



Data Center Services Portfolio

Great Place To Work[®]
Certified
APR 2021-MAR 2022
INDIA



Colocation | Operator | Advisory

Certifications



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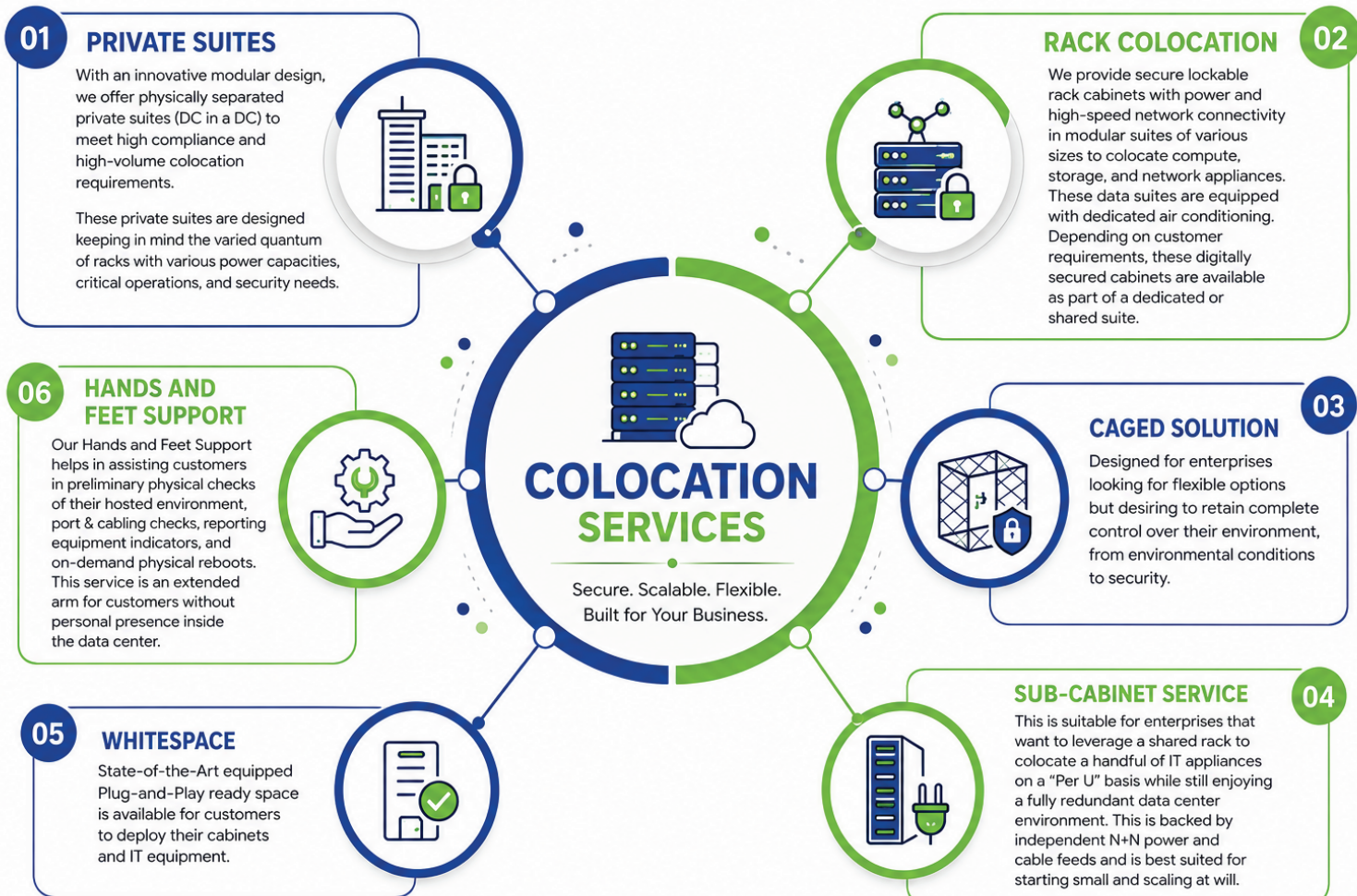
Data Center Services Portfolio

Partnering for Mission Critical IT Deployment

Pi DATA CENTERS® have been an expert in providing data center services for the last eight years. We have designed, built, and operated India's first Greenfield Uptime TIER IV Certified Data Center. With profound global expertise, Pi is Headquartered in Hyderabad, India, and has dedicated teams of professionals for data center Advisory.

Furthermore, we provide a trusted global platform and are an end-to-end data center operator for large enterprises and other data center owners. We provide a one-stop solution for all kinds of data center requirements for Corporations & Hyperscalers. Pi distinguishes itself by optimizing resources to minimize cost and deliver the best upshots, including seamless connections and world-class experiences. Our certifications include Uptime TIER IV, MeitY, STQC, SOC 2 Type II, PCI DSS, HIPAA, and ISO 22301:2012, ISO 27001:2013, ISO 20000-1:2011, ISO 140001:2015, and ISO 9001:2015. Being SAP Certified in Infrastructure Operations drives confidence in enterprises to partner with us for their Digital Transformation journey.

Colocation Services





Data Center Services Portfolio

Operator

Pi DATA CENTERS® has extensive operating experience with large to medium-sized data centers for enterprises and governments. Our data center operation comprises systems and workflows within a data center that keep it running. It includes installing and maintaining network resources, ensuring data center security, and monitoring systems for power and cooling. The IT requirements of companies that own data centers define many types of data centers. varying in size, reliability, and redundancy.

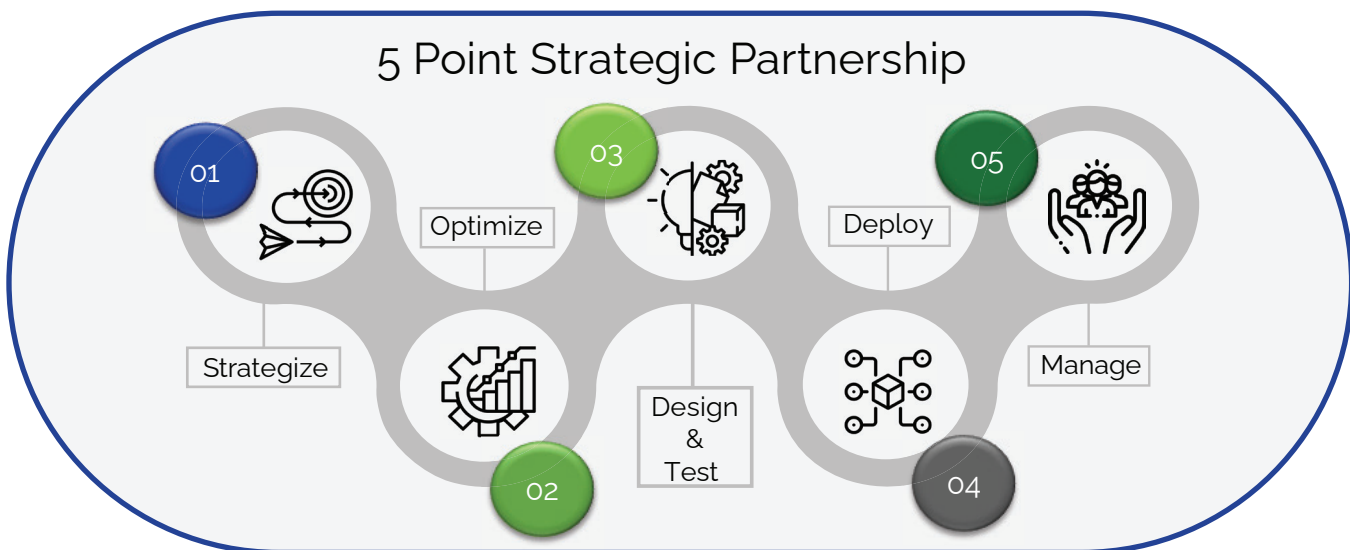
The growth of cloud computing is pushing data centers to modernize, including with updated operations that take advantage of virtualization and automation. As time-tested and industry-weighted data center operators, we bring in the expertise & in-depth knowledge to put all the dots together and bridge the gaps as your trusted partner to operate your data center.

Advisory

It is imperative to get the right advice when building your data center, right from the conceptualization phase—from selecting land or a location to sizing the data center's capacity to suit your current and prospective prerequisites. Our proficient team can comprehend your requirements and prepare a thorough assessment and its associated estimated cost. Sizing the data center is a critical factor in controlling your expenses. Understanding the requirements and appropriate advice on sizing for power, cooling, and other electrical & mechanical components is a must. Further detailing includes estimating the Construction Area, Compartmentalization, among others, and Load-bearing Capacity.

Key Element Driving Location Selection

- Seismic Zone Category
- History of Natural Calamities
- Power
- Fiber Connectivity
- Water Supply
- Ease of Regulatory Approvals





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Data Center Locations



Uptime Institute Tier IV Certified (99.995% uptime), Built on 10 acres datacenter campus (1st and only in India)

No of Racks: Upto 5000

Built Up Area: 5,00,000 sq. ft.

Power Capacity: Upto 60 MW ((Scalable up to 100 MW) dedicated in campus substation), through independent routes from dual substations, 2N fault-tolerant modular architecture providing at least 48 hours' power outage protection. All major Indian ISPS inter-connecting with 100Gig each, though redundant routes terminating at dual meet me room.

Rated Power Density per Rack: 6 to 30 kVA

Security Levels: 8 Levels Of Stringent Security Layers

Datacenter connected to the global command center (NOC & SOC) for seamless operation.

Uptime Institute Tier III/ Rated 3 Certified (99.982% uptime)

No of Racks: Up to 500

White Tile Area: 30,000 sq. ft.

Power Capacity: 3 MW through Independent Routes from Dual Substations. N+1 Fault-tolerant Modular Architecture provides at least 48 hours of Power Outage Protection. Heterogeneous Multi-Gig ISP interconnected through dual meet-me rooms (All major ISPs operating in India). Business Continuity Bay Areas for Enterprises for Zero Operational Disruption.

Rated Power Density per Rack: 6 to 30 kVA

Security Levels: 4 Levels of Stringent Security Layers

Datacenter connected to both local and global command centers for seamless operation. **Central Mumbai Presence.** Undersea cable landing station zone.





Data Center Services Portfolio

Uptime Institute Tier III/ Rated 3 Certified (99.982% uptime & Build To Suit)

No of Racks: Up to 400

White Tile Area: 28,000 sq. ft.

Power Capacity: 3 MW through Independent Routes from Dual Substations. N+1 Fault-Tolerant Modular Architecture provides at least 48 hours of Power Outage Protection. Heterogeneous Multi-Gig ISP interconnected through dual meet-me rooms (All major ISPs operating in India). Business Continuity Bay Areas for Enterprises for Zero Operational Disruption.

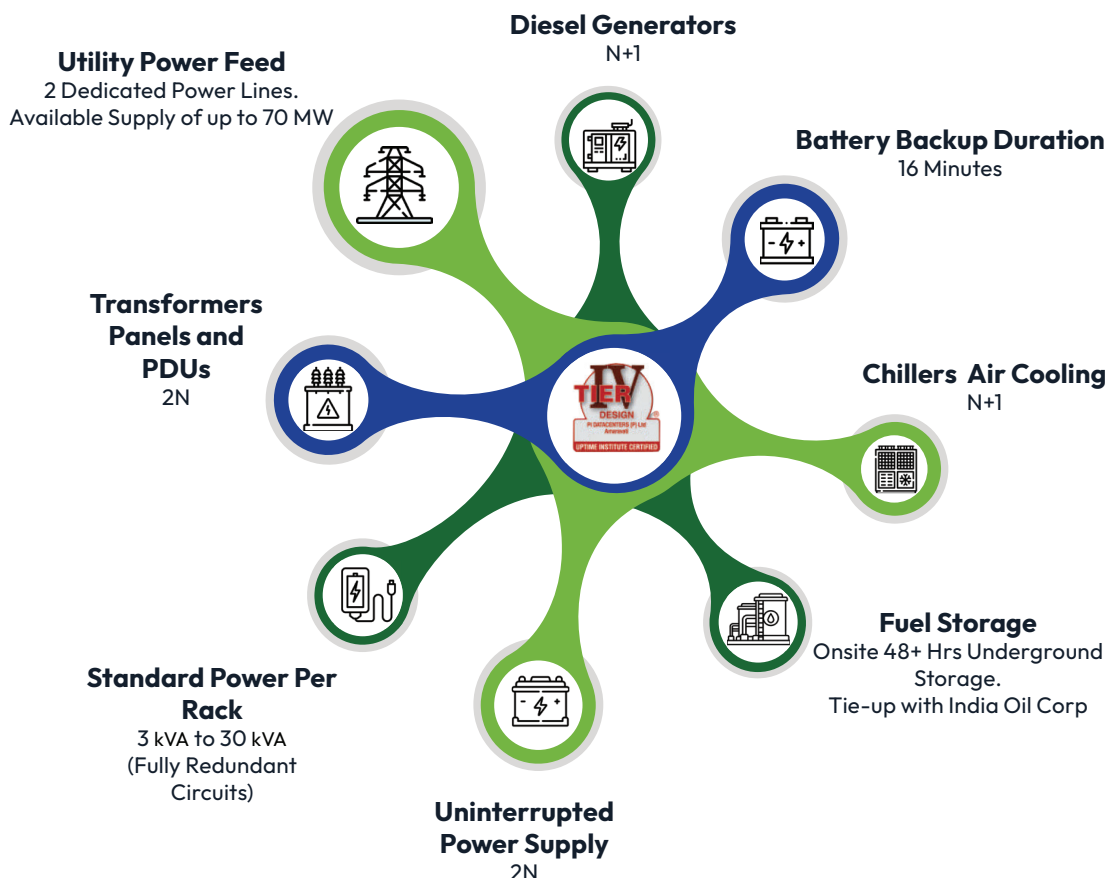
Rated Power Density per Rack: 6 to 30 kVA

Security Levels: 4 Levels of Stringent Security Layers

Datacenter connected to both local and global command centers for seamless operation.



Data Center Infrastructure



Data Center Services Portfolio

Design Considerations



Benefits of Our Data Center Services



Modular Architecture: Modular Private Data Suites with custom rack capacity and flexibility for future scaling. Each suite can be dedicated or be a multi-tenant environment in itself.

SCADA/DCIM: Can enable a 100% automated SCADA/DCIM facility wherein all electrical, mechanical, HVAC, fire safety, security, and surveillance equipment would be monitored live and could be controlled instantly with a click of a button from an in-house Global Command Center.

Uncompromised Security: Multi level stringent security from the main entrance to the data racks. All Data suites and NOCs are to be facilitated with biometric/physical key access and monitored and managed through the global industry standard IBMS.

Dedicated NOCs: We can create Exclusive Customer-NOCs for Enterprises to manage their network, systems, applications, and security in a private and secured environment.

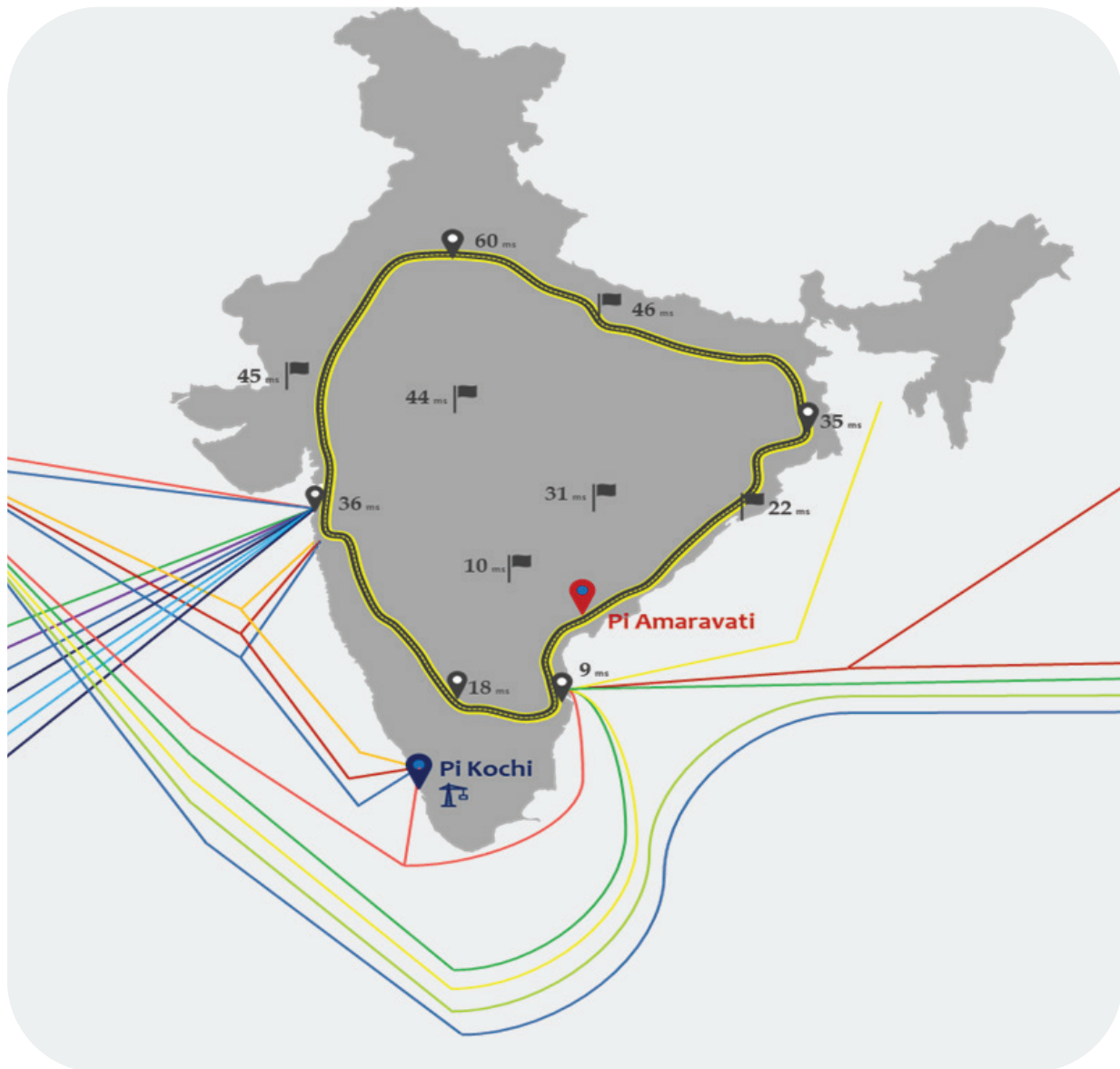
Rapid Deployment: With Plug-and-Play design & deployment methodology, we have proven expertise in enabling data centers with private suites where customers can collocate their IT infrastructure in a matter of days compared to months at traditional data centers.

Low Total Cost of Ownership: Innovative data center design, better PUE, low power cost, and a flexible business model translate to significant cost savings for our customers.



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Ultra Low Latency to Major Indian Cities



ISP of Choice



Redundant fiber routes to DC



Better Connectivity



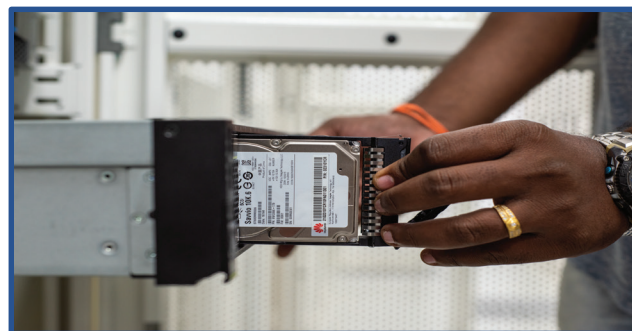
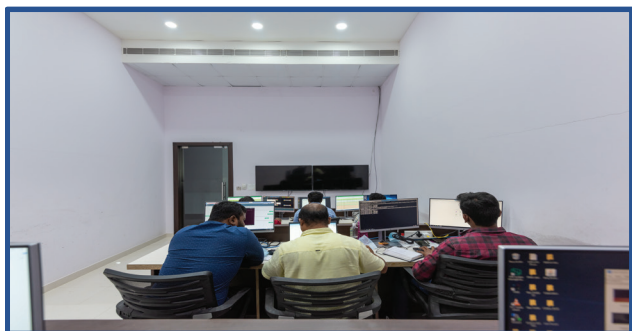
Bandwidth: Scalable to Petabytes



Internet Exchange

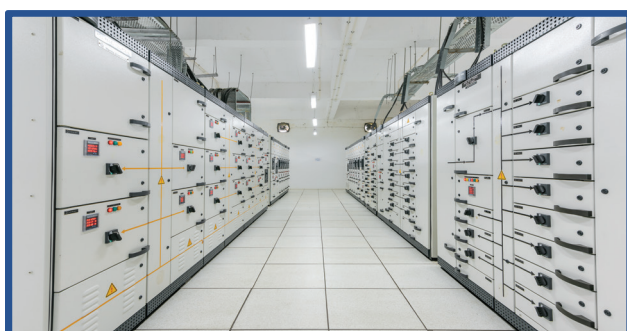
Data Center Services Portfolio

Real Time Data Center Pictures



Data Center Services Portfolio

Real Time Data Center Pictures



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Infrastructure & Technology Partners





Data Center Services Portfolio

About Us

Pi Data Centers® is a story envisioned by technocrats, led by its Founder & CEO, Mr. Kalyan Muppaneni. The vision was to redefine the customer experience while fuelling the customer's business growth. This was backed by the mission to introduce Hyperscale data centers & indigenous enterprise cloud to the Indian industry with intelligent and self-healing infrastructure.

The cumulative capacity is of 590,000 sq ft of built-up area and 70 MW of power scalable up to 120 MW, including a dedicated in-house substation. Pi is by far India's first Greenfield and the world's 4th largest Uptime Institute TIER IV Certified Datacenter, along with being the leading Indian Cloud Service Provider for Private Cloud, Multi-Cloud, AI & Managed Services. Pi is headquartered at Amaravati (Vijayawada, Andhra Pradesh) with its corporate office at Hyderabad (Telangana, India). Pi operates out of its data centers and cloud points of presence across Amaravati (AP), Mumbai, Hyderabad and Kochi.

The objective is to differentiate with high-quality and high-performance data center, Cloud, and AI services that are scalable and run on reliable multi-cloud ecosystems, along with an extensive managed services overlay portfolio. All of these while maintaining optimal TCO in supporting businesses for Indian and global enterprises operating in India.

Pi is certified for Oracle, AWS, Azure, and GCP workloads under its managed public cloud services. Pi has been extensively catering to the industry for hosting SAP/Custom ERP infrastructure on its private cloud ecosystem. This enables digital transformation across enterprises for the smooth and secure operation of business-critical processes.

Pi also brings in a pivotal framework at the intersection of AI and Cloud Computing. It represents a paradigm shift in the world of digital technology. In the high-end computing and advanced technology industry, picloud.ai is in charge of transforming possibilities. We simplify the complex and reshape the computing landscape through integrated, high-performance infrastructure.

India Offices: Vijayawada | Mumbai | Hyderabad | Kochi | Delhi | Bangalore | Chennai | Pune

Certifications



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