

Architecting a Next-Gen Hybrid Cloud to Support Digital Resilience in 2021 and Beyond: Learnings from the Pandemic

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Digital Resilience Is a Central Tenet of the Future Enterprise

The pandemic has forced the C-suite to be better prepared for unforeseen disruptions and capitalize on new opportunities — making digital resilience a key strategy



IDC's **Digital Resilience Framework** is a technology-enabled approach to deal with future crises and includes three phases.

Source: FERS Survey Europe, Wave 5, June 2021

Top 3 factors that organizations cited as key to be resilient

- 1** Ability to adapt quickly to changing market conditions
- 2** Ability to learn continuously
- 3** Having cloud infrastructure to support data, artificial intelligence (AI), and other enterprise initiatives

By 2022, **70%** of all organizations will have accelerated the use of digital technologies and transformed existing business processes to deliver business outcomes such as better customer engagement, higher employee productivity, and business resilience.

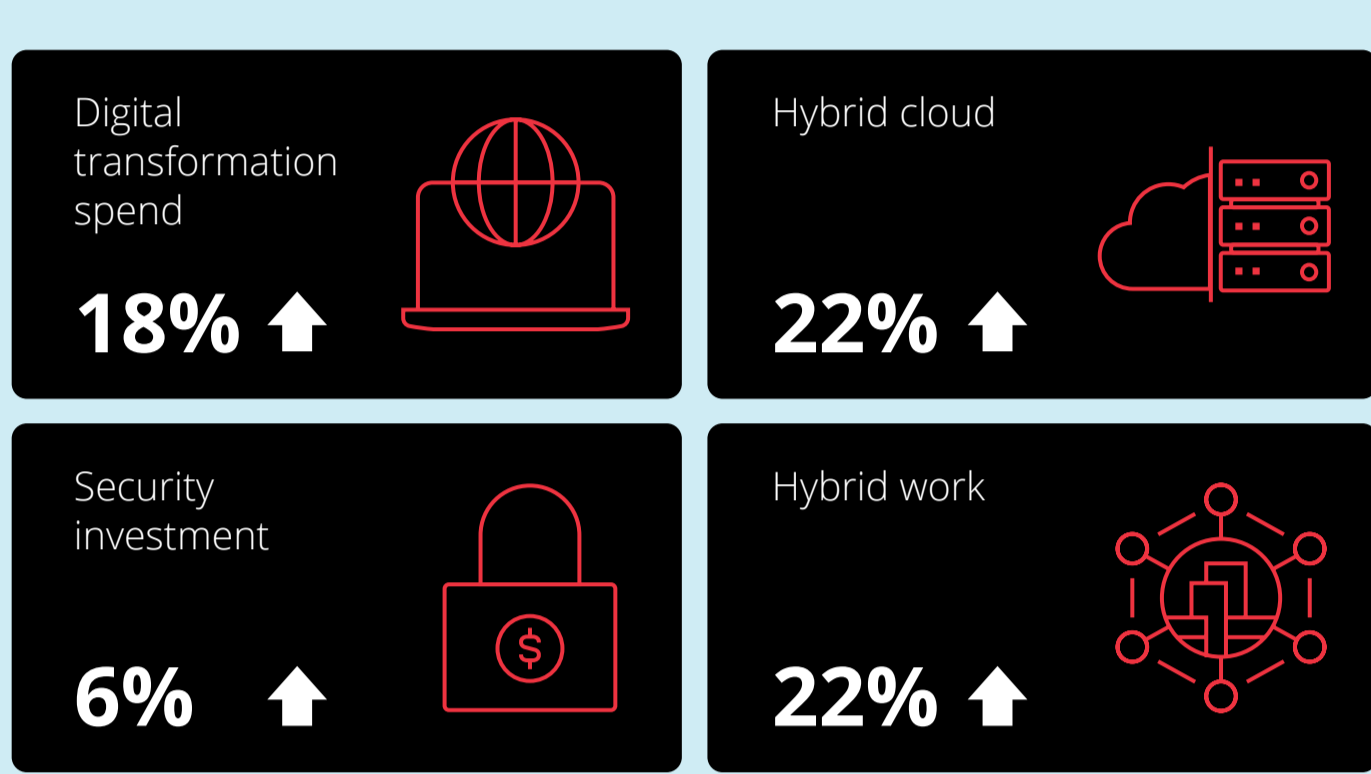
Digital Infrastructure Is Fundamental to Build Digital Resilience

Business and technology leaders are realizing that a resilient digital infrastructure and resilient operations are the core enablers of digital resilience

71%

of organizations see investments in digital infrastructure resilience as a top or high investment priority.

Investments in digital technology capabilities will outpace the 5% IT spending growth between now and 2024

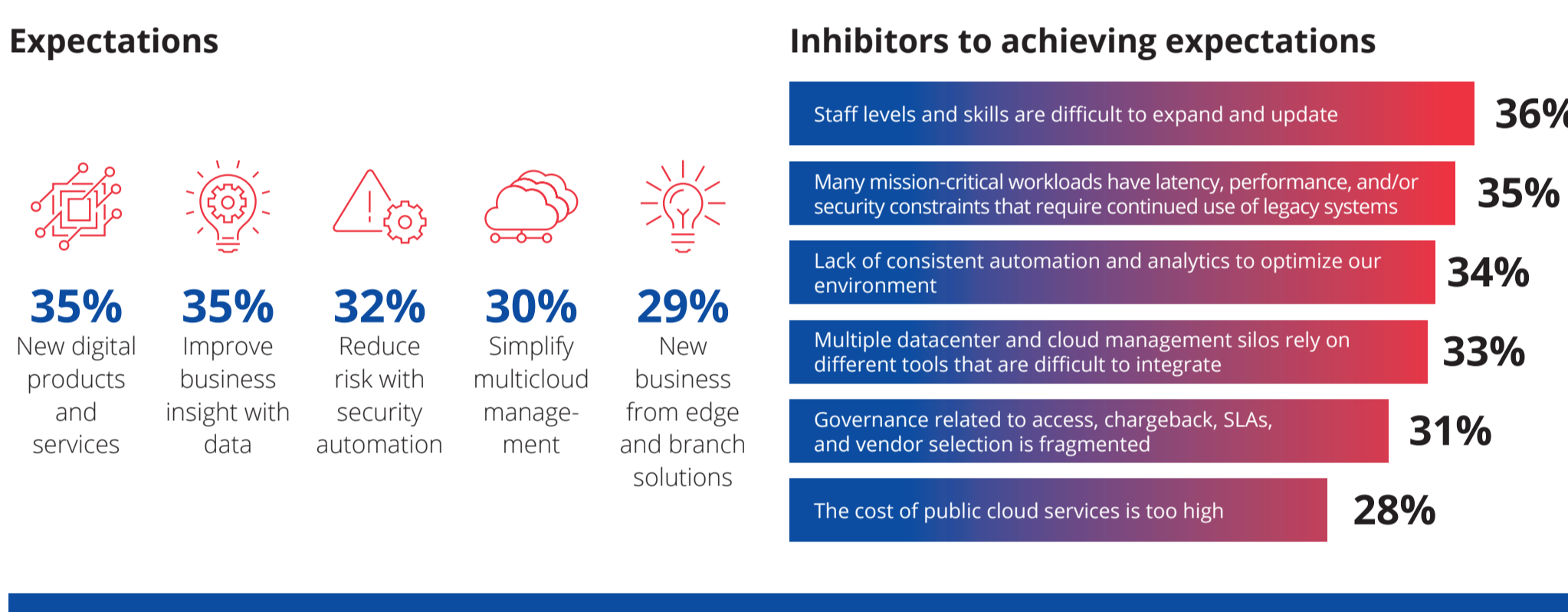


Source: IDC Directions, March 2021; FERS Survey Europe, Wave 4, May 5–16, 2021 (n = 530)

Digital Infrastructure Resilience: Expectations and Inhibitors

Inhibitors need to be addressed with modern integrated architectures to achieve business outcomes and meet expectations

Digital infrastructure is expected to enable business outcomes around innovation, risk reduction, and efficiency. It is expected to leverage automation and data-driven strategies for successful business transformation.



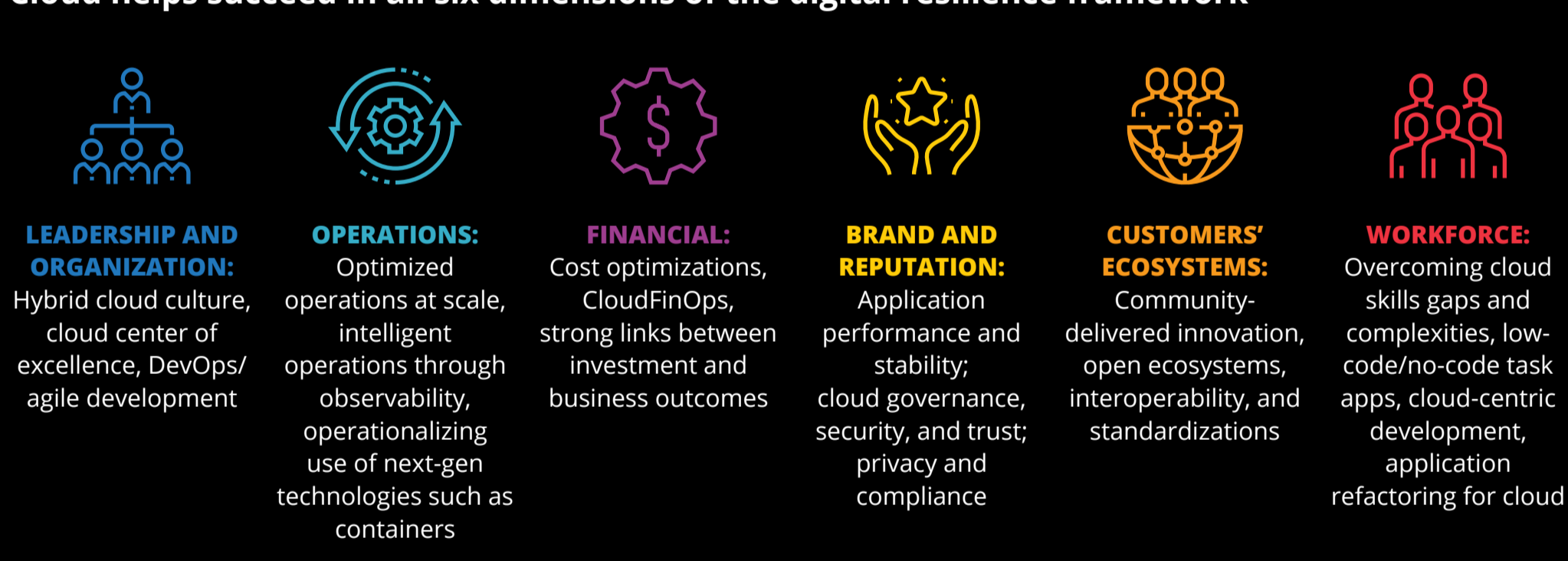
The ability to deliver various types of cloud environments consistently, cost efficiency, and rich cloud ecosystem are the top 3 attributes organizations are looking for in their modern hybrid cloud partner.

Source: FERS Survey Europe, Wave 4, May 5–16, 2021 (n = 530); IDC European Multicloud Survey, August 2021

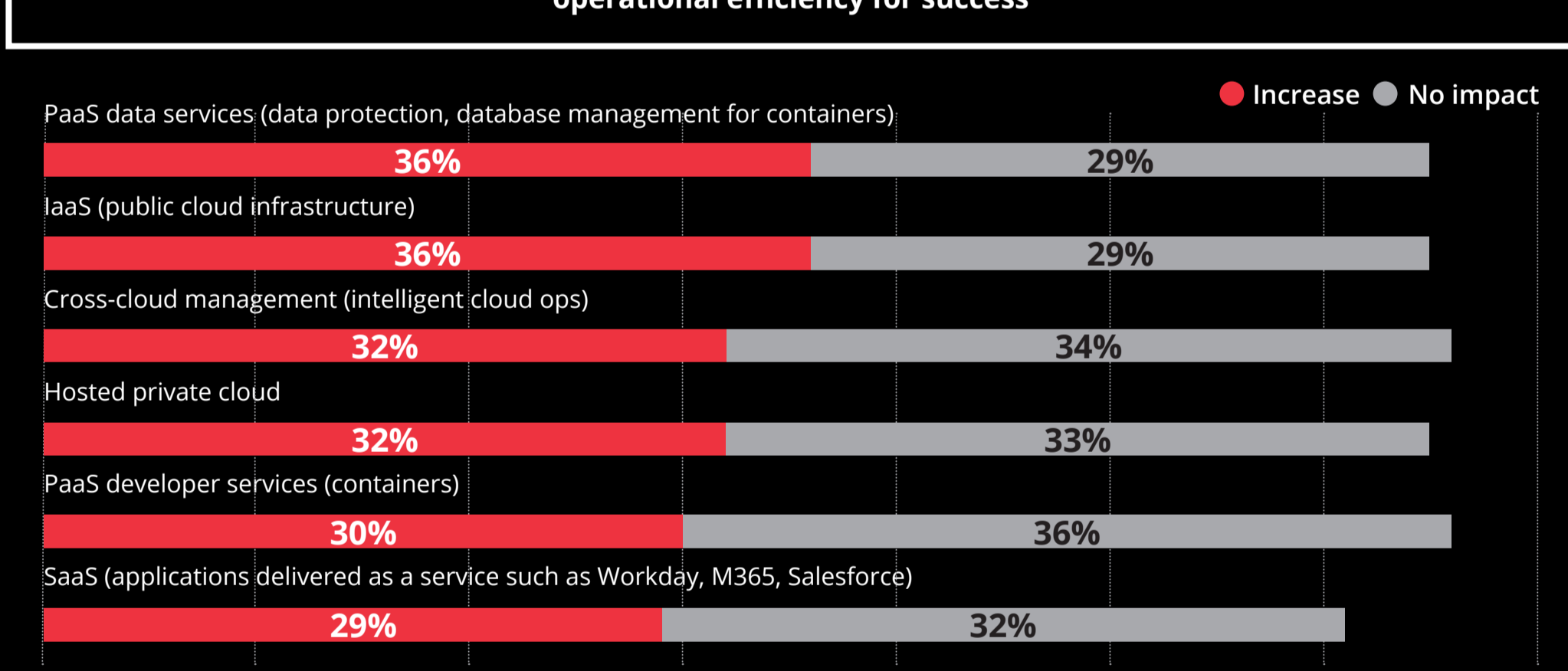
Hybrid Cloud Is the Foundation for Digital Infrastructure Resilience

76% of hybrid cloud users see IT as a “driver of competitive advantage” or “enabler of business efficiency,” compared with 67% of non-hybrid cloud users

Cloud helps succeed in all six dimensions of the digital resilience framework



A third of organizations in Europe expect an increase in 2021 spending on all types of cloud infrastructure despite tight budgets; growing investments in cloud capabilities, containers, and cloud operational efficiency for success



* Excludes not stated / don't know
Source: FERS Survey Europe, Wave 4, May 5–16, 2021 (n = 530); IDC European Multicloud Survey, 2020.

Hybrid Cloud 2.0 Starts at Home — The Datacenters

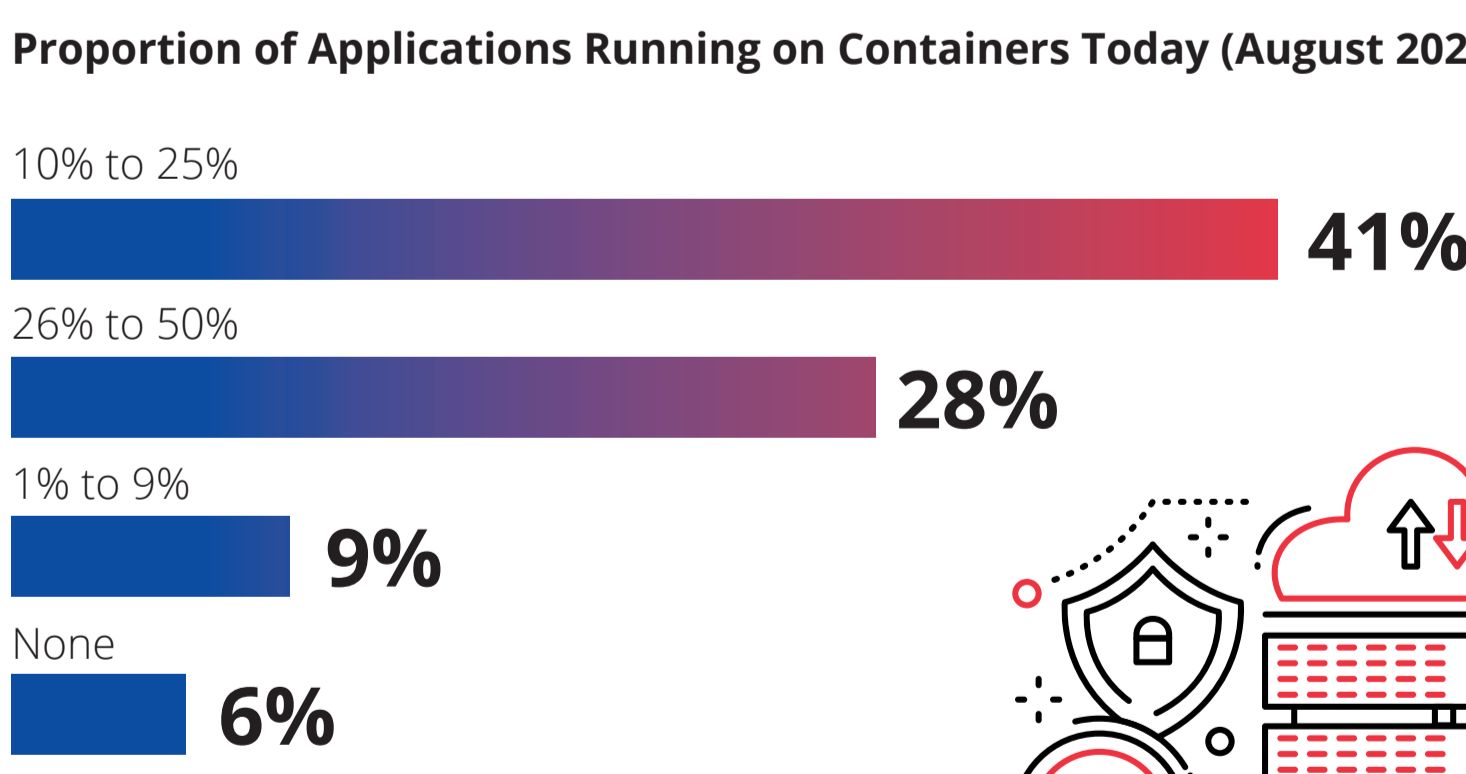
Accessing containers, agile infrastructure, and cloud experience on premises helps build resilient digital infrastructure and hybrid cloud operational models

More than 7 out of 10 European organizations

are already running more than 10% of their applications on containers

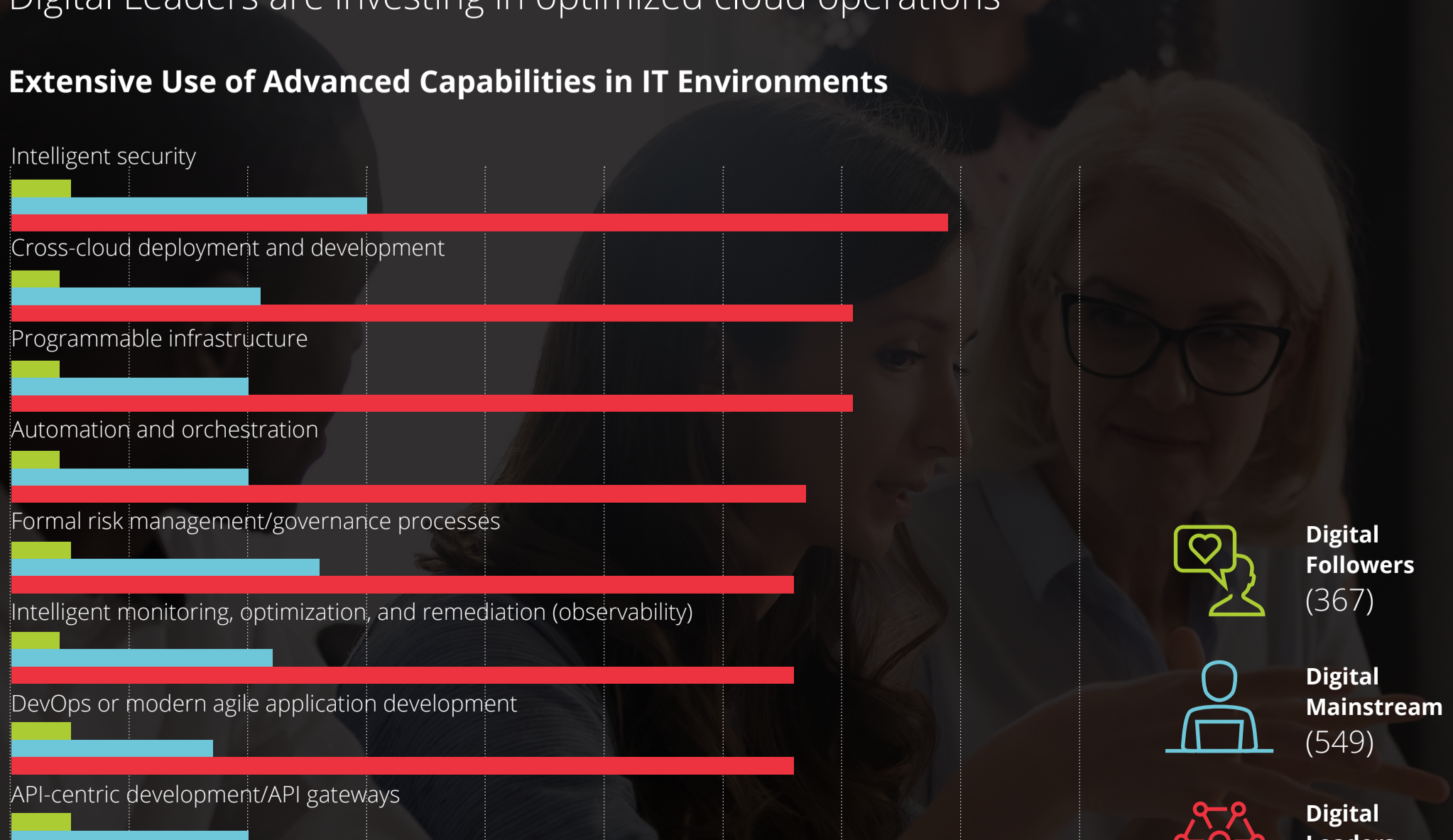


Proportion of Applications Running on Containers Today (August 2021)



Digital Leaders are investing in optimized cloud operations

Extensive Use of Advanced Capabilities in IT Environments



Cloud-like infrastructure, processes, and operations on premises + Integration with public cloud environments, through observability, consistency, and automation = Delivers a hybrid cloud 2.0 fit for continuous innovation and digital resilience

Source: IDC European Multicloud Survey, 2021; IDC European Multicloud Survey, 2020