BI-WEEKLY

NEWSLETTER

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RSI

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Global News, financial analyses, data center related laws & regulations and further latest updates about technologies transforming the data center industry.

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Mitsubishi Corporation enters the US data center industry

Mitsubishi Corporation is expanding its global data center presence by entering the US data center market for the first time. The company has invested approximately US$800 million in acquiring two fully leased data center developments in Texas, United States.

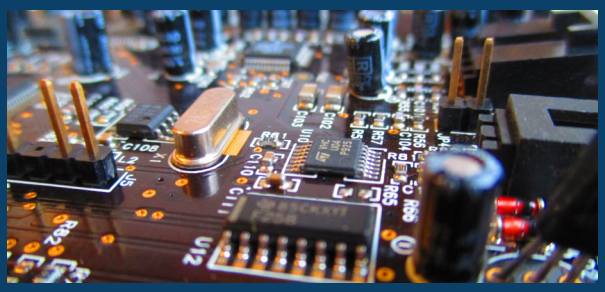
According to their statement, Mitsubishi Corporation will expand their business by leveraging its knowledge and network, which has been involved in the real estate business in Texas for more than 30 years.

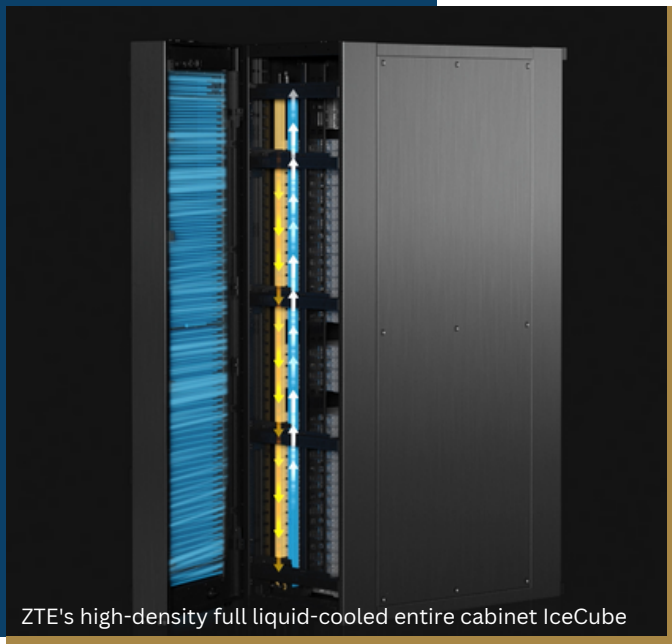
Source : Mitsubishi Corporation, March 4th, 2024

Mass production of 2nm semiconductors in Japan with IBM

Despite Japan's historical dominance in semiconductors, other countries have taken the lead. Currently, Japan's most advanced chip generation is 40-nm, while other global plants are already mass producing 3-nm chips. Rapidus Corporation has been founded with the aim of revitalizing Japan's semiconductor industry in a collaboration with IBM. Their mission is to establish design and manufacturing bases for next-generation chips.

Source : The Government of Japan, March 1st, 2024





ZTE's high-density full liquid-cooled entire cabinet IceCube

ZTE Corporation (China) unveils their high-density full liquid-cooled cabinet

ZTE Corporation, a global leader in information and communication technology solutions, has unveiled the IceCube, a high-density full liquid-cooled cabinet. The cabinet accommodates up to 40 1U servers and has the capacity to handle cooling power of up to 100kW through liquid cooling via the door and cold plate. ZTE's technology can make it very efficient, with a PUE value below 1.1, especially for AI and high-performance computing needs. This cutting-edge solution was introduced at the Mobile World Congress (MWC) 2024 in Barcelona, Spain.

Source : ZTE, February 28th, 2024

Expanding Renewable Energy Supply in High-Impact Markets, Equinix Executes Clean Energy Contract in Australia

After successfully executing Power Purchase Agreements (PPAs) over the past decade in the U.S. and Europe, Equinix, Inc., the world's digital infrastructure company®, has executed a new PPA in Australia.

The announcement signals a broader industry goal of bringing additional clean power to a region where conditions have traditionally been more challenging for executing renewable energy projects.

Source : PR Newswire, Equinix, February 7th, 2024

Digital Realty Boosts AI - ready Data Center Capa - city in Metropolitan Tokyo

Digital Realty, the largest global provider of cloud- and carrier-neutral data center, colocation and interconnection solutions, announ-ced the launch of NRT12, its second data center at the NRT campus in Inzai City, Chiba Prefecture.

NRT12 adds 34 megawatts (MW) of critical IT capacity to the campus, bringing the total to 73 MW to meet the growing demand for scalable, flexible, and AI-ready data centers in the Tokyo metropolitan area.

Source : PR Newswire, Kyodo News, March 6th, 2024

Embedding AI and RAN

A new alliance including the 10 front-runners of technology and software industry with one university has been formed to embed Artificial Intelligence and Radio Access Network in order to utilize the full capacity by making it more reliable, efficient, and intelligent to propel the Telecom industry towards the 6G. The alliance include the names like AWS, Samsung, Ericsson, NVIDIA, Softbank, Nokia, and more.

Source : AI-RAN Alliance, February 26th, 2024

Japanese government reiterates on support for country's chip industry

The government has designated semiconductors as a "strategic commodity" and has allocated a substantial budget to strengthen domestic production. Ken Sait, Minister of Economy, Trade and Industry, announced that the government would continue to provide support to revitalize the country's semiconductor industry, including grants to TSMC, Taiwan's leading semiconductor manufacturer.

Following the initial plant of TSMC's initial plant construction in Kumamoto Prefecture, the company has opted to establish a second plant, with the Japanese government offering subsidies of up to approximately 1.2 trillion yen. Alongside TSMC, other entities such as Micron, ASML Holding, and Samsung are also receiving government subsidies for investments in manufacturing, research and development facilities in Japan.

Source : Ministry of Economy, Trade and Industry, February 24, 2024

Microsoft and Mistral AI partnership to be analyzed by European Commission

The European Commission is investigating the recently disclosed collaboration between Microsoft and Mistral AI. This development occurred shortly after Microsoft publicly announced a $16 million partnership with the French generative AI laboratory.

The scrutiny centers around the potential implications of this alliance, particularly given Mistral's status as a European competitor to OpenAI. Notably, Microsoft's investment in Mistral could potentially convert into equity during Mistral's next funding round, which has raised concerns among regulators.

Source : datacenterdynamics

RSI Remote Hands Services

Highly experienced bilingual staffs available 24/7 to save you time and energy

Through their bilingual Remote Hand Services (RHS) staffs, RSI provides technical as well as administrative supports, including but not limited to maintenance and management of your IT equipment located in the data center on your behalf. Because your time is valuable for RSI, all you need to do is to submit your requests, then RSI will immediately dispatch high quality performance RHS staffs to the site to take care of your requests during the day or night time, whether on weekends or public holidays.

Available scope of services

- IT equipment installation and removal
- Installation or replacement of modular equipment components
- Storage media Installation and replacement
- Network cabling works
- Power cabling works

- Troubleshooting
- Various network configuration including IPMI configuration, Ping test, and further Input commands...

- Packages receiving and delivery...
- Vendor escort
- IT carrier coordination
- Inventory

Available service areas

RSI offers RHS supports for clients in Japan and abroad with flexibility, tailor-made to their needs and situations. The regions mainly covered by RSI for RHS are Kanto and Kansai areas. Nationwide support is also available based on common arrangement with client.

RSI offers a wider range of remote hands services other than those listed in this document.
For further scope of services provided by RSI, please reach out to us with your inquiry at the contact information depicted below.

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