

# The Business Value of Storage Solutions at the Edge

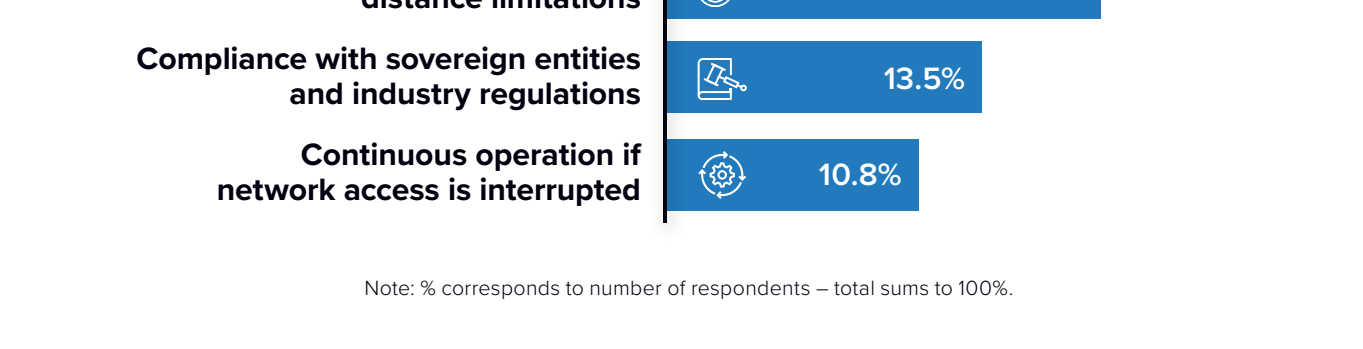
## ABOUT THIS INFOGRAPHIC

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.

## Factors Driving Edge Adoption

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

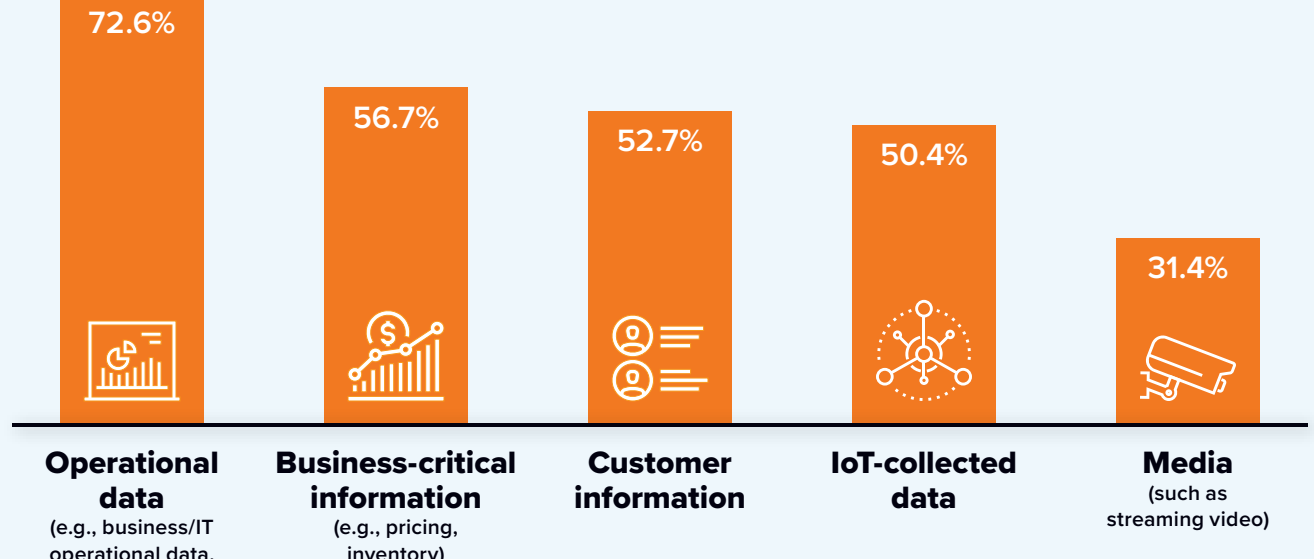
### TOP 5 MOTIVATIONS FOR DEPLOYING EDGE SOLUTIONS



Note: % corresponds to number of respondents – total sums to 100%.

## Edge Data Characteristics

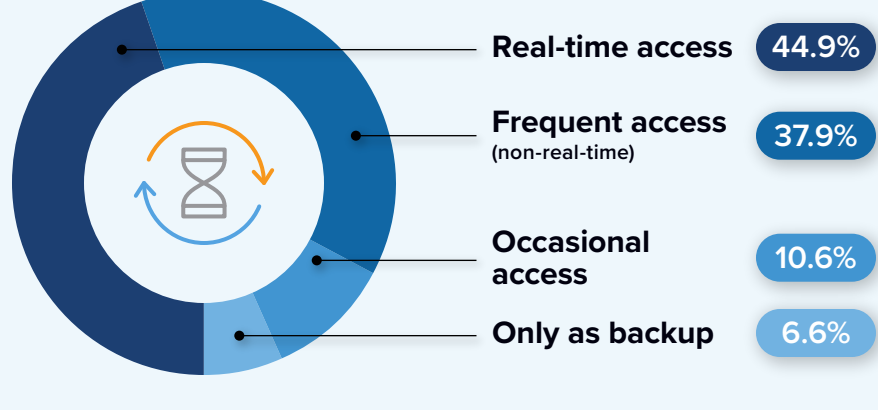
### TYPE OF DATA STORED AT THE EDGE



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

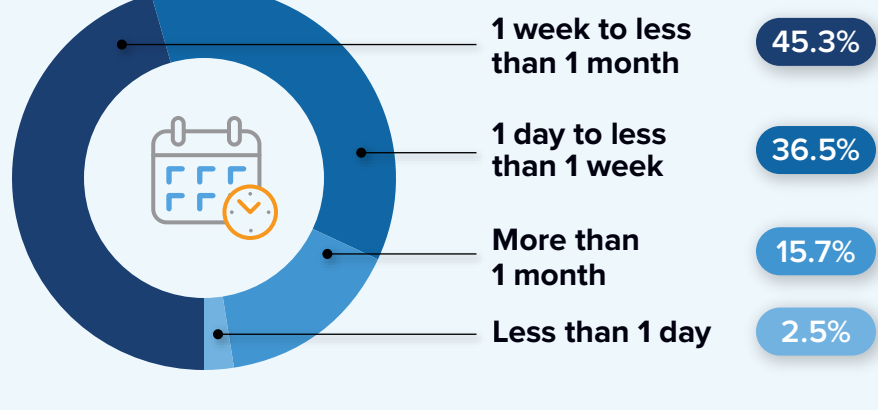
### HOW OFTEN EDGE DATA IS ACCESSED

Note: % corresponds to number of respondents – total sums to 100%.



### EDGE DATA RETENTION TIME

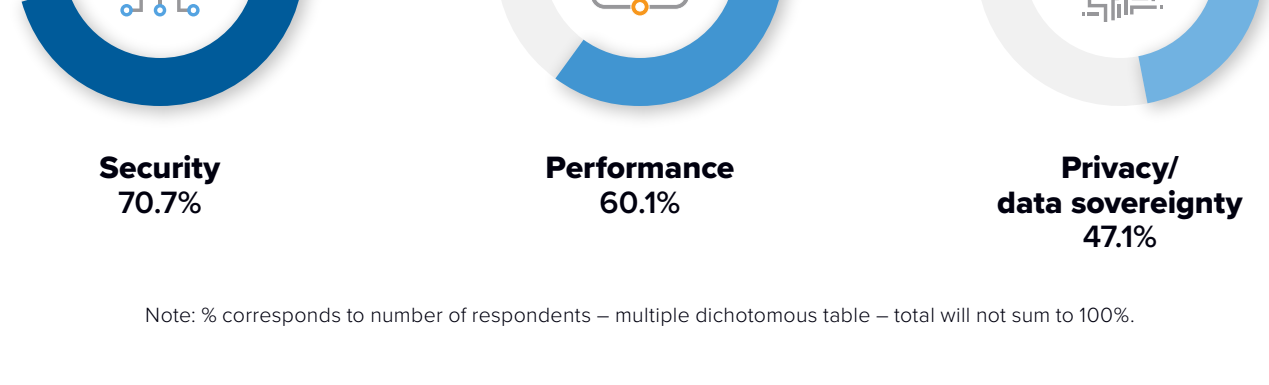
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## Considerations and Challenges Associated with Edge Storage Solutions

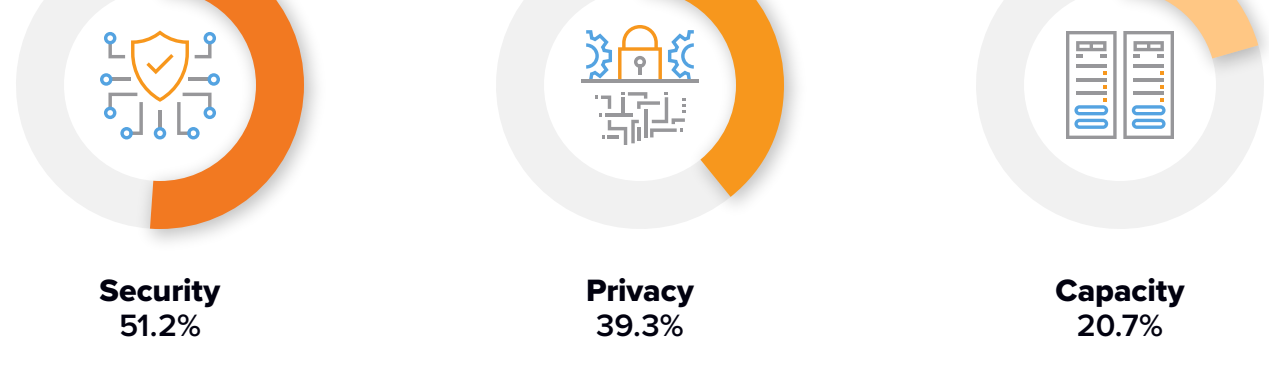
Edge storage solutions are a set of storage-as-a-service use cases that are involved in acquiring, analyzing, and acting on valuable data created from various remote sources.

### TOP 3 CONSIDERATIONS WHEN DEPLOYING EDGE STORAGE SOLUTIONS



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

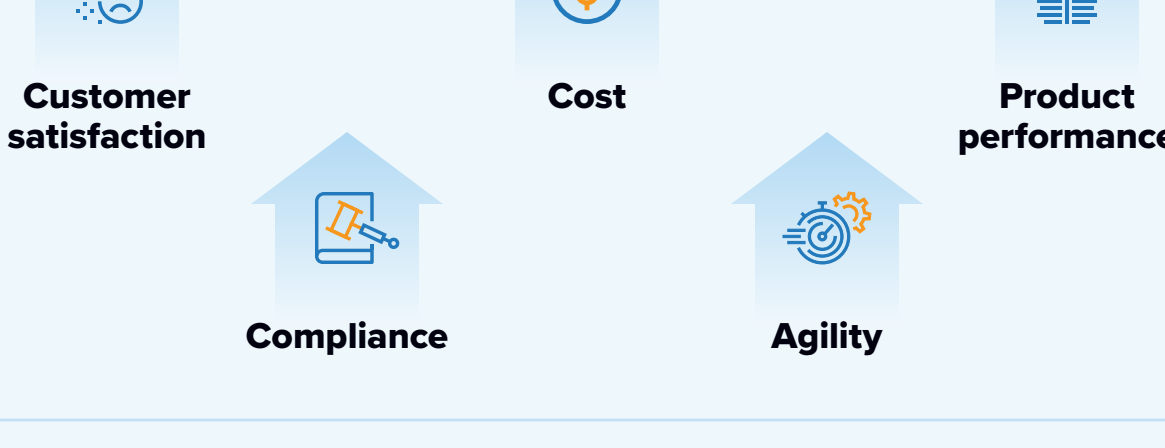
### TOP 3 CHALLENGES WITH EDGE STORAGE SOLUTIONS



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:

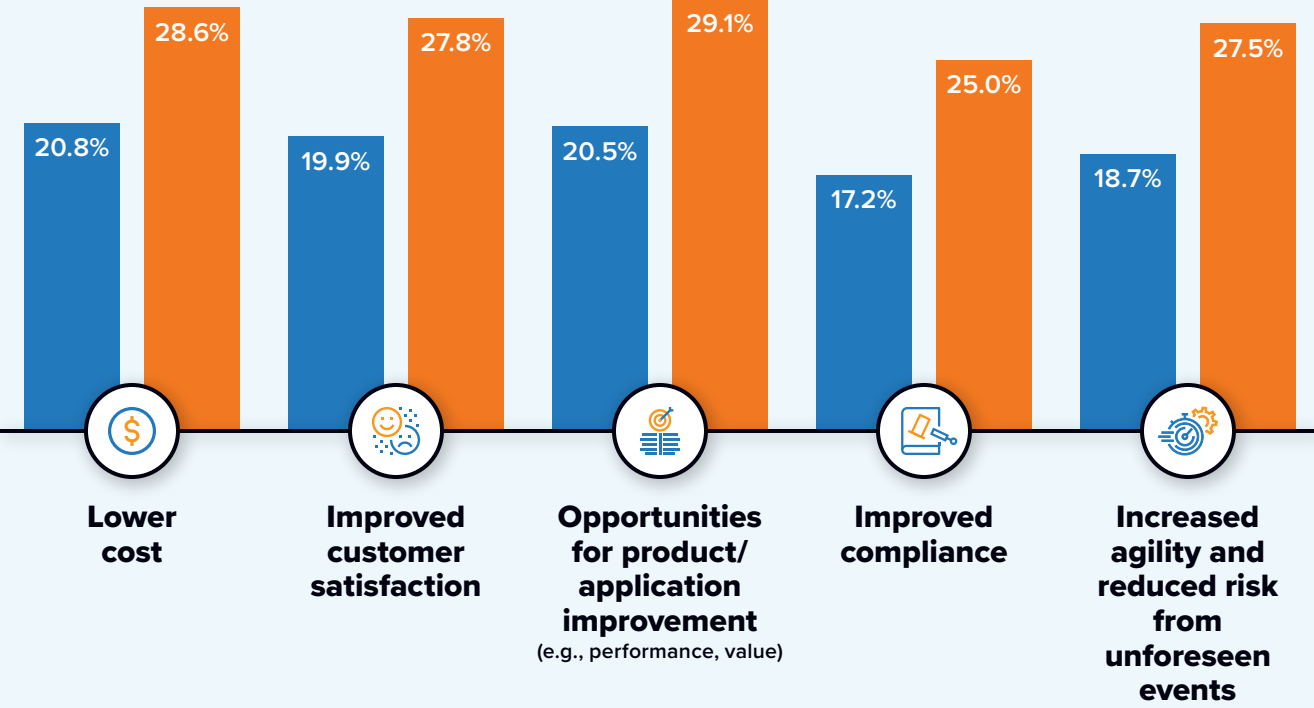


Realized improvements, ranging from 17% to 21%, are material – indicating an attractive investment in edge storage solutions.

Respondents have higher expectations as edge storage solutions mature, with improvements ranging from 25% to 29%.

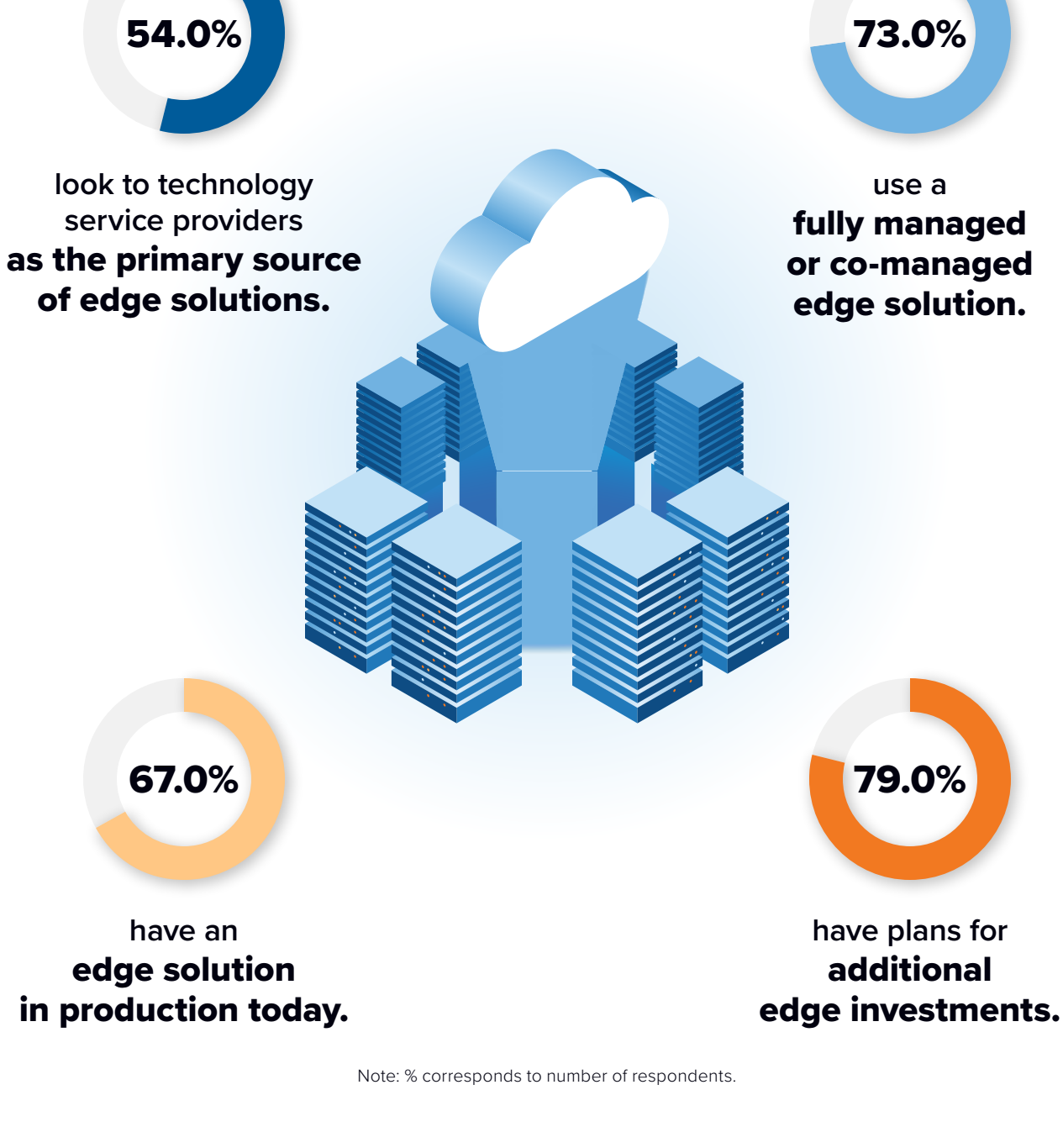
### IMPROVEMENTS ORGANIZATIONS HAVE REALIZED OR EXPECT TO REALIZE FROM EDGE STORAGE SOLUTIONS

Percentage of improvements: ■ Realized ■ Expected



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

## Organizations Make Edge Solutions a Priority



Note: % corresponds to number of respondents.

### Message from the Sponsor

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As data is dramatically shaping the future of all humankind, Lumen and Intel are working together to relentlessly unleash the potential of data, leading to more capable and efficient edge computing, and pervasive technologies across devices, systems, and workloads.

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