assets and intellectual property safe from the external threats, attacks and manipulations. We deliver this through a combination of industry-leading tools and technologies years of domain expertise. Our intervention including remote managed security services which exactly what customer organizations needs to mitigate risks and avoid devastating loss of sensitive and competitive information.

Intelligent Network Security solutions

We offer a complete suite of services to proactively protect and defend Customers' Devices. This includes next-generation managed firewall, intrusion protection, infrastructure security services and network security monitoring.

NEXT–Generation Firewall

Our next generation managed firewall security services is/are an intelligent and integrated offering of appliance hosting and management. We deliver an optimal level of network security throughout the asset life-cycle, enabling organisations to enhance their end-to-end security posture, while lowering TCO. We also support an extensive range of firewall OEMs.

Key features

Complete Suite of Services

+ Dedicated and virtual firewall options
+ End-to-end spectrum, from installation to assessment and defense
+ High availability and load-balancing features

24X7 support

+ Facilities monitoring, including security event and appliance health
+ System administration, updates, patches and hotfixes
+ Change and configuration management
+ Fault management through troubleshooting, problem identification, RCA

Intelligent Security

+ Unified portal for device management
+ Real-time portal-based analytics and reporting
+ Ability to provision devices, make upgrades and modify policies

Flexible and Scalable

+ Wide range of deployment options
+ Highly configurable and supports a wide range of appliances and devices
+ Scalable to meet future security needs

IBMS 5 Layers of Security System

+ Layer1 Boundary wall, Iron gates, DC Fencing with manned security (Existing).
+ Layer 2 Plot monitoring using PTZ cameras.
+ Layer 3 Building entrance with reception area, all the internal areas in all floors are secured by means of Access control Systems & CCTV.
+ Layer 4 Infrastructure of Data Centre Building area secured by means of Access control system & CCTV.
+ Layer 5 Server Room secured by means of Biometric cum Card Reader Access control System and CCTV.

Trusted By Our Valued Customers

BHUBANESWAR Smart | idco — Your power to grow — ISO 9001 & 14001 | ODISHA NEW OPPORTUNITIES | Directorate of Mines — Government of Orissa

नालको NALCO | FOOD SUPPLIES & CONSUMER WELFARE DEPARTMENT GOVERNMENT OF ODISHA

DGH DIRECTORATE GENERAL OF HYDROCARBONS (Ministry of Petroleum & Natural Gas, Government of India) | TPCODL TP CENTRAL ODISHA DISTRIBUTION LIMITED (A Tata Power and Odisha Government Joint Venture)

isu iServeU Redefining Financial Inclusion | PARC Scheme for Promotion of Academic and Research Collaboration | CSM

And many more...

STPI Bhubaneswar Data Centre