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RECOVERY | CLOUD WORKLOADS | STORAGE | RANSOMWARE REMEDIATION

How data resilience has focused disparate functions into a single business critical mission

A study comprising 75 interviews of large organizations in North America, UK and Australia documenting changing views on data resilience

A total of **75 IT executives** of large organizations completed the survey

All had budget and/or technical decision-making responsibility for data management, data protection and storage solutions at a company with 500 to 5,000 employees and at least 100 TB of data
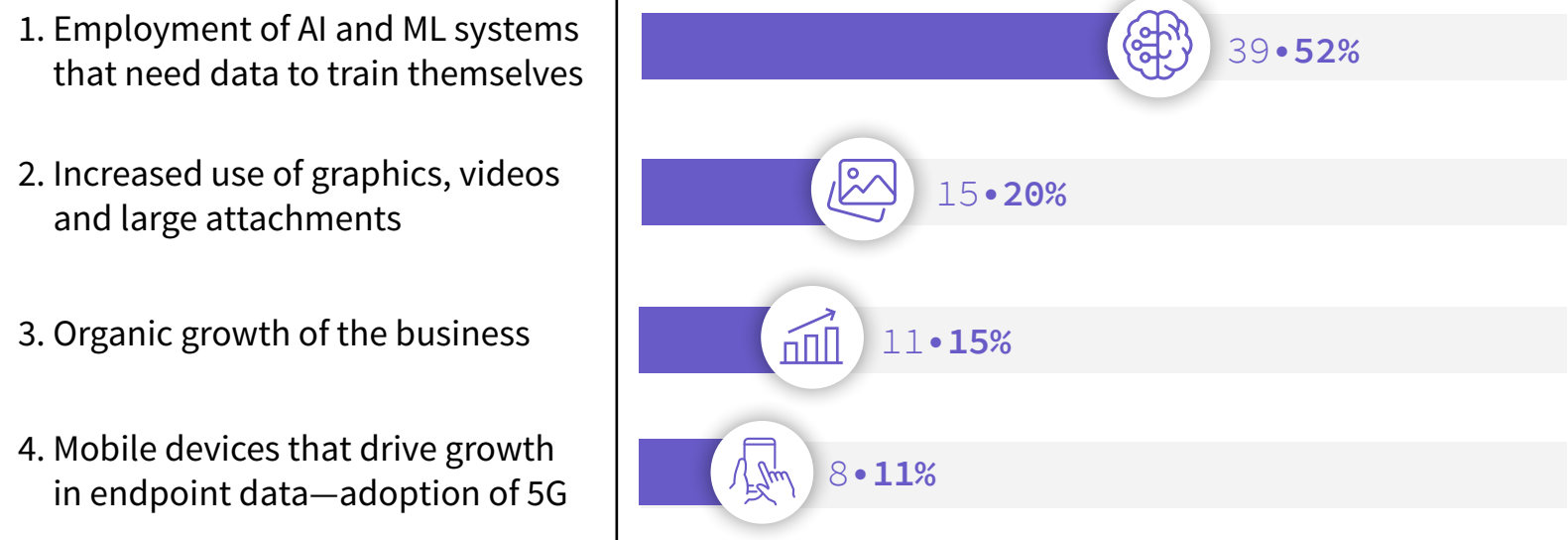
REPRESENTATIVE SAMPLE OF COMPANIES IN THE GLOBAL STUDY

- Magellan Health Systems
- Utah State University
- US Dept of the Interior
- Ford Motor Company
- University of Connecticut Health Center
- NSW Department of Education
- BAE Systems
- The City of Liverpool College

- University of Cambridge
- Starling Bank
- Children's Hospices Across Scotland
- Monzo Bank
- Royal Hospital for Neuro-disability
- Emtec
- United Overseas Bank
- Australian Industry Group

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Data growth is leading companies to reconsider their data resilience strategy.

Massive volumes of data are required to support mission critical business processes in an increasingly complex environment.
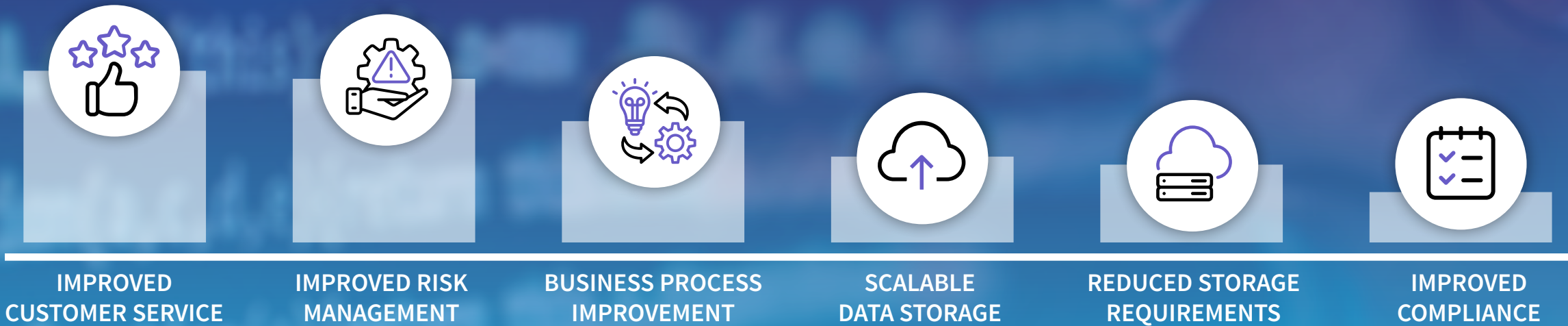
TOP 4 DRIVERS OF DATA GROWTH

1. Employment of AI and ML systems that need data to train themselves — 39•**52%**

2. Increased use of graphics, videos and large attachments — 15•**20%**

3. Organic growth of the business — 11•**15%**

4. Mobile devices that drive growth in endpoint data—adoption of 5G — 8•**11%**

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Critical business functions are **increasingly vulnerable** to compromised data.

Respondents' Top Business Processes Protected by Data Resilience Programs in 2022-2023

IMPROVED CUSTOMER SERVICE

IMPROVED RISK MANAGEMENT

BUSINESS PROCESS IMPROVEMENT

SCALABLE DATA STORAGE

REDUCED STORAGE REQUIREMENTS

IMPROVED COMPLIANCE

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Preference for a software-only data resilience solution comes with a cost.

PUBLIC CLOUD
87%
of respondents prefer a cloud based software only solution to protect cloud based services including IaaS PaaS and SaaS Workloads (managing it internally or through an MSP)

TIER DATA BACKUP
79%
of respondents prefer a cloud based software only solution for tiered data backup to the cloud (managing it internally or through an MSP)
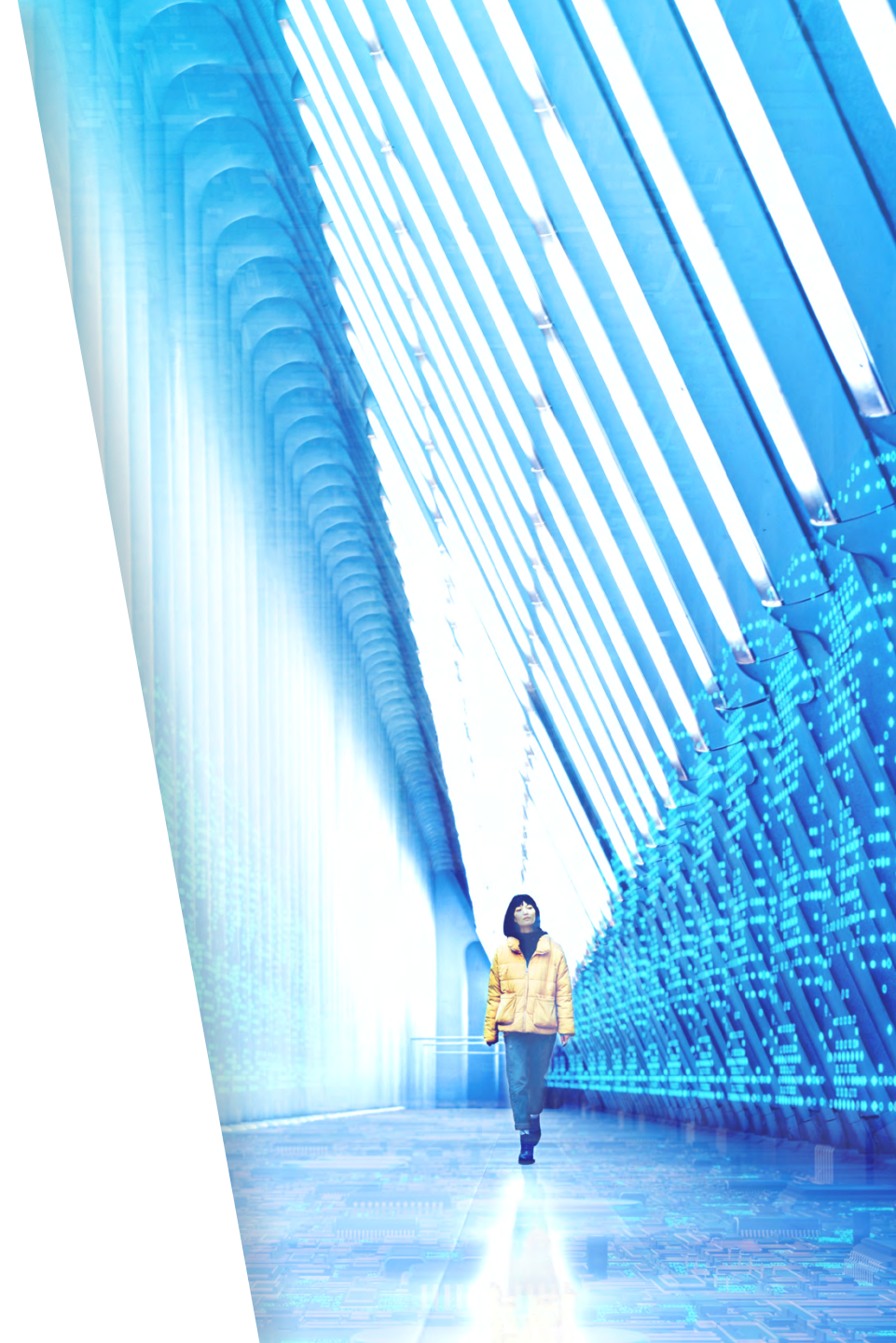
OPERATING SYSTEMS
64%
of respondents prefer a cloud based software only solution to recover operating systems, files, data bases and applications (managing it internally or through an MSP)

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Respondents compromise on **key preferences that are often unmet** by most software-only data resilience solutions.

72% **Prefer a cloud-agnostic solution**

64% **Prefer a converged solution** where a single device provides back up and ransomware solution

60% **Prefer continuous back up** capturing every version of the data saved

55% **Prefer built-in Wan optimization**
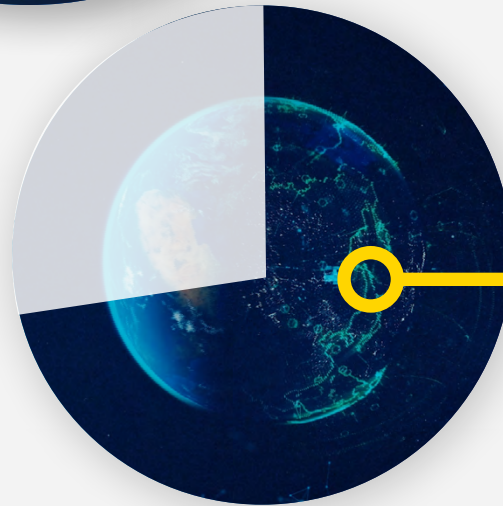
50% **Are striving for a near-zero RPO**

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96% of respondents say **the convergence of data recovery software, cloud storage and ransomware remediation** is consistent with plans to become an efficient, digitally-enabled business.

72% of respondents find compliance with new requirements re: "country restricted data" where cloud data is restricted to servers located in the country of origin difficult to insure

Concerns Relative to **Changing Computing Environments**

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TAKE THE ARCSERVE

Data Resilience Evaluation

Using the checklist, rate your resilience technology on a scale of 1-5 for each category.

USABILITY		COST OF OWNERSHIP		TECHNICAL PITFALLS		FUTURE PROOF		ON MISSION	
	Recover files easily		Customization required		Cloud vendor agnostic		Scalable		Cloud Snapshots
	RTO & RPO Goals		Technical debt		CDP continuous back-up		Remote site self-service		Data protection delivered as a service
	Office 365 (90 day) data limit		Data integration		Tape support		Flexibility relative to business complexity		Centralized Monitoring and intuitive UI
	Integration of DR software, cloud storage & ransomware protection		Fees for bringing data in and out of the cloud or for recovering files		Cloud-native protection for IAAS, PAAS and SAAS workloads		Support of Kubernetes managed container based applications		Assign multiple backup policies that align with the multiple missions
	Built-in Wan optimization		Time required from IT staff		Remote site data protection		Protects data against attack, no matter where it resides		Remote site data protection
	USABILITY SCORE		**COST TO OWN SCORE**		**TECH PITFALLS SCORE**		**FUTURE PROOF SCORE**		**ON MISSION SCORE**

CUMULATIVE SCORE

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Is your score
Less than 25?

Does your scoring make you wonder if there is *something better?*

94% of CIOs stated that the functionality of data recovery systems *directly impacts customer satisfaction.*

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Opportunities for improvement in **data resilience**

Intuitive Central Management Console

Save time with a unified user interface to manage local and remote servers and locations.

INFRASTRUCTURE VISUALIZATION
Simplify system management with an easy-to-read network diagram view of your entire environment
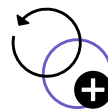
DASHBOARD WITH SRM REPORTING
Proactively avoid downtime with graphical insight into your backup environment to monitor the status of all backup activities

MODULAR ARCHITECTURE
Scale the protection to thousands of systems with a multi-tier modular architecture

Quick Recovery

GRANULAR RECOVERY
Restore individual files, emails, Active Directory, Microsoft Exchange, Microsoft SQL Server and Microsoft SharePoint

BARE-METAL RECOVERY
Restore entire Windows systems after disaster on the same or dissimilar hardware

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Protect what's priceless.

Continue Your Learning Experience

Guided Case Study Review	Personalized Demonstration	Evaluation and Road Map	Q&A with an Expert
⟶	⟶	⟶	⟶

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