

For Immediate Release

IIJ to Build Scalable and Energy Efficient “Shiroi Data Center Campus”

--Adopting System Module-based Construction and AI for Automation and Efficiency --

TOKYO—February 6, 2018—Internet Initiative Japan Inc. (IIJ, NASDAQ: IIJI, TSE1: 3774), one of Japan's leading Internet access and comprehensive network solutions providers, today announced that it will build its second self-owned data center “Shiroi Data Center Campus”. This data center will accommodate medium- to long-term IIJ IT facility that are expected to vastly grow due to the increase in digital data from cloud computing service and the full-fledged spread of IoT technology.

IIJ provides a wide range of services mainly in the networking, cloud, and security sectors. Its increasing number of servers are handling a growing volume of digital data, and it predicts that many more facilities and servers will be required as IoT continues its solid penetration into the market.

Shiroi Data Center Campus will be constructed in Shiroi-city, Chiba Prefecture, Japan and it is scheduled to begin operations in spring of 2019. With its capacity to receive up to 50 MW of electricity on the site are of approximately 40,000 m², this data center campus can accommodate up to 6,000 racks. IIJ will expand this data center facility on a needs basis by adopting a system module-based (*1) construction method which allows for flexible expansion and short-term construction with low cost.

IIJ will build and operate a reliable, flexible, efficient data center with combining its knowledge of power efficient and facility operation technology together with its operational experiences. IIJ currently operates 21 data center throughout Japan including its’ Matsue Data Center Park which was opened in April 2011 as Japan’s first container module-based commercial data center using outside-air cooling system.

- Features of Shiroi Data Center Campus

- Reduced construction time and building costs and ensured flexible scalability due to the adoption of the system module-based construction method

Standardizing the shapes and layouts of component steel frames and outer walls, which form the constituent elements of the building, allows for a high-quality structure to be built quickly and expanded with flexibility in line with actual demand while lowering construction costs.

- Realize Energy savings using outside-air cooling

With outside-air cooling technology and AI for cooling and energy control, Shiroi Data Center Campus aims for PUE (*2) of less than 1.2.

- Improved facility capacity with AI control and automated data center operations with robotics technology
By cooperating with several equipment manufacturers to provide AI control of operational data for air cooling and electrical facility, servers and other equipment, IIJ plans to improve energy savings and fault detection capabilities of the entire data center. Moreover, the firm will actively endeavor to automate operations, accounting for the potential of using robotics technology in reception, patrolling, monitoring, and other operational tasks.

(*1) This method adopts system architecture construction methods that systematize the overall building production by standardizing the components used in the building's construction. It also offers shorter construction times, cost savings, and flexible scalability, while maintaining quality suitable for structures with large, pillarless open spaces.

(*2) Power Usage Effectiveness. As an index that shows the energy use efficiency of data centers, the smaller the figure, the lower the percentage of power consumed by equipment other than IT devices.

- Image of Shiroi Data Center Campus



IIJ will continue actively working to develop a wide range of innovative technologies for its facilities and operations, so that it can provide high-quality services to its customers.

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 listed on the U.S. NASDAQ Stock Market in 1999 and on the First Section of the Tokyo Stock Exchange in 2006. For more information about IIJ, visit the IIJ Web site at <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. Readers are referred to the documents furnished by Internet Initiative Japan Inc. with the SEC, specifically the most recent reports on Forms 20-F and 6-K, which identify important risk factors that could cause actual results to differ from those contained in the forward-looking statements.

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