

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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US Pushes for Global AI Regulations at UN

The United States has proposed a UN resolution to promote the development of safe, secure, and trustworthy artificial intelligence (AI) systems. This initiative aims to address legal, national security, and human rights concerns arising from AI's rapid expansion. The resolution emphasizes effective safeguards, encourages private sector adherence to laws, advocates for global cooperation, and focuses on closing disparities between countries.

Source : Bloomberg through [MSN](#), March 15th, 2023



KKR Is Keen to Buy Japan Real Estate Even After BOJ Raises Rates

KKR & Co., an alternative asset manager, remains committed to acquiring Japanese real estate assets, even if the Bank of Japan (BOJ) raises interest rates for the first time since 2007. Japan is now KKR's primary focus for property investments in Asia. The firm has the capacity to spend anywhere from \$20 million to over \$1 billion on individual deals. The nation's property sector is attractive due to the BOJ's prolonged low rates, allowing returns on investment to exceed borrowing costs. KKR expects monetary conditions to remain favorable even after the BOJ abandons its negative-rate policy.

Source : [Bloomberg](#), March 14th, 2024



Transition to the Renewable Energy and the Need for Energy Storage

Generating energy from renewable resources relies heavily on the intermittent availability of these sources. For instance, solar panels require sunlight, while wind energy production depends on the presence of wind. However, the energy generated must be effectively utilized; otherwise, it goes to waste. Additionally, electricity demand varies daily and seasonally. To address this, diverse energy storage methods are necessary to store surplus energy for times of high demand. A combination of

techniques—such as thermal and phase-changing storage, electrochemical systems, pumped hydroelectricity, mechanical solutions, and hydrogen electrolysis—holds great promise for the future of renewable energy utilization and storage across various applications.

Source : [Nationalgrid](#), Latest update June 26th, 2023

NTT Innovative Devices Reveals Product Roadmap to Enable Fast, Sustainable Communications Technologies Globally

NTT Innovative Devices announces the development of photonic-electronic convergence (PEC) hardware, enabling optical transmission from traditional communication areas (high-capacity, long-distance) to computing and mobile device areas (high-density, short-distance). This marks a significant milestone in the global development of NTT's next-generation communication infrastructure, the IOWN initiative. Initially designed for long-distance communication and data center interconnection, future plans include applications within data centers, servers, vehicles, PCs, and smartphones.

Source : [NTT Group](#), March 12th, 2024

US Senator Urges Microsoft to Pull Bing Out of China

U.S. Senator Mark Warner criticizes Microsoft for complying with China's internet censorship. Microsoft's Bing search engine blocks information related to human rights and democracy to meet the demands of the Chinese Communist Party. Warner argues that U.S. companies should not support Chinese censorship, and Bing should withdraw from China like other American companies have done. Despite the complexity, Microsoft must uphold its promise to use technology for democracy and good governance.

Source : [Bloomberg](#), March 14th, 2024



Quantum Computing and the Future of Computing Systems

Quantum computers, utilizing quantum bits (qubits) instead of traditional binary (0 and 1) bits, hold the potential to process information at unprecedented speeds by harnessing principles like parallel processing and superposition. Though many challenges remain in realizing quantum computing, its innovative possibilities are widely anticipated. For instance, solutions to previously insurmountable challenges such as encryption cracking, complex simulations, and drug design become feasible. Moreover, quantum computing promises significant

advancements in AI, enabling more efficient processing of tasks like machine learning and pattern recognition. This opens doors to innovative applications across various fields including science, healthcare, communications, and energy.

Source : [OpenMind](#), February 27th, 2023

VIRTUS Unveils New Data Centre Development in Saunderton, Buckinghamshire

VIRTUS Data Centres, a division of the ST Telemedia Global Data Centres Group, has revealed plans for a cutting-edge data center campus. Located on a newly acquired 50-acre freehold site in Saunderton, Buckinghamshire, near the established data center hub of Slough, west of London, this move directly addresses the growing demands of Artificial Intelligence.

It represents a major advancement in providing AI-ready, large-scale, high-capacity data infrastructure. The current design comprises four data centres capable of delivering IT capacity of 75 MW to meet the escalating demand for robust data infrastructure.

Source : [STTelemedia GDC](#), February 19, 2024

Google expanded partnership with Reddit

Reddit will integrate AI-powered capabilities using Vertex AI to enhance search and other features on its platform. Google aims to make Reddit information more accessible across its products, benefiting users and encouraging participation in Reddit communities.

Additionally, Google now has structured access to real-time content from Reddit's dynamic platform through the Reddit Data API, enhancing understanding and relevance. This collaboration aims to provide users with easier access to Reddit's helpful content.

Source : [Company announcement](#), February 22nd, 2024





RSI System Monitoring Support

Highly experienced bilingual staffs available to ensure optimum system performances

Through their bilingual Remote Monitoring Support (RMS) staffs, RSI provides efficient system monitoring supports to help you detect problems quickly so the latter can be addressed before they cause any major damage or disruption in your data center. Because

your facilities are important and require special cares, an experienced and proactive monitoring staff will help you maximize up-times, 24 by 7, during daytime or nighttime, whether on weekends or public holidays, regardless the weather conditions.

Data Center Facilities Monitoring

Key components handled by RSI staff while monitoring your facilities in real-time :

- IT Hardware (server, storage devices, network equipment)
- Environmental Conditions (temperature, humidity, airflow)
- Power and Cooling (UPS, PDUs, Backup generators, all cooling systems)
- Physical Security (security cameras, identity and access control, door access)
- Periodic reports and analyses provided

RSI monitoring staff may be dispatched to monitor your systems on-site or remotely based on your specific requirements. When an unexpected event occurs, necessary actions will be promptly taken to mitigate impacts of the issue and reduce downtime.

What makes RSI different

- High quality performance team with bilingual members
- Expertise in the latest IT trends for global well positioned companies
- Long standing relationships with experienced local companies
- Relevant experience with various types of data centers including edge and cloud data centers.

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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