



## Edge Data Center Network will be the future of IT

The rapid increase in dependence on the Internet of Things or IoT machines operating through the Internet and Artificial Intelligence has completely changed the traditional nature of the IT industry. With the increase in the efficiency of IT, the data considered precious has become priceless. With the increase in its demand, its delivery speed is also increasing continuously. Our approach of preferring central servers for data storage and processing has also improved based on changing needs and past experiences.

- **EDCs make devices more trustworthy**
- **EDCs make data management easy**
- **EDCs reduce the gap of infrastructure**
- **High performance with Less consumption**

## EDCs make devices more trustworthy

Today leading business houses and companies prefer to store and process their data as close as possible to the user for better and faster delivery of services and expansions also. For this, they rely on Edge Data Centers. Where the data and commands coming from IoT machines, executed from the nearest server of

the network through edge computing. Being closer to the user, the data has to travel less distance which results in faster completion of the whole process, lower latency and better output of the IoT device. The user gets the desired result, which increases the trust in the device.



## EDCs make data management easy

With the expansion of services, the dependence on IT is increasing in various sectors. Local markets are rapidly evolving and the demand for Edge computing networks is increasing in every region. Apart from this, the Edge network is also being relied upon to reduce the load on the hyperscale DC facilities which are already running under extreme pressure.

## EDCs reduce the gap in infrastructure

With the expansion and use of the internet in the remote areas, a big gap is being felt in accessing the data. Services that are delivered through the Internet are limited in urban areas but in rural areas seamless operations are yet to come. While traveling through the highway at the toll plaza many times Fastag does not work seamlessly which has a very small amount of data to process. Apart from this, despite having network shows on our devices, it often takes a long time to access the data. Such latency issues came due to the lack of infrastructure and Edge data centers are the only solution to this problem. In the coming future not only phones but

every aspect of life like schools, banks, offices, markets, post offices, police stations, hospitals will be run by smart systems. Human interventions will be reduced exponentially and such systems will have a legal right to communicate. Such smart systems can only be possible with edge data centers.

With the expansion of IT and electronics, the demand for data in rural areas has increased by 400 percent in recent years. Due to this, fast-speed internet and IT based services are expanding rapidly. By 2028, the need for more than 6 lakh edge data centers is estimated in the country.

With the expansion of IT and electronics, the demand for data in rural areas has increased by 400 percent in recent years. Due to this, fast speed internet and IT based services are expanding rapidly. By 2028, the need for more than 6 lakh edge data centers is estimated in the country.

## High performance with Less consumption

Another aspect is the environmental impact. Due to the power demand of hyperscale data centers and their huge carbon footprint it is not environmental to rely on that only and it makes EDCs Much more significant.



VueNow is building a network of edge data centers to fill this gap in data supply between metros, small cities, towns and villages. Our plan is to build 1.46 lakh data centers by 2028 and we are moving fast on the correct path. We are working on a reliable network of Edge data centers in collaboration with local governments in UP, Bihar, Goa, Himachal, Chhattisgarh and Maharashtra. Our network will have small but highly efficient data centers of 4, 6 and 8 racks as per the requirement. Will do data processing very efficiently despite consuming 40 percent less power. The most important is whenever needed, they can be expanded in a very short time and it will be very easy to shift them to a new location also.

EDCs will soon be at the center of IT services and all future IT needs will be at their proximity. Overall, edge data centers will be the superhighway through which data traveling will improve and users will be able to have real time experience of accessing data without interruption.

## Will UP be developed as a Data Center Hub of the future!

Will this be a reality or prove just an eyewash? How is the state leading towards the data center hub of the future? A glimpse was seen in the UP Global Investor Summit 2023 held last February where the data center sector was the center of attraction.

At a panel discussion with the industry leaders held during the summit Union Electronics and IT Minister Rajeev Chandrasekhar described India as the vanguard of the technology revolution. He also described Uttar Pradesh as the data center hub and the world's leading data center park in the future. UP cabinet minister for IT, Yogendra Upadhyay said that for the mission of Digital India, we are ready for investment in this sector to reform, transform and perform.

Major Industry leaders like HCL, SIFY and Ernst & Young were among the participants in the event with full spirit. All of them welcomed the state's policies for the sector. An official of a data center company said that there is a very huge gap between demand and supply in the sector. Uttar Pradesh generates 20% of the country's total data but currently has only 2% storage capacity. Therefore, there is a lot of scope for data centers in the state.



On the occasion, Sukhwinder Singh, CEO and founder of VueNow group, welcomed the latest policy amendment and said that it has created a positive environment for the industry, especially for data centres. Breaking the general perception of red-tapism, cooperative atmosphere has been created and to work with the state government became easy. He called Chief Minister Yogi Adityanath as Mr. Myth Buster. Singh who played very actively in this amendment that will make better ground for IT Infrastructure in the state, further said that VueNow group is developing a distributed computer network through 750 Edge data centers throughout the state. With an investment of 13,500 Cr. Work is progressing rapidly and all will be functional in the next 4 years with a capacity of 4 -8 racks, consuming 40 per cent less power with high efficiency.

Talking to the media, Special Secretary, Electronics & Information Technology, UP Govt., Kumar Vineet said that we are working to build new IT parks in Varanasi, Bareilly and Gorakhpur and have decided to include Tier 1 and Tier 2 cities as well in the data center network. Talking about the new amendment in the policy, he further said that one of the major benefits of the DC policy is the provision of land at a concessional rate for setting up data centres. This makes it easy to set up and operate DCs in the state. Additionally, the policy also provides exemptions in

registration fee, electricity charges and other exemptions, which further reduce the cost of business. Under the new amendment, all such incentives are extended to Edge Data Centers (EDC), provided a minimum of 25 EDCs are proposed in a proposal. Another important advantage is the availability of uninterrupted power and water supply as it is classified as Mission Critical Infrastructure under the new amendment. This is important for data center operations to minimize downtime that causes significant losses.

# Be ready to witness VueNow's expertise & commitment to innovation at Convergence India Expo 2023



**27-29 MARCH**  
2023  
Pragati Maidan, New Delhi

Convergence India Expo, a prestigious forum for display of IT, Telecom & technological development, is going to be held by the end of this month. As part of its journey to transformation, VueNow is ready to be a partner at the Expo. The event is set to take place March 27–29 at New Delhi's Pragati Maidan Exposition Complex.

VueNow's participation in the event is aimed at showcasing its latest edge data center solutions, which are designed to meet the growing demand for high-performance computing and storage capabilities in India. The company's solutions are known for their reliability, scalability, and security and are designed to enable businesses of all sizes to leverage the benefits of edge computing.

VueNow's edge data center solutions offer a range of benefits for businesses, including lower latency, improved performance, and increased security. The company's solutions are designed to support a wide range of use cases, from IoT and machine learning to video streaming and e-commerce.



In addition to showcasing its latest solutions at the event, VueNow's CEO Mr. Sukhwinder Singh Kharour will also participate in panel discussions and keynote sessions. These sessions will cover a range of topics related to IT industry and technology innovation.

We are excited to participate in these panel discussions and to share our expertise in edge computing with the broader community, said Sukhwinder Singh Kharour. We believe that edge computing has the potential to transform the way businesses operate in India, and we are committed to helping our customers realize the full potential of this technology.

Overall, VueNow's participation in Convergence India Expo 2023 underscores the growing importance of edge computing in India and the company's commitment to helping businesses leverage the benefits of this technology. With its innovative solutions and deep expertise in edge computing, VueNow is well-positioned to help businesses of all sizes thrive in the rapidly evolving digital landscape.



# VueNow


## CONNECT



 +91 8729 082 229

 +91-120-6870800

 [contact@vuenowonline.com](mailto:contact@vuenowonline.com)

 816, 8th Floor, iThum Tower A  
Sector 62, Noida, UP, India 201301

[www.vuenowonline.com](http://www.vuenowonline.com)