

Uptime Institute Global Data Center Survey 2024: supplier view

UII DATA REPORT 152 | SEPTEMBER 2024

SUMMARY

The Uptime Institute Global Data Center Survey, now in its 14th year, is the most comprehensive and longest-running study of its kind. This report highlights some of the results from vendor, consultant and product supplier respondents and provides an insight into the spending strategies, technology adoption and issues facing their customers.

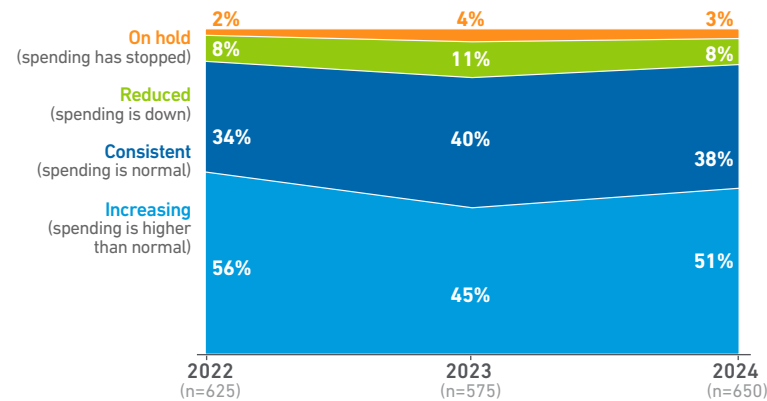
Suppliers rank forecasting future data center capacity as their customers' greatest challenge, and most say that staffing shortages will limit capacity growth within the next five years.

ABOUT THIS SURVEY

The Uptime Institute Global Data Center Survey 2024, conducted online in March and April 2024, had more than 750 supplier respondents. This report highlights some of the findings.

Customer spending continues to rise

How would you characterize the current willingness of your customers to spend money on data center products and/or services?

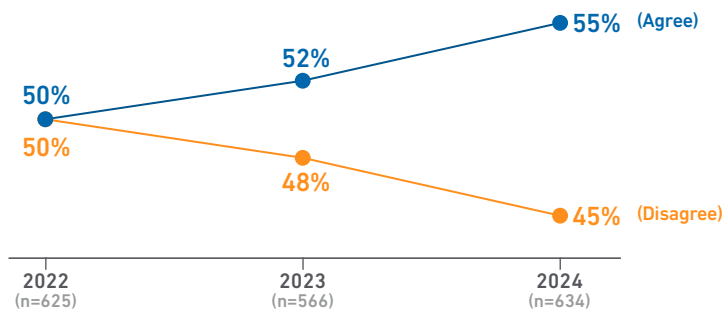


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Over half of vendors say data center staff shortages will limit growth

A shortage of data center facilities staff will limit the data center industry's growth in the next five years. Agree or disagree?



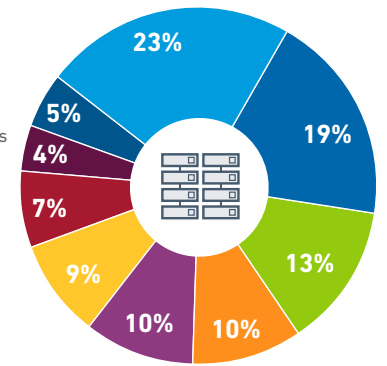
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Capacity planning and staffing are top customer challenges

Which of the following do you believe is the single largest challenge for the majority of your data center customers? (n=652)

- Forecasting future capacity requirements
- Lack of qualified staff
- Improving energy performance for facilities equipment
- Maintaining competitive / cost-efficient operations
- Improving energy performance for IT
- Managing different data center environments (e.g. mix of public cloud, colocation, on premises)
- Maintaining availability with aging infrastructure
- Migrating from on-premises to third-party data centers (e.g. cloud / colocation)
- Other

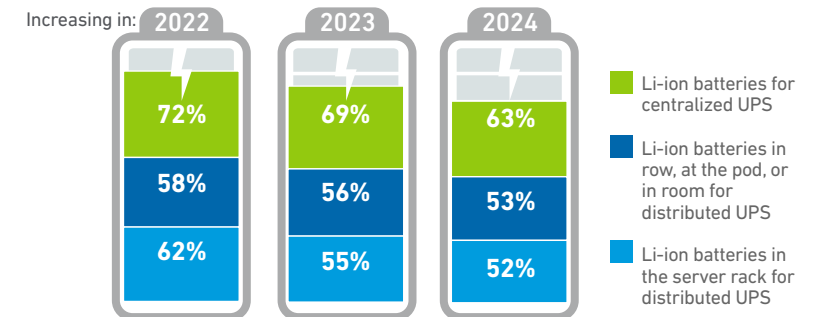


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Li-ion adoption remains strong, but shows signs of slowing down

For each of the following lithium-ion battery technologies, tell us whether your customer adoption rates are increasing. (n=561).

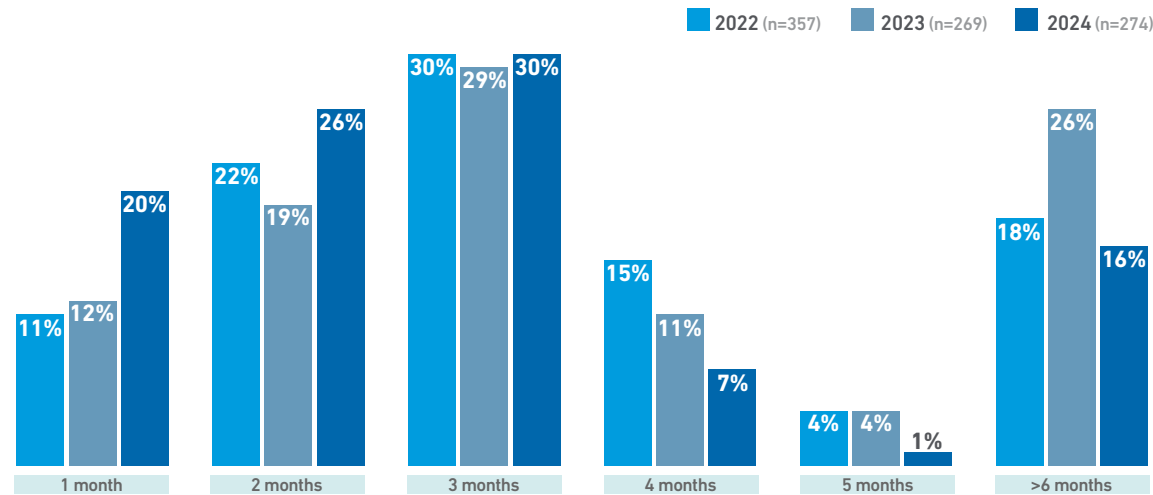


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Vendors note that customer delays are getting shorter

How much of a delay are your customers experiencing due to supply chain issues?

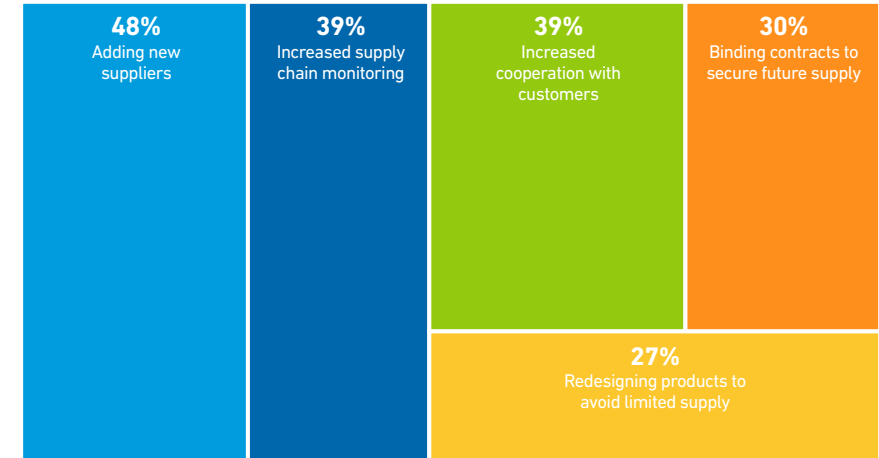


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Vendors add more suppliers to reduce customer delays

What approaches is your organization using (if any) to avoid / reduce data center project delays due to supply chain issues? Choose all that apply. (n=586)

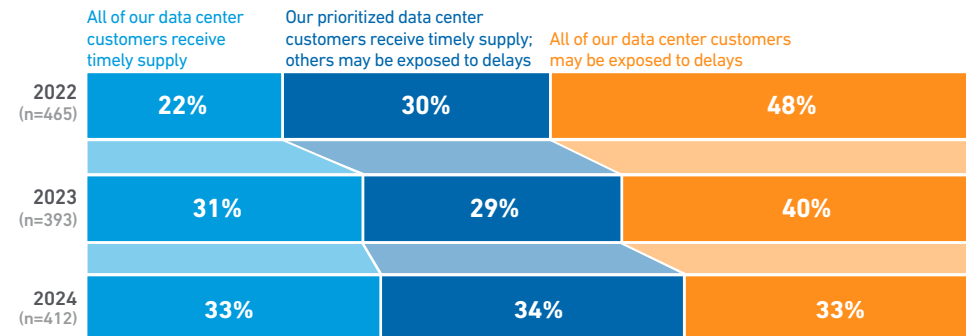


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More vendors report products are delivered on time

Which of the following best describes the timeliness of your product supply to your data center customers?

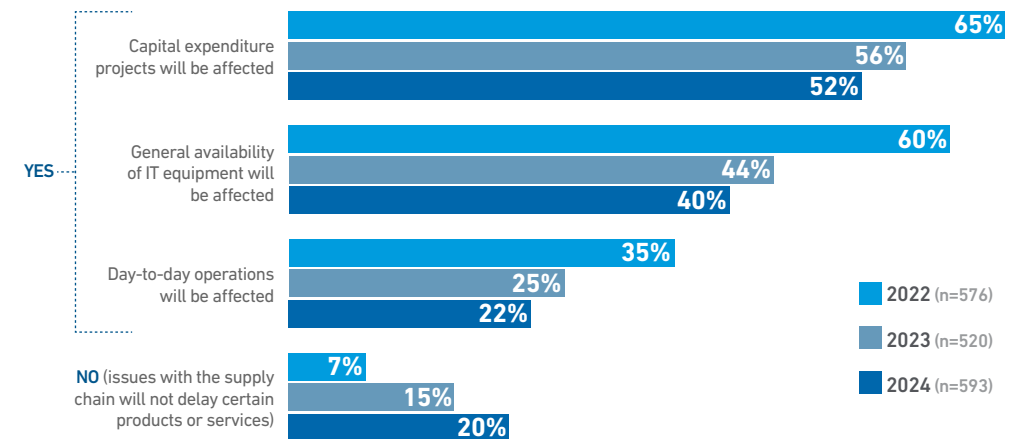


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Supply chains affect fewer products but remain a challenge

During the next two years, will issues with the supply chain delay certain critical products or services needed by data centers? Choose all that apply.

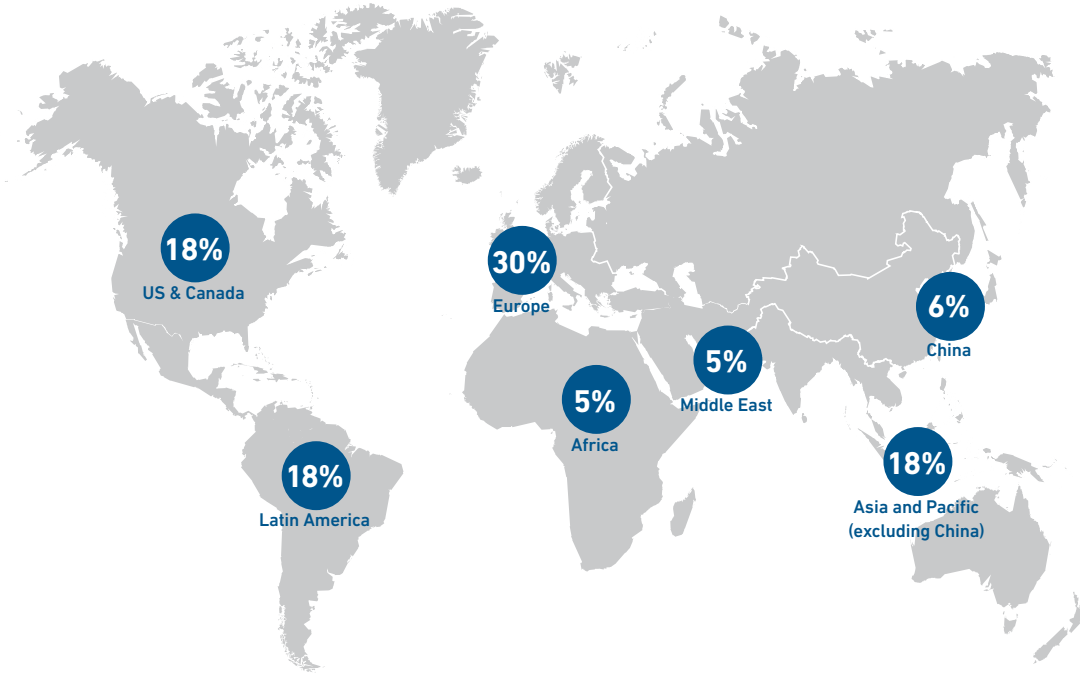


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Demographics: Uptime Institute Global Data Center Survey 2024

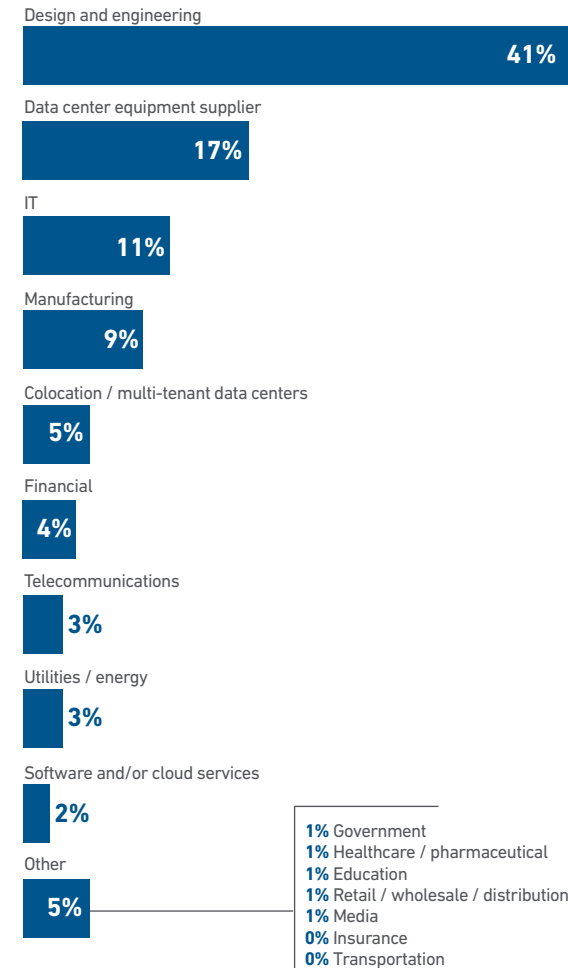
Company location (n=708)



Job description (n=575)



Verticals (n=573)



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About Uptime Institute

Uptime Institute is the Global Digital Infrastructure Authority. Its Tier Standard is the IT industry's most trusted and adopted global standard for the proper design, construction, and operation of data centers – the backbone of the digital economy. For over 25 years, the company has served as the standard for data center reliability, sustainability, and efficiency, providing customers assurance that their digital infrastructure can perform at a level that is consistent with their business needs across a wide array of operating conditions.

With its data center Tier Standard & Certifications, Management & Operations reviews, broad range of related risk and performance assessments, and accredited educational curriculum completed by over 10,000 data center professionals, Uptime Institute has helped thousands of companies, in over 100 countries to optimize critical IT assets while managing costs, resources, and efficiency.

Uptime Institute is headquartered in New York, NY, with offices in Seattle, London, Sao Paulo, Dubai, Singapore, and Taipei. For more information, please visit www.uptimeinstitute.com

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