### The Business Value of

# Storage Solutions at the Edge

IDC surveyed 802 IT and operations decision makers across North America, Europe, and Asia to learn about the adoption and benefits of storage-as-a-service use

cases deployed in edge locations.

Cost of bandwidth and centralized

ABOUT THIS INFOGRAPHIC

### Edge solutions are designed to acquire, analyze, and act on data independent of centralized cloud or datacenter resources.

**Factors Driving Edge Adoption** 

TOP 5 MOTIVATIONS FOR DEPLOYING EDGE SOLUTIONS

(\$) infrastructure can be prohibitive Security/data protection related to negative

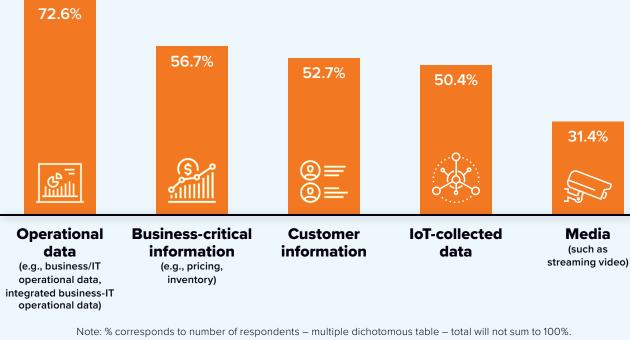
29.7%

27.4% impact on operations/applications **Deterministic latency and** 18.6% distance limitations **Compliance with sovereign entities** ZZ-Gzo 13.5% and industry regulations Continuous operation if (@) 10.8% network access is interrupted Note: % corresponds to number of respondents – total sums to 100%.

**Edge Data Characteristics** 

## STORED AT THE EDGE

**TYPE OF DATA** 





### Edge storage solutions are a set of storage-as-a-service use cases that are involved in acquiring, analyzing, and acting on valuable data created from various remote sources. **TOP 3 CONSIDERATIONS** WHEN DEPLOYING EDGE STORAGE SOLUTIONS

**Considerations and Challenges** 

Associated with

**Edge Storage Solutions** 

**Performance** 

60.1%

Note: % corresponds to number of respondents – multiple dichotomous table – total will not sum to 100%.

Privacy/

data sovereignty

20.7%

**Product** 

performance

18.7%

Increased

agility and

reduced risk

from

unforeseen events

Agility

17.2%

**Improved** 

compliance

**Security** 

70.7%

51.2%

Customer

satisfaction

Lower

cost

**Improved** 

customer

satisfaction

Compliance



39.3%

Note: % corresponds to number of respondents – multiple dichotomous table – total will not sum to 100%.

**Edge Storage Solutions Result** 

in Tangible Improvements

Chief experience officers (CXOs) measure the success of

edge storage solutions across several strategic KPIs:

Cost

Realized improvements, ranging from 17% to 21%, are material — indicating an attractive investment in edge storage solutions.



░

**Opportunities** 

for product/

application

improvement

(e.g., performance, value)

Note: % corresponds to number of respondents – multiple dichotomous table – total will not sum to 100%.



67.0% 79.0% have plans for have an edge solution additional in production today. edge investments.

Note: % corresponds to number of respondents.

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