

LOCATION MATTERS: Where is your data center lab?

Data center lab spaces are often an afterthought. Have you considered the location of yours, and its impact on power usage, rental costs and utilization of resources?

94% of respondents are missing opportunities to save money and resources by managing their own labs and overpaying for rent and power.

CLOUD SOLUTION

While it may present a cost-effective option for some needs, cloud limits options regarding security, accessibility and flexibility

46% of respondents are satisfied with current level of accessibility to their IT equipment

49% cite flexibility as an important factor

OFFICE SPACE



Housing data center labs within commercial offices is an inefficient use of space and money. Most commercial office space lacks HVAC that can handle heavy loads as data center footprints grow

62% are housing R&D infrastructure within commercial space

42% are paying retail power rates (\$0.15 kW/h average)

40% struggle with the cost of lab infrastructure

WITHIN CORE IT INFRASTRUCTURE



There is industry-wide confusion regarding what level of redundancy is needed to run an R&D lab versus critical infrastructure

50% of running IT infrastructure

42% of respondents cite uptime and reliability as highest priority for data center labs, despite not being mission critical infrastructure

Critical IT infrastructure runs on 2N (fully redundant) power, while data center labs **can run effectively on an N configuration**

WHOLESALE PROVIDER



Wholesale provides more competitive power rates and efficient configurations within a purpose-built, off-site space with managed services options

Wholesale power rate: \$0.096 kW/h average **94%** of respondents manage their data center labs in-house, meaning access is critical

40% of respondents don't have the time or resources to manage their own data centers

Flexibility: Run 2N and N configurations in the same space