

News Release

IIJ to Begin Operating the System Module Building at Matsue Data Center Park

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TOKYO – June 20, 2025 - Internet Initiative Japan Inc. (TSE Prime: 3774), one of Japan's leading Internet access and comprehensive network solutions providers, today announced that IIJ will begin operating the System Module Building in June 2025(*1). The System Module Building has been under construction since February 2024, and it is part of Matsue Data Center Park (hereinafter, Matsue DCP), a data center operated by IIJ in the city of Matsue, Shimane Prefecture since April 2011.

The System Module Building, with a floor area of approximately 2,000 m² and a capacity of 300 racks, will be utilized to house equipment for in-house services, demand for which is growing as a result of corporate digital transformation efforts and the increasing adoption of AI. Additionally, Matsue DCP will help to reinforce local network infrastructure by serving as a core data center for local digital platforms required by the Digital Garden City Nation vision.

Furthermore, as a partner of the City of Matsue, Shimane Prefecture in the Decarbonization Leading Areas initiatives promoted by the Ministry of the Environment, IIJ will share its data center battery storage with the community as part of the local power grid in the event of a natural disaster.

*1 The System Module Building has been selected by the Ministry of Internal Affairs and Communications to receive funding under the Project to Reinforce Digital Infrastructure Through Decentralization of Data Centers and Undersea Cables as part of the 2021 supplementary budget.

Overview of the Matsue DCP System Module Building

Overview of System Module Building facilities

	Site 1		Site 2
	Existing	System Module Building	
Opening date (starting operation)	April 2011	June 2025	November 2013
Site area	16,000 m ²		
Floor area	Approx. 1,000 m ²	Approx. 2,000 m²	Approx. 1,500 m ²
Capacity	Approx. 100 racks	Approx. 300 racks	Approx. 300 racks
Air conditioning method	Direct outside air cooling system		
Power equipment	Three-phase, three-wire UPS	Three-phase, four-wire UPS	Three-phase, four-wire UPS
Maximum power supply	Total for both sites: 4,000 kVA		

Main features of the System Module Building

- Continuous energy-saving operation
 The air conditioning system includes a direct outside air cooling system that utilizes outside air to reduce power consumption and wall-mounted blowers that transport conditioned air more efficiently. A three-

phase, four-wire UPS has also been adopted for electrical equipment in order to reduce power losses, and the System Module Building has received a quantitative energy-saving evaluation score (PUE (*2): power usage effectiveness) of PUE 1.2, the highest level in the industry. Going forward, the building will be continuously operated in an energy-saving manner in order to enhance the value of our services and contribute to the achievement of a sustainable society.

*2 PUE stands for Power Usage Effectiveness. It is a metric that indicates the energy efficiency of a data center.

- Promotion of carbon-neutral initiatives

At Matsue DCP, IJ is actively promoting the use of renewable energy with the aim of making the data center a model case for carbon-neutral initiatives. In February 2022, substantial use of electricity began from renewable sources (*3), and in March 2023, an on-site solar power generation facility was installed (*4). IJ plans to install a solar power system for the System Module Building during FY2026, and in the future it will take even further measures toward carbon neutrality, including the procurement of power from off-site power generation facilities and the export of surplus power generated by the data center and stored in batteries to the local power grid.

*3 <https://www.ij.ad.jp/en/news/pressrelease/2022/0204.html>

*4 <https://www.ij.ad.jp/en/news/pressrelease/2023/0301-2.html>

System Module Building – Exterior Photo



IJ's efforts for the Decarbonization Leading Area – Overview (Storage Batteries)

The City of Matsue, Shimane Prefecture aims to become carbon neutral (producing effectively zero greenhouse gas emissions) by 2050 and has been selected as a Decarbonization Leading Area by the Ministry of the Environment due to the leadership it has demonstrated in reducing greenhouse gas emissions. IJ is participating in this project as a proposer and will use the funding provided by this initiative to install lithium-ion storage batteries at Matsue DCP. These storage batteries will be used to supply power to the community as required in the event of a natural disaster or other emergency, thereby improving the disaster preparedness and resilience of the community. Furthermore, IJ will promote advanced initiatives as a role model for cooperation between local governments and data centers in accordance with the government's policy for the local development of digital infrastructure (*5), which includes participation in virtual power plants (VPPs) that receive compensation for complying with requests to reduce power usage.

Additionally, in accordance with the government's "watt-bit integration" policy(*6), which was proposed in February 2025 and effectively integrates electrical power with telecommunications infrastructure, IJ will further accelerate its efforts as a grid-interactive data center that is organically linked to the community and the power grid in order to optimize power costs and contribute to power grid stability, with the aim of working together with the community to achieve a sustainable society.

*5 The Digital Garden City Nation Infrastructure Development Plan (Revised Version) and Interim Report 2.0 of the Expert Group on Digital Infrastructure (Data Centers, Etc.), which were compiled by the Ministry of Internal Affairs and Communications (MIC) and the Ministry of Economy, Trade and Industry (METI), propose that data center development should be decentralized outside of Japan's three major metropolitan areas and should make efficient use of renewable energy.

*6 This policy involves strategies for integrating power infrastructure with telecommunications infrastructure.

➤ For more information on IJ data centers, please visit our website: <https://www.ij.ad.jp/en/datacenter/>

About IJ

Founded in 1992, IJ is one of Japan's leading Internet-access and comprehensive network solutions providers. IJ and its group companies provide total network solutions that mainly cater to high-end corporate customers. IJ's services include high-quality Internet connectivity services, systems integration, cloud computing services, security services and mobile services. Moreover, IJ has built one of the largest Internet backbone networks in Japan that is connected to the United States, the United Kingdom and Asia. IJ was listed on the Prime Market of the Tokyo Stock Exchange in 2022. For more information about IJ, visit the official website: <https://www.ij.ad.jp/en/>.

The statements within this release contain forward-looking statements about our future plans that involve risk and uncertainty. These statements may differ materially from actual future events or results.

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