

The logo features a stylized 'A' with circuit-like lines extending from its top and left sides. To the right of the 'A' is the word 'POWERED' in a vertical orientation, followed by 'DATA CENTRE' in a larger font, and 'CONFERENCE' below it.

AI POWERED DATA CENTRE CONFERENCE

Strategies to enhance business scalability and operational efficiency of AI Powered Data Centres

COMING SOON

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Overview

The Indian data centre market is rapidly growing, and it is expected to reach a market size of \$10.6 billion by 2030, growing at a CAGR of 12.4%. The demand for data Centre infrastructure is primarily driven by the growth of cloud computing, big data, and the internet of things (IoT).

The Indian government's push toward digitalization has also played a significant role in the growth of data

Centres in the country. Initiatives like Digital India, Make in India, and Smart Cities have led to an increase in the adoption of technology and the need for robust data Centre infrastructure.

The government of India has launched several initiatives to promote the growth of the data Centre industry, including the National Data Centre Policy and the Data Centre Incentivization Scheme.



Major global data Centre companies have announced plans to expand their presence in India in recent years:



Reliance Industries is planning to build a gigawatt-scale artificial intelligence (AI) data centre in Jamnagar, in the Indian state of Gujarat.



Aurum Equity Partners announced an investment of US \$400 million in phases to build a Next-Generation, AI-Powered, Green Data Centre.



Yotta runs six AI enabled data centres in four Indian cities, with a new centre opening soon in Northeast India .



Microsoft is investing \$3.7 billion for the construction of data centres in Telangana in South India.



Rustomjee plans to build data centres in Thane across 5 million square feet to ride the artificial intelligence boom.



Amazon plans to invest about \$12.7 billion in cloud infrastructure in India by 2030.



Growth story

“ The growth story of the Pan India region all set to dominate data centre market share globally with 950 megawatts installed capacity and a likely addition of another 850 megawatts by 2026. ”

India is topping the chart as preferred destination leaving behind global hubs like Singapore, Australia, South Korea, Japan and Hong Kong. India is likely to dominate the data centre market share attracting US based giants and European tech conglomerates.

The Indian government through its IndiaAI mission is addressing AI skill gaps and investing USD 1.24 billion in IndiaAI datasets platform.

Indian Inc has to gear up to address complexity in AI Integration and Management replacing traditional based infrastructure.

IT leaders should adopt energy-efficient hardware solutions optimised for AI addressing challenges associated with data centre cooling and energy consumption.

Integrating AI into data centre operations requires sophisticated infrastructure, expertise, and coordination between AI systems and traditional IT architecture that India is lacking in experience in dealing with AI.

Handling massive amounts of sensitive data, and securing this data is a top priority addressing data privacy, cybersecurity threats, and regulatory compliance in AI-enabled environments.

It is very vital to reduce operational costs while addressing sustainability concerns.





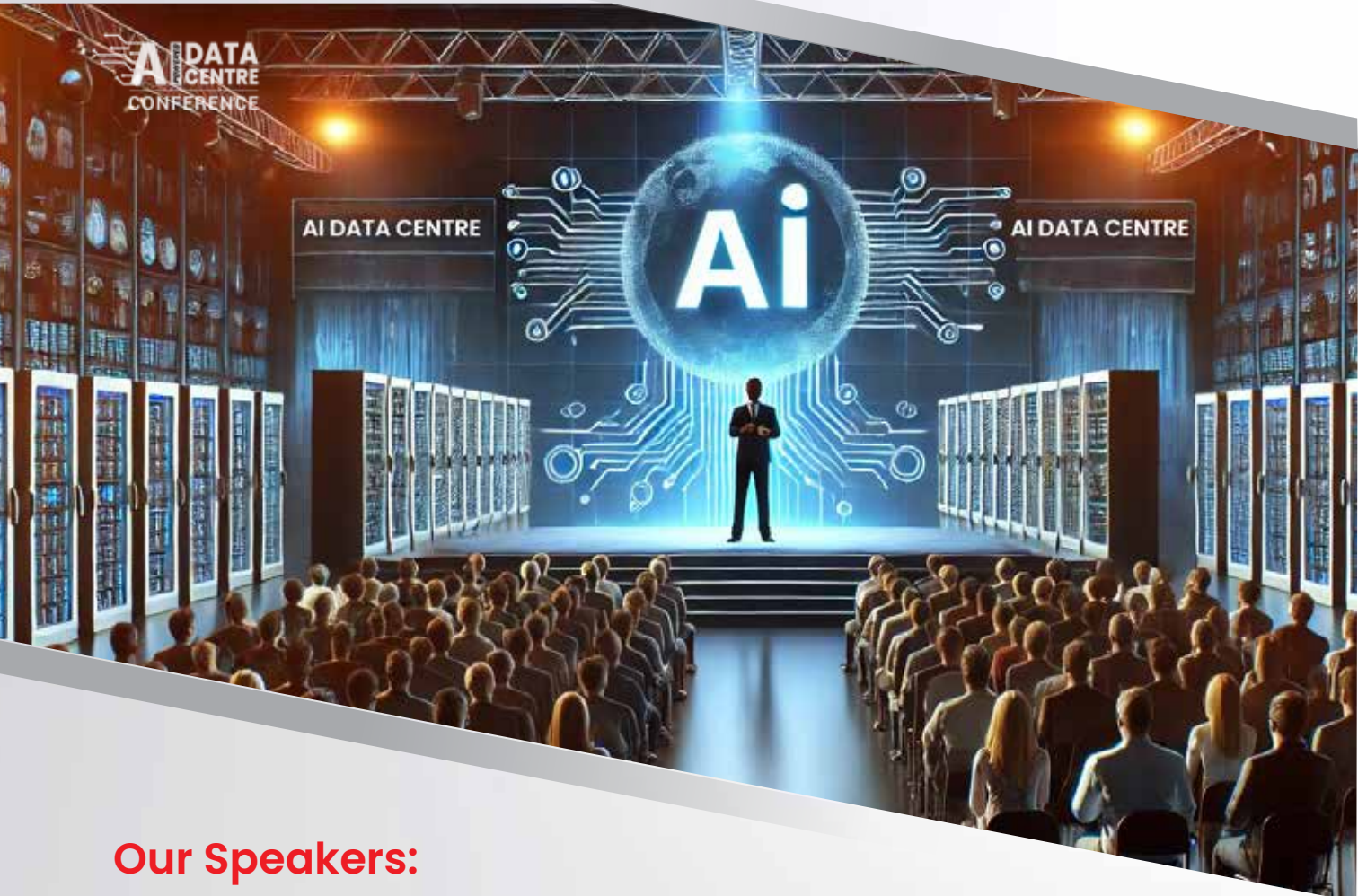
DATABASE



This conference will focus on enhancing business scalability and operational efficiency of AI powered data centres. You will be able to reinvent your IT infrastructure to harness the AI enabled data centre boom. A broad range of topics will be covered dealing with current challenges to do with affordability, sustainability and reliability.

Topics discussed would include:

- Future Data centres - transforming and innovating data centres for a digital future
- How AI is transforming data centre operations through automation, predictive maintenance, resource allocation, and energy optimization
- Future role of digital twinning and AR/VR technologies to optimise the functioning and maintenance of the data centre
- Discussing difference between traditional data centres and AI powered data centres and why India must adopt AI enabled data centres
- How AI and ML can optimise energy usage and improvised operational efficiency enabling predictive maintenance
- Categorising OPEX and CAPEX of AI enabled data centres and strategies to control the cost and enhancing return on investment
- Formulating an internal legal compliance and regulatory framework to navigate data centre through complex terrain of operational integrity
- Designing a green, eco-friendly and energy efficient AI powered data centres to lower down higher energy consumption
- Identifying loopholes, hardware backdoors, cyber breaches in data centre and how CIO and CISO can collaborate to build a zero-trust data centre
- How co-location and co-sharing is shaping the future of IT infrastructure and AI powered data centres
- Looking at hybrid cloud models that combine on-premises data centres with cloud and edge computing



Our Speakers:



Abhijit Shah
CTO, Nippon Life India Asset Management Limited



Kunal Dhingra
CTO, RBL Bank



Manav Bakshi
Sr. Vice President, ANZ Bank



Melwyn Rebeiro
Director-Head IT GRC, Julius Baer



Nagarajan Krishnan
Head- IT Operations (Infrastructure), Nayara Energy Ltd.



Neil Mani Sahu
Head IT, JSW Paints



Dr. N. Rajendran
Chief Digital Officer, Multi Commodity Exchange of India



Pankaj Kumar Pandey
Chief Information Officer, SBI General Insurance Company



Prianshu Khandwala
Head – Information Security, Sun Pharmaceutical Industries Ltd



Rajgopal Nayak
Chief Technology Officer Metro Brands Ltd.



Rohit Kilam
Chief Technology Officer, HDFC Life



Dr. Sayed Peerzade
Executive Vice President, Cloud at Jio Platforms Ltd.



Vamsi Krishna Ithamraju
Chief Technology Officer, Axis Asset Management

Previous Conferences

CONSTRUCTION TECHNOLOGY SUMMIT | 30th August 2024 at Sahara Star, Mumbai



7th SMART URBANATION SUMMIT | 26th August, 2022 at Sahara Star, Mumbai.



The logo features the word 'AI' in a large, stylized font with circuit-like lines extending from the 'A'. To the right, the words 'POWERED DATA CENTRE' are stacked vertically in a bold, sans-serif font. Below this, the word 'CONFERENCE' is written in a larger, bold, sans-serif font.

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