

*For Immediate Release*

## **IIJ Launches edge data center solution “DX edge”**

*-- Micro data center to provide edge computing infrastructure from installation to operation --*

TOKYO—November 24, 2021—Internet Initiative Japan Inc. (TSE1: 3774), one of Japan’s leading Internet-access and comprehensive network solutions providers, signed a partnership agreement with Zella DC, an Australian micro data centers (MDC) manufacturer, and launched “DX edge,” an edge data center solution today. DX edge is a value-added service based on Zella DC’s MDC products. IIJ demonstrated the technical verification for MDC, remote monitoring, and operations at IIJ’s Shiroy Data Center Campus(\*).

DX edge provides an all-in-one solution covering all items from installation to the operation and maintenance for MDC. As a result, our customers can quickly deploy an edge computing platform and an on-site digital/IT platform with efficient operation.

\* See Press release dated October 4, 2021: IIJ to Implement Micro Data Center for Edge Computing Platform Demonstration at Its Shiroy Data Center Campus

<https://www.ij.ad.jp/en/news/pressrelease/2021/1004.html>

MDC comes equipped with the functions that a data center needs—including a cooling unit, an uninterruptible power supply (UPS), and physical security, though it is small (approximately 1 to 2 meters tall). In addition, it has waterproof/dustproof performance and sound insulation so that it can be deployed anywhere both indoors and outdoors. For instance, an MDC can be installed physically close to IoT devices. It works as an edge computing platform for factory automation (FA) or other applications that require low latency, processing of big data, or a high level of security. MDC is also suitable for small on-premise server rooms at customer sites. Another use cases is the application of MEC (multi-access edge computing) and 5G technology for telemedicine and autonomous driving, which needs real-time performance and ultra-low latency.

By adding the MDC to IIJ’s data center product line, with the existing modular-type data center “IZmo series,” IIJ expands its lineup to meet any need for an edge platform to the cloud. IIJ can provide appropriate data center services and solutions according to customers’ needs.

For use indoors, there is the “Zella Pro,” and for outdoors, there is the “Zella Hut” in the MDC lineup, which consists of models 12U, 25U, and 38U. IIJ advises customers on designing MDC configurations in line with their needs and provides installation work. The lead time is about two months at the shortest. Additionally, IIJ provides remote operation and maintenance, including troubleshooting, security notifications, etc. (\*) IIJ can provide the edge computing that comes with its IoT and network services based on customer requirements.

\*remote Operation and Maintenance is available only in Japan domestic. IIJ’s partner will provide similar services.

The features of this solution:

- Scalability

The MDC has the functions required for a data center in a compact box and without dedicated server rooms.

Therefore, it is possible to start small quickly and expand on demand. It is also possible to connect multiple units as a module.

• Easy operation and high cost-efficiency

Multiple sites and multiple MDCs can be centrally operated and maintained remotely. In case of any component failures, IIJ provides send-back maintenance, and users can replace plug-and-play components. It makes for ease of operation. In addition, it saves power (PUE = 1.2) since it is not necessary to cool the entire server room and has more than a ten year life expectancy. The installation and operation costs are lower than those of the traditional server room. As a result, it leads to lower TCO.

Pricing By individual estimate

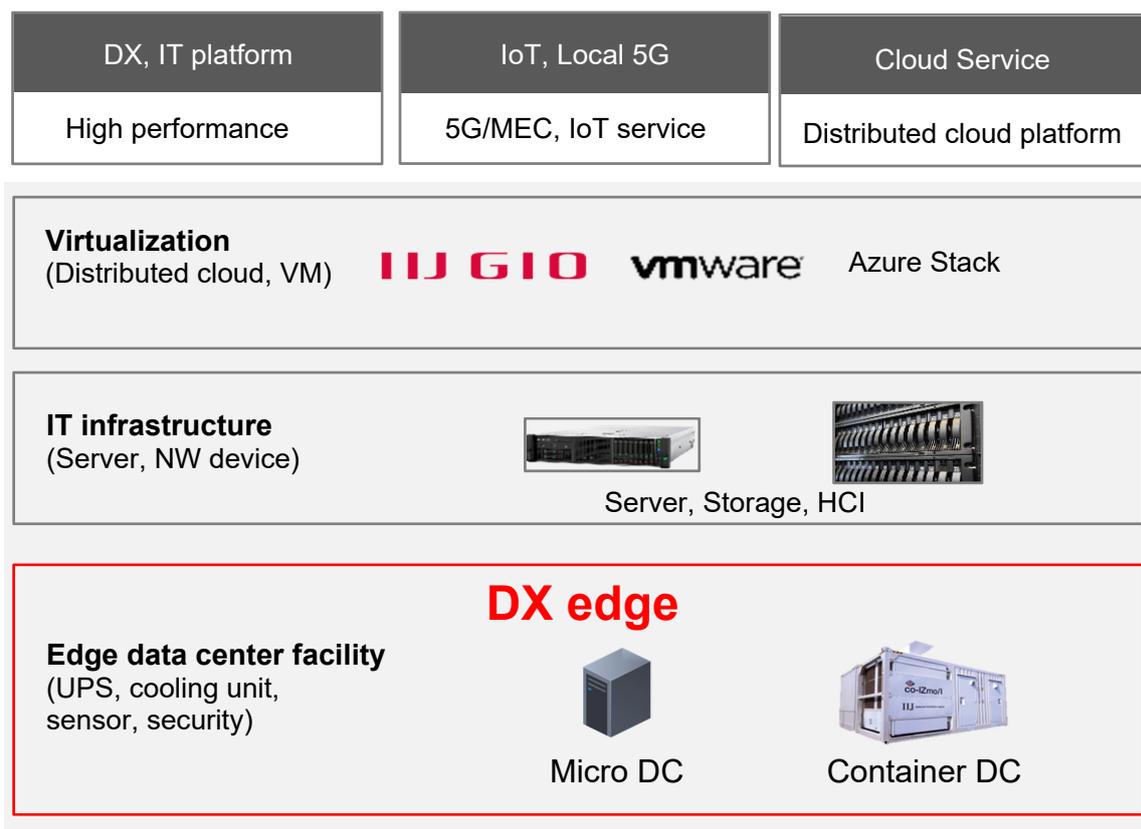
Start date November 24, 2021

Main specification of MDC

	12U model	25U model	38U model
standard size (L×W×H)	1100×685×1000 mm	1100×685×1685 mm	1100×685×2275 mm
Weight	90kg	225kg	308kg
Main feature	<ul style="list-style-type: none"> <li>• IP65 dustproof/waterproof performance, quietness (50 dB or less)</li> <li>• Physical security (electronic lock (remote control), door sensor, webcam)</li> <li>• Environmental sensors (temperature, water leakage, fire detection), etc.</li> </ul>		

\*some features are options.

Scheme of edge computing:



With the Digital Transformation (DX) and 5G/IoT, the user puts computing resources in suitable locations. Edge computing becomes more important as well as the cloud. MDC is not only for a server room but also as a platform for distributed cloud, local 5G, and IoT edge computing.

➤ Visit the following website for more details:

<https://www.iij.ad.jp/en/biz/dx-edge/>

IIJ plans to launch edge solutions combination with IIJ services and partner services as next step.

### **About Zella DC**

Zella DC is a next-generation data centre provider disrupting traditional server rooms and enabling the Edge, based in Perth, Australia. Their micro data centre is more cost-effective and significantly more flexible - it's a game-changer. As a specialist global micro data centre manufacturer established in 2010, they have been enabling the Edge with three key considerations, efficient, robust, and intelligent. Over a decade ago, Zella DC pioneered the micro data centre. Since then, they have been proven to work in the harshest environments on earth. The result is a vendor-agnostic approach to software, hardware manufactured to global standards, and clients and partners across six continents. They have targeted organisations that will need to process data at the Edge of the network. Their typical clients are hot and dusty mining sites, telecom, shipbuilder, government, health, and other enterprises. Zella DC is the time-proven micro data centre solution for edge deployment.

For more information on Zella DC, see <https://www.zelladc.com/> .

### **About IIJ**

Founded in 1992, IIJ is one of Japan's leading Internet-access and comprehensive network solutions providers. IIJ and its group companies provide total network solutions that mainly cater to high-end corporate customers. IIJ's services include high-quality Internet connectivity services, systems integration, cloud computing services, security services and mobile services. Moreover, IIJ has built one of the largest Internet backbone networks in Japan that is connected to the United States, the United Kingdom and Asia. IIJ was listed on the First Section of the Tokyo Stock Exchange in 2006. For more information about IIJ, visit the IIJ Web site at <https://www.iij.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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