

Anant Raj Limited

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ARL/CS/13427

September 5, 2024

<p>The Secretary, National Stock Exchange of India Limited, "Exchange Plaza", 5th Floor, Plot No. C/1, G-Block, Bandra – Kurla Complex, Bandra (E), Mumbai-400051</p> <p>Scrip code: ANANTRAJ</p>	<p>The Manager Listing Department B S E Limited, Phiroze Jee Jee Bhoy Towers, Dalal Street, Mumbai – 400001</p> <p>Scrip code: 515055</p>
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Subject: "Data Center Presentation"

Dear Sir,

Please find enclosed updated version of Data Center Presentation, in terms of Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

The same will be used for various business purposes.

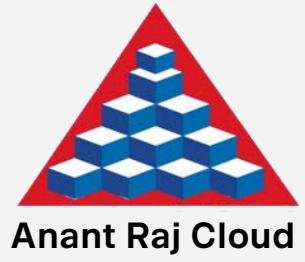
You are requested to kindly take the same on your records.

Yours Faithfully,

For Anant Raj Limited

Manoj Pahwa
Company Secretary
A-7812

Encl: as above



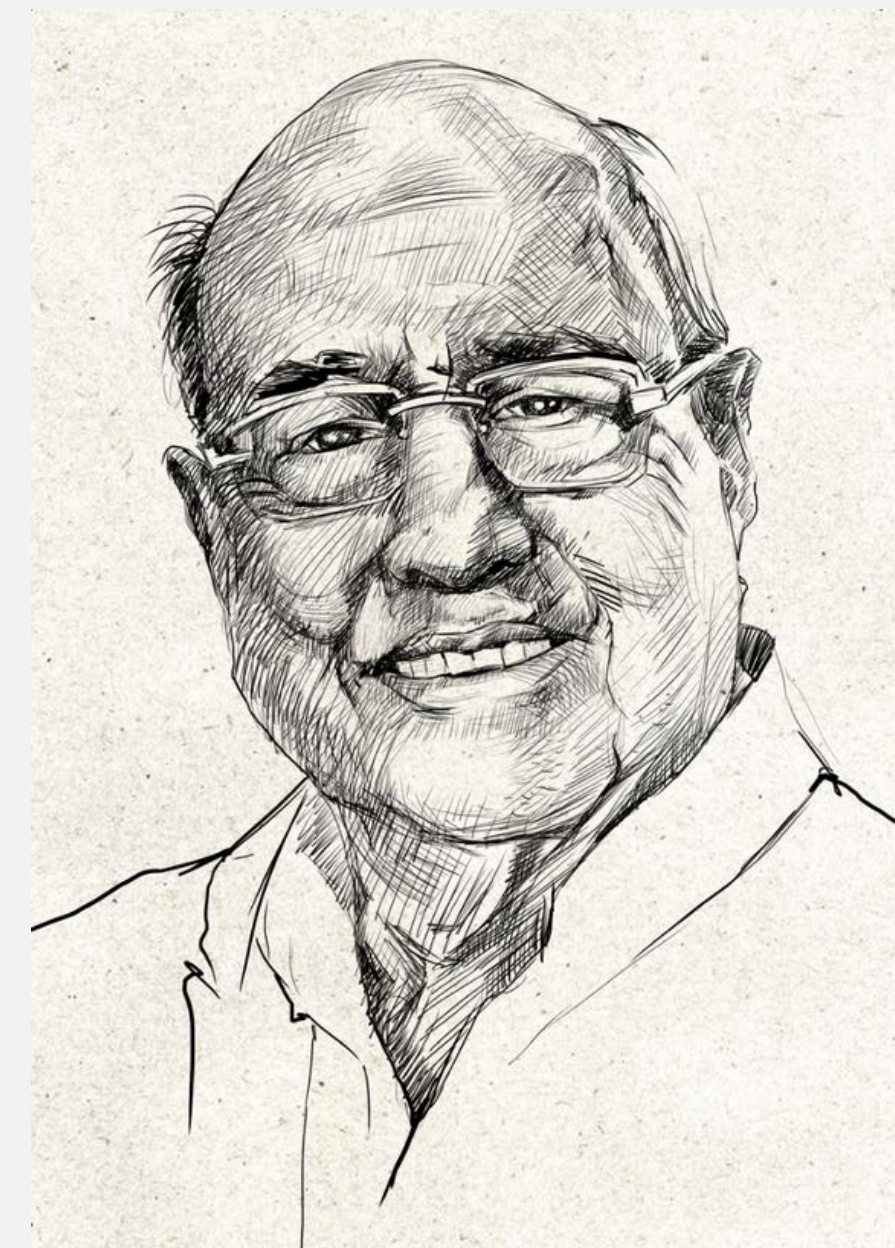
Anant Raj Cloud
Data Center Bharat

Strong Foundation
Stronger Future

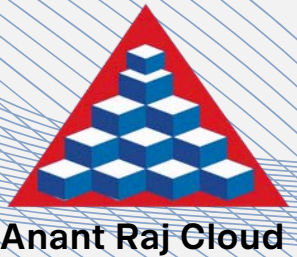


“A Vision Turned Into Reality”

Shri Ashok Sarin (Grandson of Shri. Rai Sahab Shadi Ram Sarin) started his Journey into the Construction & Development Business at a very early age. With the blessings of his parents Lala Anant Ram Sarin and Smt. Raj Kumari Sarin, established the Brand “Anant Raj” (named after the first names of his Respected Parents), a Construction & Development company formed in the early 1970's. The Company in a very short period became synonymous with the highest degree of Quality & Ethical Business Standards and was reckoned as one of the largest Construction & Development Companies of the 70's & 80's era. The Company built almost 30000 houses in Delhi and NCR Region. Some of the prestigious projects delivered included Housing Complexes, Asiad Village Complex, Rohini, East of Kailash, Shekh Sarai, Madangir, Katwaria Sarai and many more. It was one of the main Contractors doing work for all major Government Agencies i.e. DDA, MES, PWD, CPWD, etc. It worked as DDA contractor from the year 1969 to 1990.



Shri Ashok Sarin
Founder



ANANT RAJ LIMITED

Building on its well-established Construction Business, the Company ventured into leasing of Commercial Properties in prime areas of Delhi. The first property leased by the Company in the year 1978 which it still owns.

The Company was fortunate enough not to need to sell any of its Commercial Properties, a strength that it maintains to date. Today it boasts of almost 5 million sq. ft. of leasable space, most of which is ready and leased out. It has to its credit some of the prime locations in Delhi & NCR.

The Company has gradually attained the position of one of the largest Real Estate Developers in the Delhi, NCR Region and is into almost all Verticals of Real Estate. It is also one of the largest Land Bank / Property Owners of Delhi NCR. Its Businesses include:



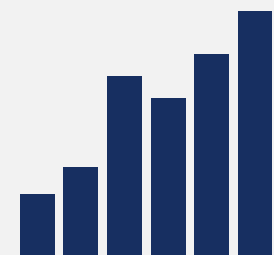
Why Data Center in India?



India is witnessing robust growth in Data Center market, based on an unprecedented surge in virtualization, cloud computing and public data generation.



The market is expected to grow at 18% CAGR from 2024 to 2029, and colocation revenue is expected to grow at CAGR 19% to reach USD\$ 4.6 Billion by 2029.



India is the 2nd fastest growing digital economy in the World. IT & Communication sector shall double by 2025 and shall contribute appx.USD\$ 400 Billion to the Indian GDP.



Favourable Political Climate with Planned Incentives

Aim to promote and incentivize Data Center and Localized Data Storage in India by terming Data Centers as an essential infrastructure in line with roads, railways and energy generation.

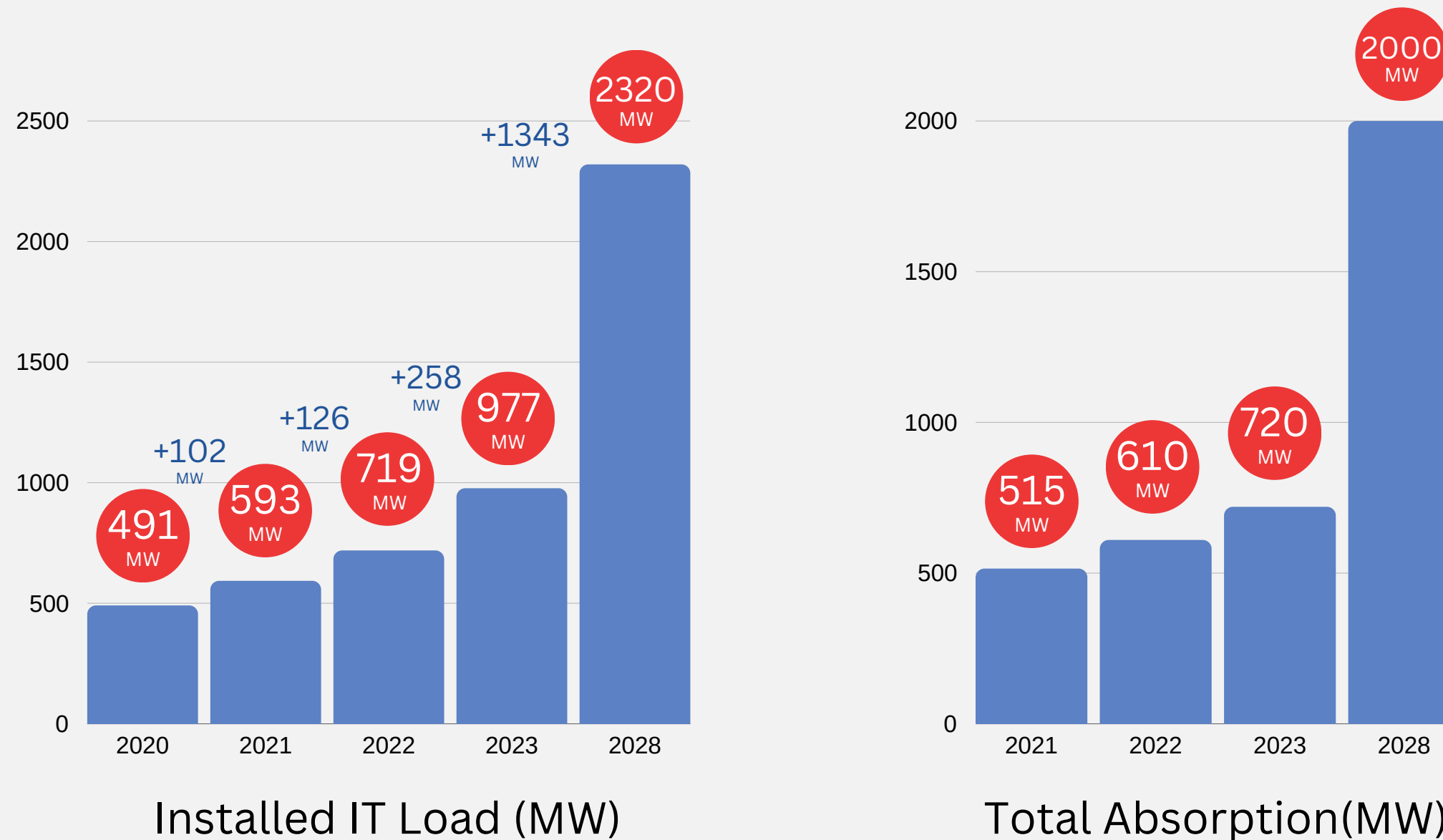
Several Policy Growth Drivers for Data and Data Center in India, namely:-

- Digital India Initiative
- Data Protection & Localization Bill 2019
- National E-Commerce Policy
- Updating of IT ACT
- India Data Center Policy 2020
- Haryana State Data Center Policy 2021

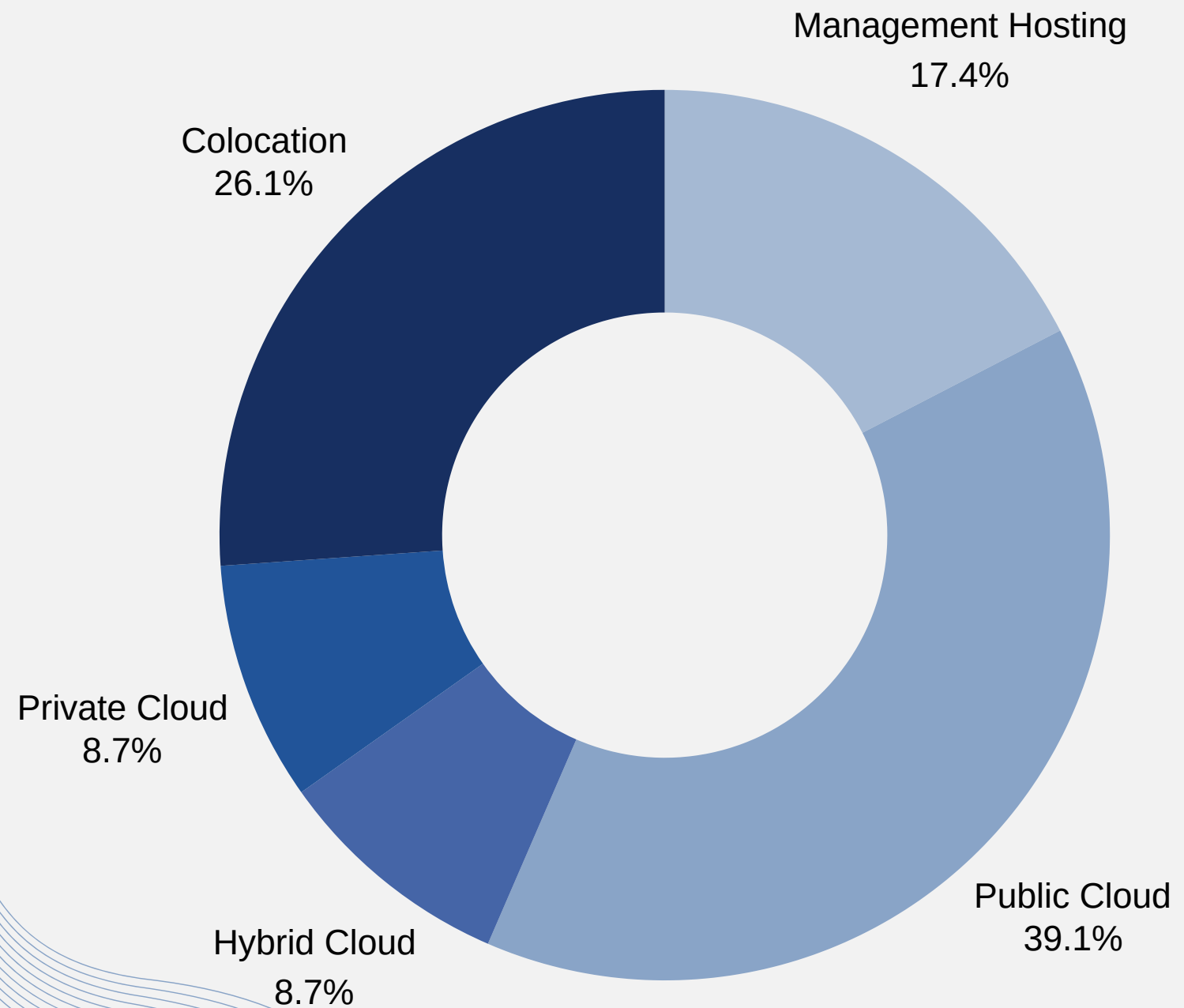


Potential of Data Centers in India, Current Scenario and Projections

India Data Center Colo Capacity Addition and Absorption in Recent Years



India's Cloud Market



- Total Cloud Market – Rs. 50K Crores
- Hyper Scaler CSP Share – 95%
- Indian CSP Share – 5 %
- Government Business Share – 37% , Approximate Rs. 18K Crores with CAGR of 13%
- India CSP Share – approx. Rs. 900 Cr



Anant Raj Cloud Roadmap

Services Offered

- Cloud Service – IaaS (In association with Orange Business)
- Co-location Service

- Cloud Service – IaaS (In association with Orange Business)
- Co-location Service
- Artificial intelligence enabled solution.

2024-2025

2025-2026

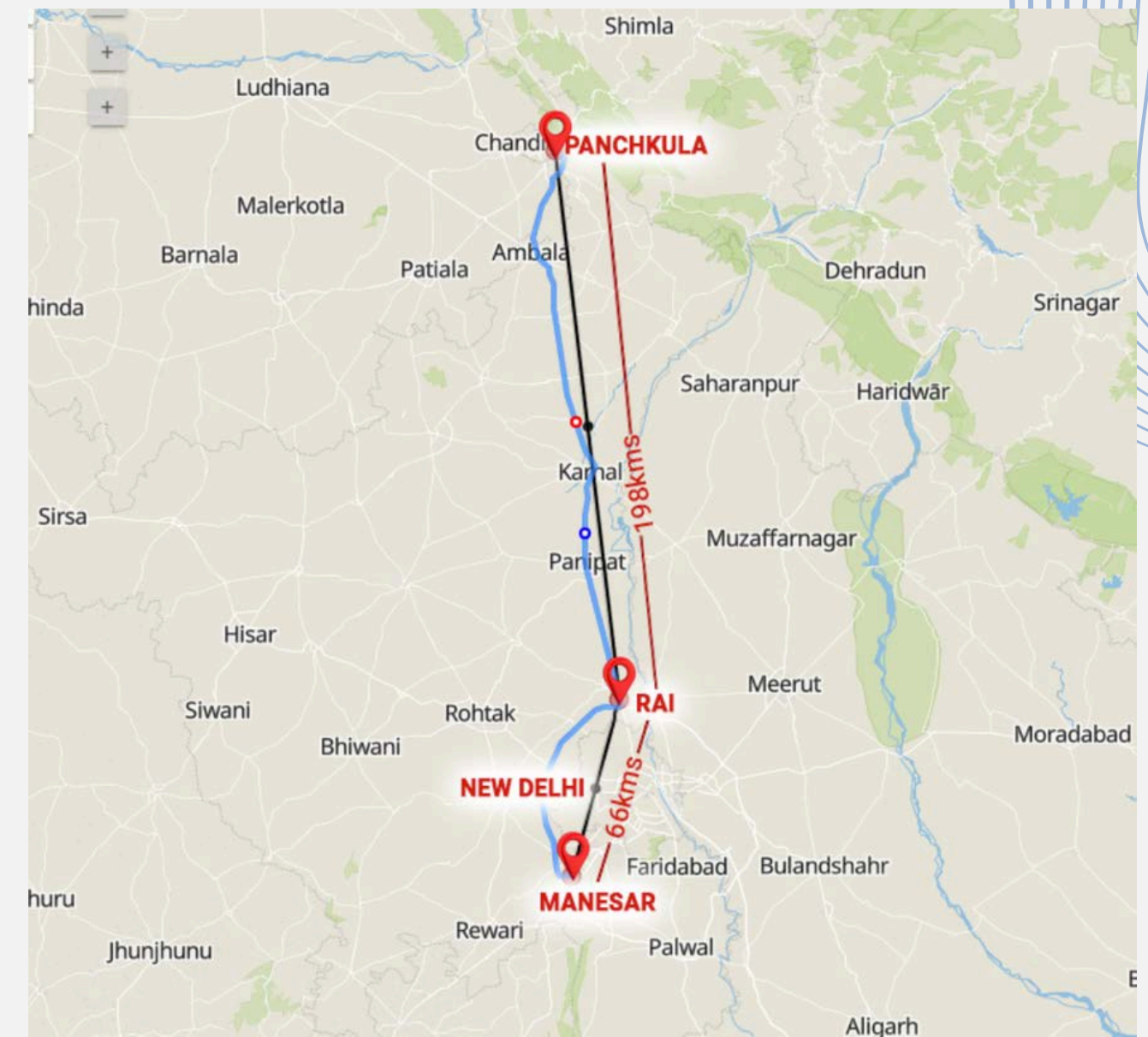
Capacity (to be operational)

- Manesar Campus – 21 MW
- Panchkula Campus – 7 MW

- Manesar Campus – 36 MW
- Panchkula Campus – 7 MW
- RAI Campus – 20 MW

Next Generation DC, Near DC & DR (Map Layout)

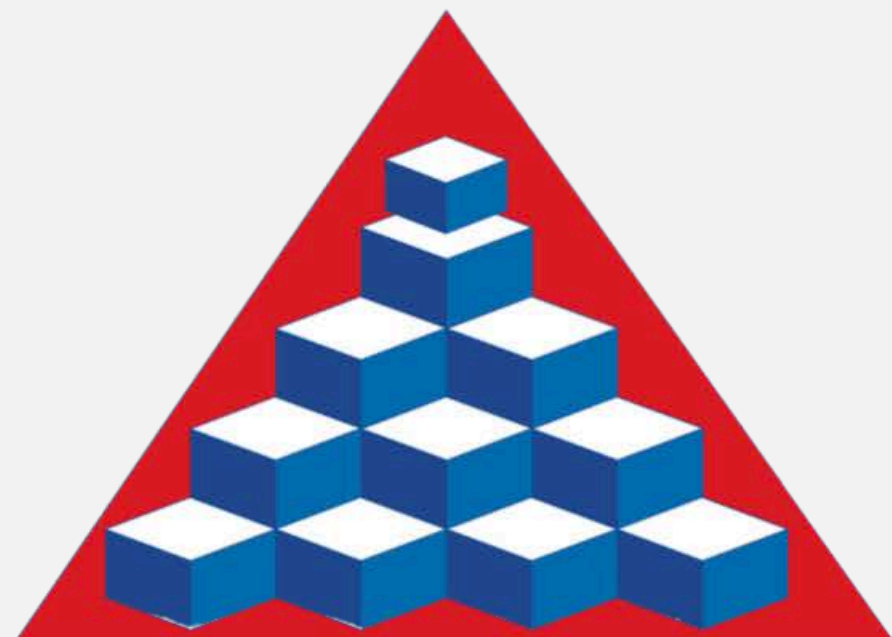
- Delhi – IMT Manesar (Haryana)
Distance : 28kms
- IMT Manesar (Haryana) – Tech Park Rai (Haryana)
Distance : 66kms (Near DC)
- Tech Park Rai (Haryana) – Tech Park Panchkula
(Haryana)
Distance : 198kms (DR)
- IMT Manesar, Haryana – (Tech Park Panchkula
Haryana)
Distance: 264Kms (DR)



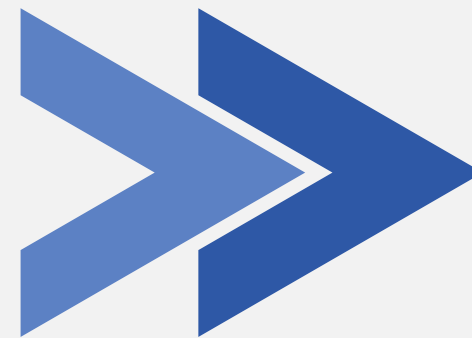
Certifications



Strategic -Tie-ups



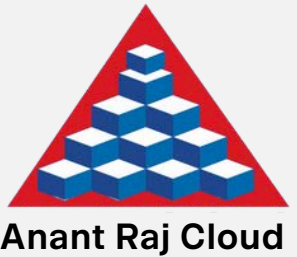
Anant Raj Cloud



Business



Next Generation Development – Data Center Manesar (Haryana)



World Class
Vendors



Area

- 10 Acres
- Constructed Area – 1.8 Million Sq. ft



Construction and Certification

- TIA-942 Tier III Constructed Facility
- IGBC Gold
- ISO Certification



Capacity

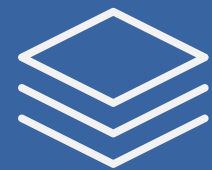
- 1st Phase: 450,000 Sq. Ft. of IT space with 21 MW IT Load
- Total Capacity – 50 MW IT Load. 6 MW IT Load- Ready



Key Features and Security Parameters

Data Center Manesar

- Dedicated cabinets / exclusive secured cages/suites for ensuring data security
- Highly energy-efficient DCs with low PUE
- Carrier-neutral with 4 fibre path redundancy 2 HDAs/ floor -> High bandwidth connectivity
- N+N redundancy for UPS & telecom infrastructure (Tier III norms require N+1 only)



Multiple Security Layers

- Property Boundary with Signage & Fencing.
- Secure Perimeter – Main Entry Gate, Overlapping Cameras,
- Building Access – Car Under Belly Check, Biometric, Access card and ID, Baggage Scanners, DFMD, Hand Held Detectors.



Data Security- Firewalls / Encrypted Data

- SOC room – Security Operations Center – Brain of Security System – Card Access Doors, CCTV Cameras, Batch readers, Biometric Access

Actual Pictures of Server Hall & Services

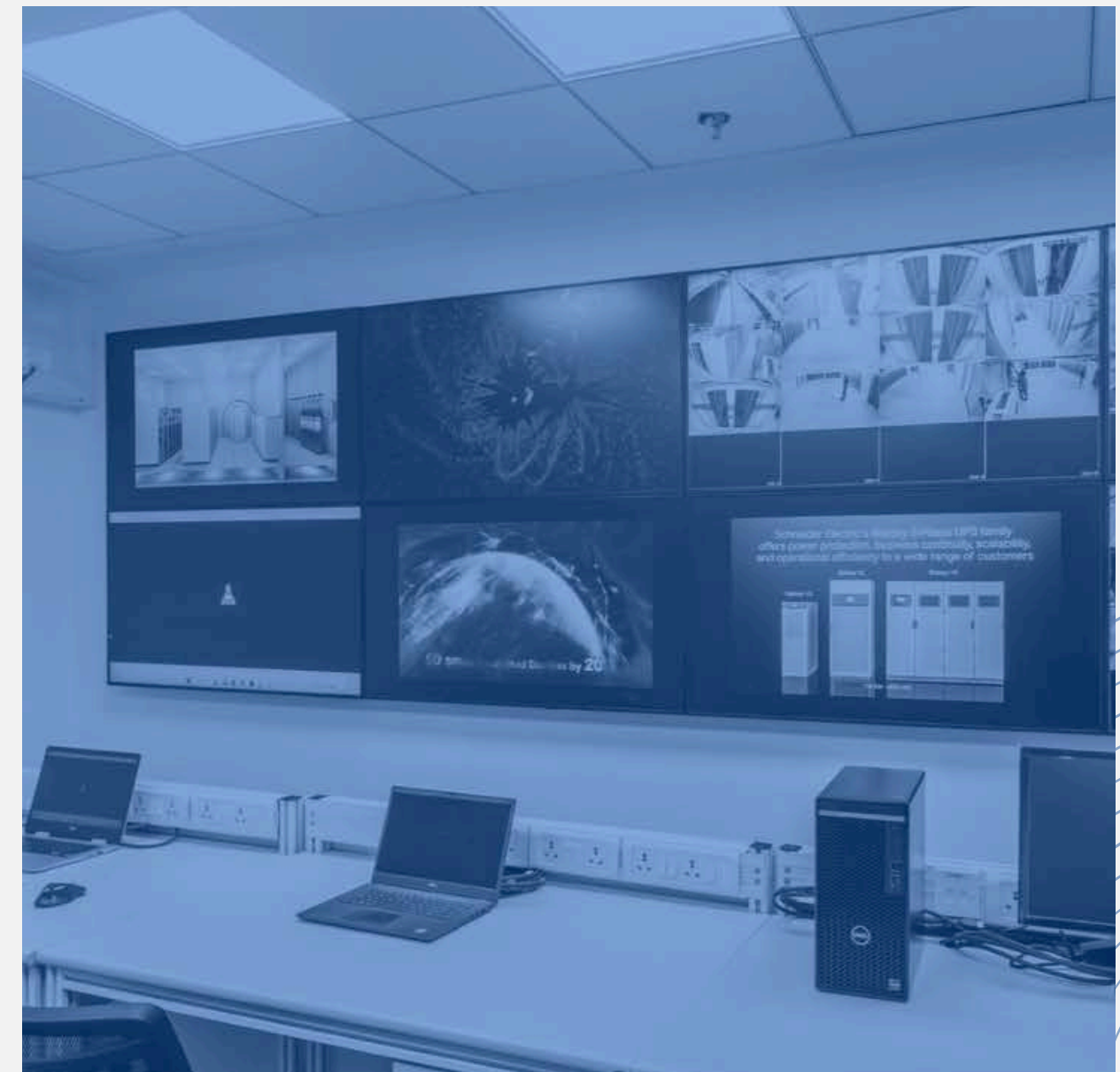
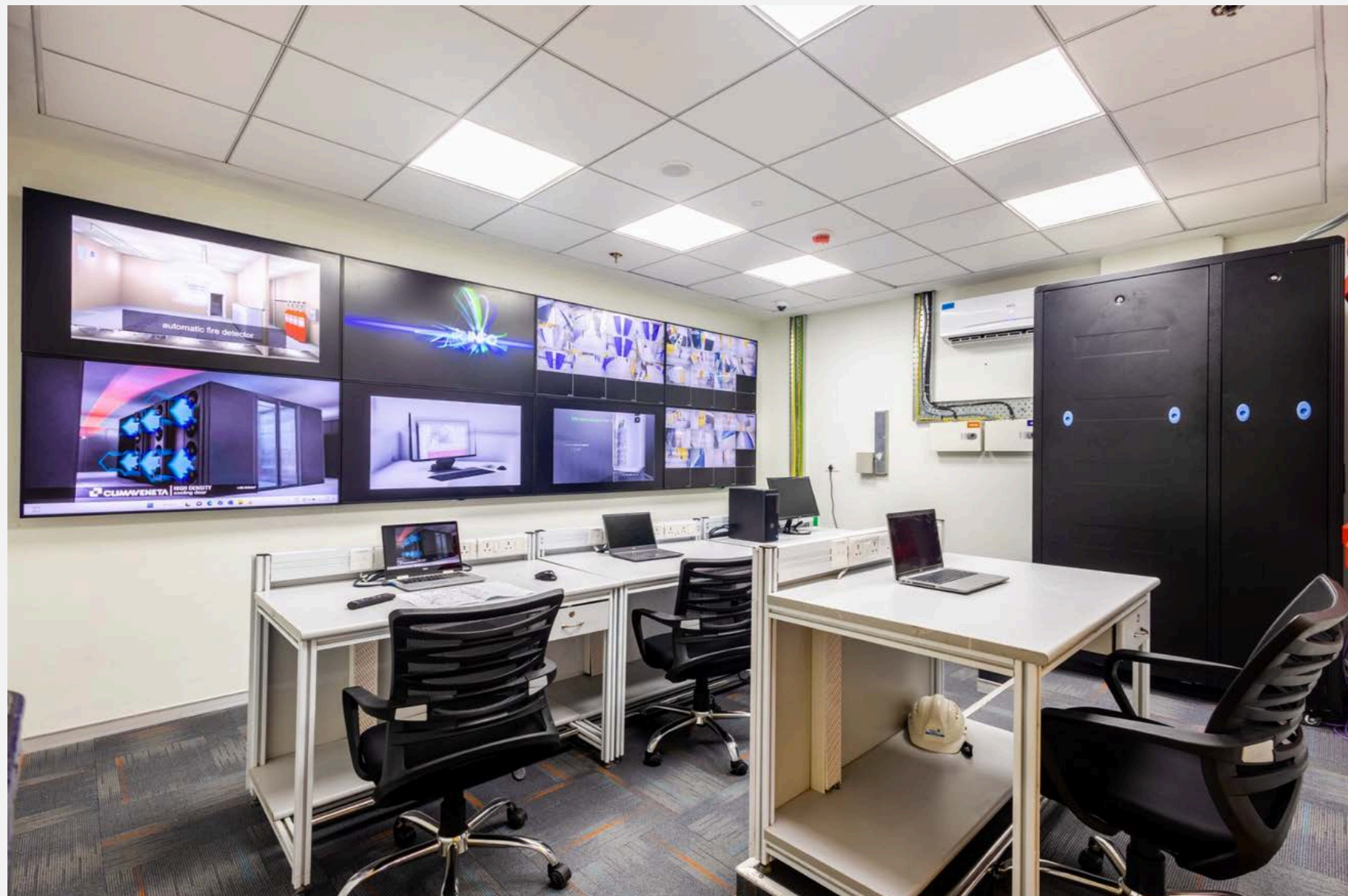


Lithium-ION BATTERY BANK

- Longer Life 15 yrs. (Li-ion Batteries) vs 3 yrs. (for VRLA Batteries)
- Compact Size - Space required for Li-B is 65% lesser than VRLA
- Monitoring system through BMS - easy Predictive Maintenance
- Reduced TCO (Total Cost of ownership)



BMS (Building Management System) Room with Controlled Systems



Committed to Sustainability

Harnessing Technology Responsibly:
Sustainable Data centers for a Greener Tomorrow

Our Data Centers and server rooms meet high standards for energy efficiency, demonstrated through aggressive power use effectiveness (PUE) targets.

- **Advanced Cooling Solutions:** Using a Hybrid model of both Air-Cooled & Water-Cooled Chillers to create an efficient system depending upon the climate & saving on both water and energy usage.
- **Efficient Hardware:** Using energy-efficient servers, storage, and networking equipment designed to perform optimally on higher temperature while consuming less power to save energy.
- **Modular Data Centers:** Designing Data Centers in a modular fashion to scale operations efficiently and use energy more effectively.



Committed to Sustainability

Harnessing Technology Responsibly:
Sustainable Data Centers for a Greener Tomorrow

Deploying sophisticated energy management systems to monitor and optimize energy usage:

- **AI and Machine Learning:** Utilizing AI to predict and manage energy loads, optimize cooling systems, and improve operational efficiency.
- **Smart Grids:** Integrating with smart grids to balance energy demand and supply, ensuring efficient use of green energy.
- **Closed-Loop Systems:** Using cooling systems that recycle water to reduce consumption.
- **Air Economizers:** Utilizing air-side economizers that reduce the need for water-based cooling.
- **Solar Power:** Plans in the near future to tie up with Solar Parks for Data Center operations.



Ashok Cloud

The Sovereign Cloud Solution
By Anant Raj Cloud

Ashok Cloud (Public Cloud Service by Anant Raj Cloud Pvt. Ltd.) is a Sovereign cloud cutting-edge infrastructure solution meticulously designed by Anant Raj Cloud team in association with Orange Business to efficiently serve multiple customers while ensuring stringent data security and resource isolation. Rooted in the concept of multi-tenancy, this service offers a shared computing, networking, storage, and backup environment, enabling optimal resource utilization and cost-effectiveness.

Each customer benefits from a dedicated logical area, ensuring complete separation of data and operations, preventing any unauthorized access or interference. With a robust foundation of access controls, encryption mechanisms, and continuous monitoring, our Public Cloud Service provides a secure and scalable platform, tailored to meet the diverse needs of individual customers.

This service not only represents a strategic leap towards cost optimization but also signifies our commitment to delivering a flexible, reliable, and high-performance cloud infrastructure for the digital era.



In Association with
Business



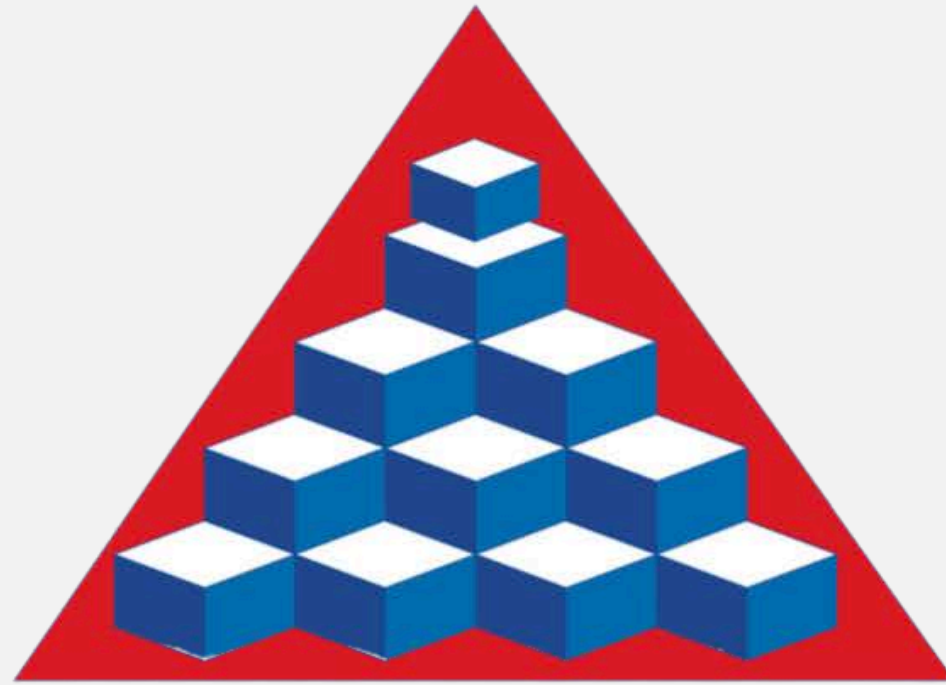
Ashok Cloud - USP



- **Sovereign Cloud:** Fully compliant with Indian data sovereignty laws
- **TIA Certified Tier-3 Datacenter:** High availability and robust infrastructure
- **Local Support:** Dedicated local support teams for quick resolution
- **Lowest latency connections** and strategic, **carrier-neutral colocation**
- **Cost optimization** with cutting edge technologies
- Flexible and **on Demand Infrastructure**
- **Security** native cloud
- Proactive **Monitoring**
- **24x7 Service Desk Support**

ARC - OEM Partners





Ashok Cloud
Cloud Services Platform

Ashok Cloud offered **Services**



Compute

Scalable compute resources tailored to meet business needs.

- Virtual Machines
- Physical Servers



Storage

Store and manage data with secure, scalable storage solutions designed for reliability and performance.

- Block Storage for High Performance
- Object Storage
- NFS Volumes



Backup and DR

Safeguard critical data with comprehensive backup and disaster recovery solutions

- Backup/Restore
- Disaster Recovery
- Archive
- Long Term Archive



Network and Security

Seamless connectivity and robust protection with our advanced network and security solutions

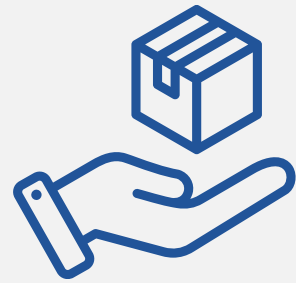
- Anti DDoS
- Core Firewall
- WAF (Web Application Firewall)
- Multifactor Authentication
- Role Based Access Control
- Anti Virus
- Virtual Network for Secure Communication
- Load Balancer
- No Cost for Ingress & Egress traffic
- DMZ Zone for Internet Facing Applications
- SIEM/SOAR]



OS Management

Streamline operations with efficient OS management, providing seamless updates, patches, & support

- Operating System Installation & Configuration
- Patch Management
- Operating System troubleshooting
- Operating System Monitoring



Containerised Service

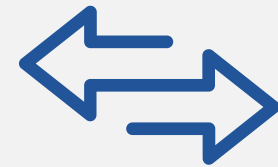
Deploy and scale applications effortlessly with containerized solutions, ensuring consistent performance and flexibility

- Container Orchestration Platforms
- Continuous Integration/Continuous Deployment (CI/CD) Pipelines
- Containerized Databases and Middleware



Consulting Services

- Available 24/7 via email and web
- Tailored cloud strategy and planning
- Workload assessment and architecture design
- Cost optimization and performance tuning



Migration

Seamless cloud migration services, ensuring a smooth transition to the cloud

- On Prem assessment and Migration
- Multi Cloud Migration



Migration Assistance

- Comprehensive migration planning
- Application and data migration services
- Post-migration support to ensure seamless transition



Other Services

- NTP (Network Time Protocol)
- SMTP (Simple Mail Transfer Protocol)
- PKI (Public Key Infrastructure)
- 24x7 Monitoring and Service Desk support

Ashok Cloud - Key Benefits

- **Scalability:** Easily scale resources up or down based on demand
- **Security:** Advanced security measures to protect your data
- **Cost-Effectiveness:** Competitive pricing with transparent billing
- **Compliance:** Adherence to local regulations and industry standards
- **Tier III Datacenter:** Compliant with Tier 3 standard SLAs for optimal performance and reliability.
- **OEMs :** Best OEM products for unparalleled quality and performance

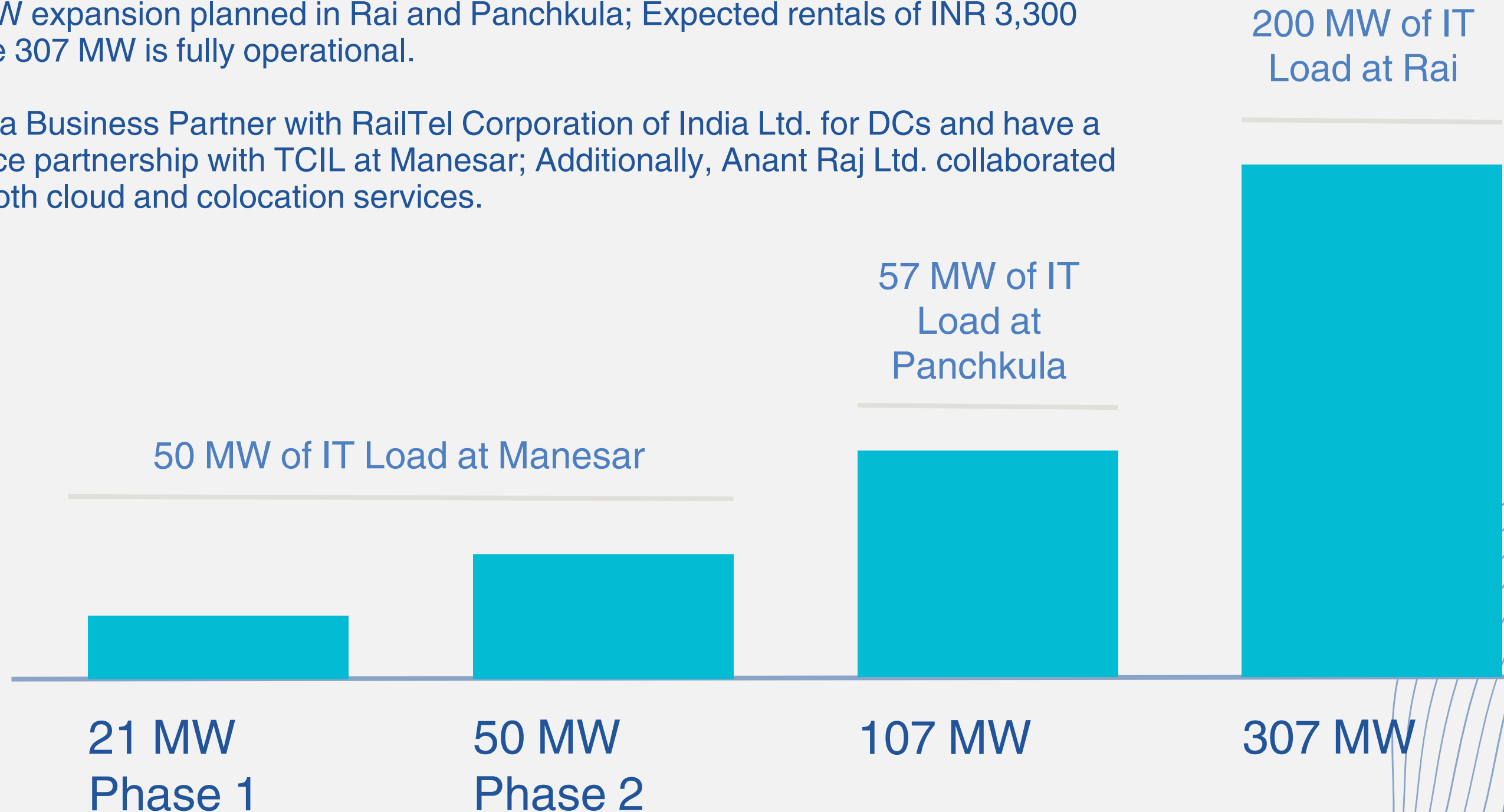


Our Future Endeavours

Early Mover Advantage To Cater The Emerging Demand

- Converting existing 4 million sq. ft. commercial property into a 157 MW Data Center, with another 150 MW expansion planned in Rai and Panchkula; Expected rentals of INR 3,300 crores once the 307 MW is fully operational.
- Empaneled as a Business Partner with RailTel Corporation of India Ltd. for DCs and have a strategic alliance partnership with TCIL at Manesar; Additionally, Anant Raj Ltd. collaborated with TCIL for both cloud and colocation services.

Total Capacity



ARL Tech Park

Manesar - Haryana

MW

6 MW Ready, Another 15 MW under Development stage



Area

- 10 Acres
- Constructed Area – 1.8 Million Sq. ft



Capacity

1st Phase – 450,000 Sq. Ft. in existing building with 21 MW IT Load; 2nd Phase – increase IT Load to 50 MW in existing building.



Location

10 Km from Gurugram – an IT/ITES and BPO Hub of NCR



Status

TIA-942 Tier III Certification received for 1st Phase 21 MW Data Center.



ARL Center

Rai - Haryana



Area

- 25 Acres
- Developable Area – 5.1 Mill Sq. Ft
- Constructed Building - 2.1 Mill. Sq. Ft. (1,00,000 Sq. Ft. Floor Plate) can be converted into 100MW IT Load Data Center.



Location

5 km from NCR; Connected to Airport, Gurugram and Manesar by the operational KMP expressway

MW

200MW IT Load Data Center



Potential

14 Acres of Green Field available with FSI of 1.5 mn. Sq. Ft. which can be designed as a Built-to-Suit Tier IV Data Center with 100 MW IT Load Capacity (two grid power supply is available in this building)



Status

Tier III Data Center in existing building (2 million Sq. Ft. with 100 MW IT Load Capacity) + Built-to-Suit Tier IV Data Center (1.5 million Sq. Ft. with 100 MW IT Load Capacity) can be developed.



ARL Tech Park

Panchkula - Chandigarh



Potential

5.25 acres green field available with FSI of 0.6 Mill Sq. Ft. that can be developed into a Tier IV Data Center with 57 MW IT Load Capacity



Area

- 9.5 Acres
- Developable Area – 1.8 Mill Sq. Ft



Location

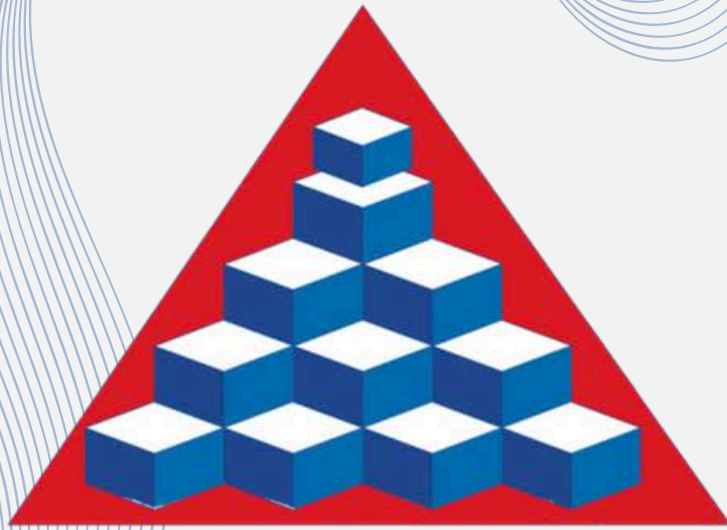
- Anant Raj Tech Park within tricity of Chandigarh - Mohali - Panchkula
- Close to Himachal Pradesh



Status

- 0.6 Mill Sq. Ft. IT Building with Commercial Offices is operational
- **Current Status:** 7 MW under Development





Anant Raj Cloud
Data Center Bharat

Anant Raj Cloud Pvt. Ltd.

Wholly owned subsidiary of Anant Raj Limited

www.anantrajcloud.com

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