

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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Amazon Is Giving Alexa a Major AI Upgrade. Here's What We Know

Amazon is preparing a significant AI upgrade for its Alexa voice assistant, expected to be announced at an event on February 26, 2025. This upgrade will introduce generative AI capabilities, allowing Alexa to engage in more natural, contextual conversations and handle multistep tasks. The new features aim to enhance user interaction with smart home technology. Amazon has hinted at the possibility of a paid tier for advanced capabilities, potentially costing between \$5 and \$10 per month. This upgrade marks Alexa's most significant evolution since its debut in 2014. The move comes as Amazon faces increasing competition from AI assistants developed by companies like OpenAI, Google, and Anthropic. The event will showcase the latest innovations from the Alexa team, highlighting Amazon's continued investment in AI technology.

Source: [MSN](https://www.msn.com), February 26th, 2025

Analysts Notice Microsoft Quietly Cancelling Data Center Leases

Analysts have observed that Microsoft is quietly cancelling data center leases, indicating a potential oversupply issue. The company had previously committed to significant spending on AI infrastructure but is now scaling back. Microsoft has cancelled several hundred megawatts of leases in the U.S. and shifted a large portion of its international spending back to the U.S. This change is partly due to its involvement with OpenAI and the evolving economic landscape. Additionally, Microsoft has paused construction on a data center in Wisconsin, leaving \$3.3 billion in limbo. These actions reflect a more cautious approach by Big Tech towards substantial AI investments. Overall, Microsoft's adjustments highlight the challenges and strategic shifts in the tech industry's infrastructure planning.

Source: [Gizmodo](https://www.gizmodo.com), February 24th, 2025

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Data Center 50: The Hottest Data Center Companies Of 2025

Data center spending experienced record growth last year, increasing by 34%, with companies like Nvidia, Dell, and HPE benefiting significantly. This year, the demand continues with over half a trillion dollars pledged for data center investments in January alone. Flexential is planning to deploy the first extraterrestrial data center on the moon. Data centers face challenges such as electricity generation for power-hungry GPUs used in AI model training. Companies are addressing these challenges by turning to renewable energy and innovative cooling solutions.

Despite potential economic uncertainties, the data center market remains a safe haven for investments. Hyperscalers like Amazon Web Services, Microsoft, and Meta continue to invest heavily, with a combined annual investment of about \$250 billion. OpenAI, Oracle, and Softbank have pooled \$500 million to build Stargate, an AI data center in Texas. The article showcases the dynamic and rapidly evolving landscape of the data center industry. Overall, data centers are crucial for supporting the growing demand for AI and advanced computing.

Source : [CRN](#), February 24th, 2025

Cloud CISO Perspectives: New AI, cybercrime reports underscore need for security best practices

New AI and cybercrime reports emphasize the need for robust security practices. Malicious actors are increasingly using AI to scale their operations and mix ransomware with intelligence collection. Organizations must prioritize and review security fundamentals as part of their risk management. The reports recommend that policymakers enable responsible innovation to defend against these threats. Strong network resilience practices and cross-sector collaboration are crucial for effective risk management. These insights were shared at the Munich Security Conference, highlighting the evolving landscape of AI and cybercrime.

Source: [Cloud.Google](#), February 19th, 2025

DOGE will use AI to assess the responses of federal workers who were told to justify their jobs via email

Federal workers are pushing back against an email directive from Elon Musk, which required them to justify their jobs by listing their weekly accomplishments. The responses are to be assessed by an AI system to determine the necessity of their roles. The U.S. Office of Personnel Management clarified that responding to the email is voluntary and not responding does not equate to resignation, despite Musk's initial threat. The directive has been criticized as intimidation and disregard for federal workers' service. The AI system, a Large Language Model, will analyze the responses to identify mission-critical work. The Justice Department informed its workforce that the email responses are voluntary. The White House and OPM have not provided further comments on the situation.

Source: [NBCnews](#), February 25th, 2025

NVIDIA Earth-2 Features First Gen AI to Power Weather Super-Resolution for Continental US

NVIDIA's Earth-2 platform features the CorrDiff model, a generative AI tool for high-resolution weather forecasting. CorrDiff can predict weather phenomena at a kilometer scale, significantly improving disaster preparedness and saving lives. It is up to 10,000 times more energy-efficient than traditional high-resolution weather prediction methods. The model enhances coarse-resolution weather data from 25 kilometers down to 2 kilometers using diffusion modeling. CorrDiff can also predict variables not present in the input data, such as radar reflectivity, indicating rain location and intensity. Initially optimized for Taiwan, the model now

covers the continental United States. It supports risk assessment, evacuation planning, disaster management, and climate-resilient infrastructure development. Weather agencies and startups globally are adopting CorrDiff to improve forecast precision for extreme weather, renewable energy management, and agricultural planning. This advancement represents a significant leap in weather prediction technology, offering high-fidelity forecasts and better preparedness for extreme weather events.

Source: [Blogs.Nvidia](#), February 24th, 2025

In an AI Boom, Data Center Energy Cos Seek Investor Support

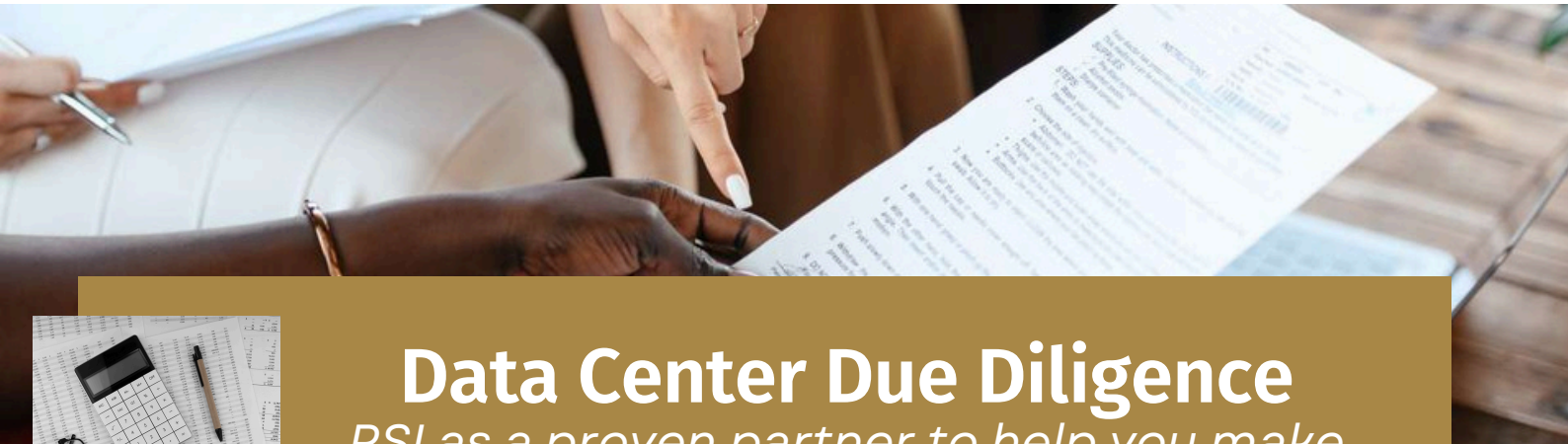
AI is increasingly being used to optimize energy consumption and improve efficiency in data centers. Companies are investing in AI technologies to manage energy use more effectively and reduce costs. AI enhances predictive maintenance and operational reliability in data centers. The demand for data processing and storage capabilities is driving this trend. Renewable energy sources are being integrated to power data centers, contributing to sustainability goals. The collaboration between AI and energy sectors is creating more efficient and eco-friendly operations. AI is revolutionizing energy management practices across various industries. This intersection of AI, data centers, and energy is fostering innovation and growth. The article highlights the potential for AI to transform energy management.

Source: [Middle Market Growth](#), February 25th, 2025

Google just made AI coding assistance free for everyone - with very generous limits

Google has made its AI coding assistant, Gemini Code Assist, free for everyone with generous usage limits. Users can now access up to 180,000 completions per month, integrated deeply into popular IDEs. This move aims to enhance the coding experience by allowing developers to write and review code more efficiently. The assistant supports various coding tasks, including generating code snippets, debugging, and providing suggestions. Google hopes this will democratize access to advanced coding tools and foster innovation. The assistant's integration into IDEs eliminates the need for constant switching between tools, streamlining the workflow. This update is part of Google's broader strategy to compete with other AI coding tools in the market. The company is also considering a paid tier for additional features in the future. Overall, this initiative is expected to significantly impact the developer community by making advanced AI tools more accessible.

Source: [ZDnet](#), February 25th, 2025



Data Center Due Diligence

RSI as a proven partner to help you make informed investment decisions

RSI provides a proven strategy for business success by thoroughly evaluating all aspects of your Data Center Due Diligence projects, from the proposed land to the existing facility, to assess its asset value. The condition of buildings and facilities, and the local land characteristics are

essential in deciding whether to add it to the portfolio as an investment. RSI's experienced Staffs can assist potential investor and seller with land and facility due diligence for data centers and data center evaluation while developing a long-term business strategy.

RSI Data Center Due Diligence

RSI support for due diligence is widely demanded by professionals in various range of industries, including but not limited to data center provider companies, real estate investment companies, and major construction companies. We help them maximize results for their business. Most (but not all) of our clients' demands for data center due diligence support are as follows:

- Data Center Asset Evaluation
- Facility Standards Assessments
- PUE calculation support
- Design, supervision, and site verification
- Due diligence of real estate and proposed land acquisitions
- Due diligence of existing data centers

What RSI has to its credit

RSI has successfully achieved various projects in Data Center Due Diligence. It has indeed supported numerous global companies while applying recognized Japan and global standards and methods in all aspects of site due diligence, data center evaluation as well as facility due diligence.

RSI work consists namely of an in-depth analysis of various aspects of the projects, highlighting potential risks and proposing efficient risks mitigation or, when applicable, risks elimination, while evaluating the matching between the potential deal and the client's portfolio.

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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