

A landscape photograph featuring a paved road that leads towards a large, arid mountain. The sky is filled with dramatic, dark, layered clouds. The foreground is filled with tall grasses and some shrubs.

Multicloud 2.0

The what, the how and the why of Multicloud

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Multicloud 2.0

What is Multicloud 2.0?



Scarcity



Abundance

IDC Prediction

By 2023, **90%** of EURO 500 organizations will have a multicloud management strategy that includes integrated tools across public and private clouds.

2019 Reality Check

67%

Of European organizations use two or more clouds

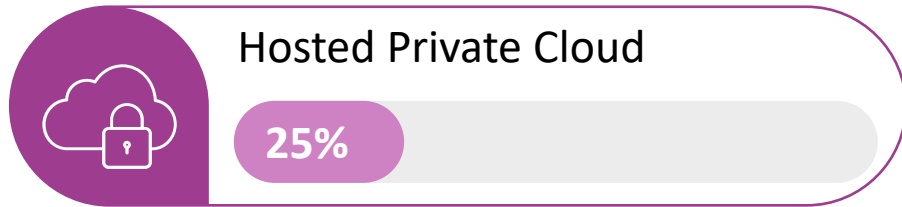
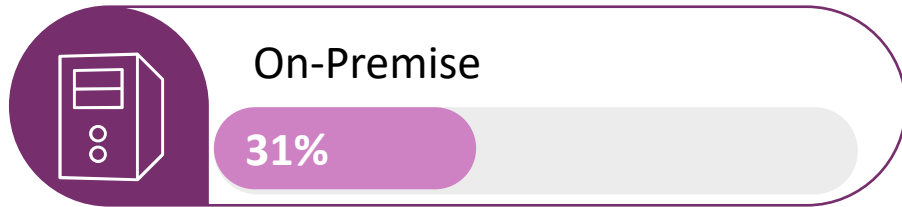
58%

Of Nordic organizations use two or more clouds

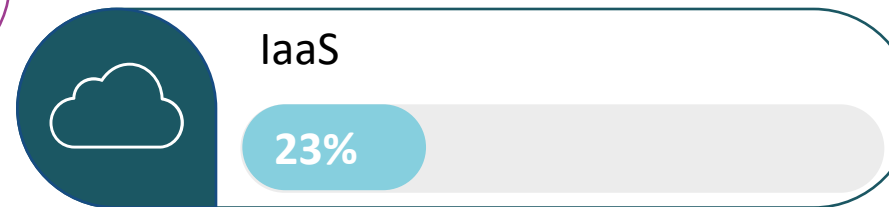
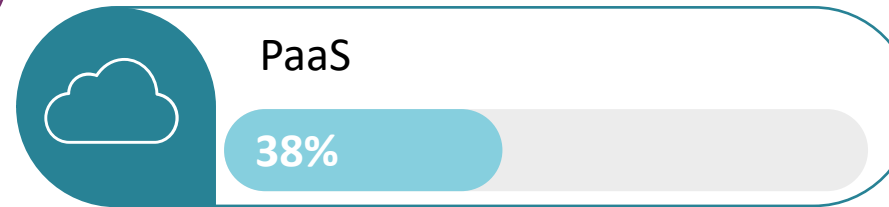
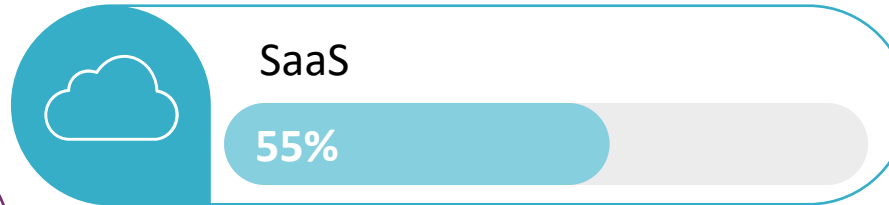
Is your organization operating a multicloud IT environment?

Cloud Adoption in the Nordics

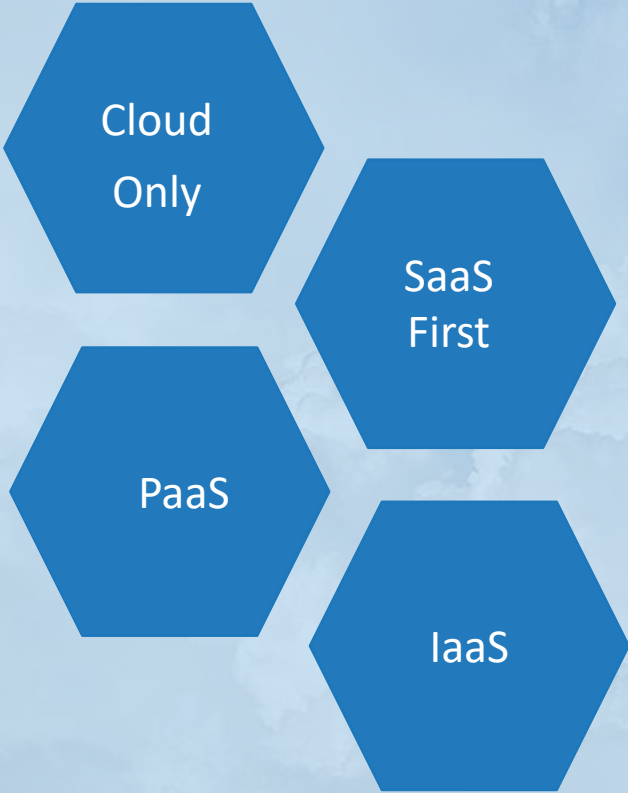
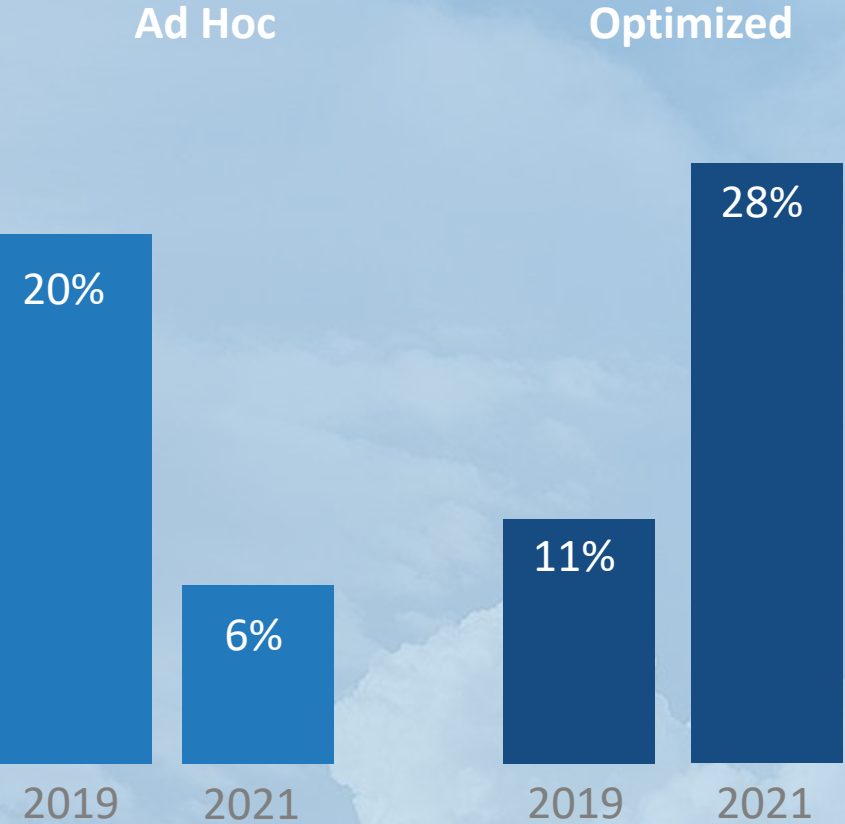
Private Cloud



Public Cloud



Cloud Maturity



M

ULTICLOUD

IaaS

- 2+ Cloud Services of the same type
- Central point of management
- IT is in control

PaaS

- Best of Breed portfolio of PaaS services
- Data mobility
- Security

SaaS

- Portfolio of SaaS services
- Identity and Access mgt

Multi Cloud is real



Virtual Machines on
one IaaS cloud

53%

01

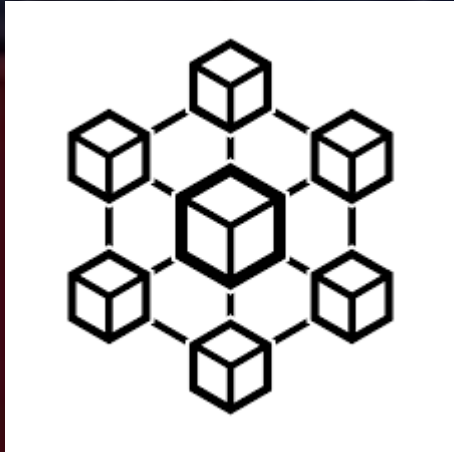
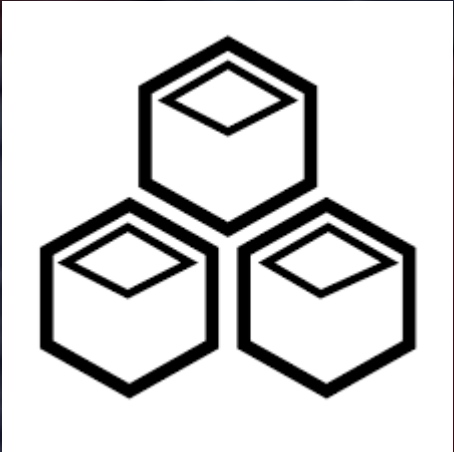
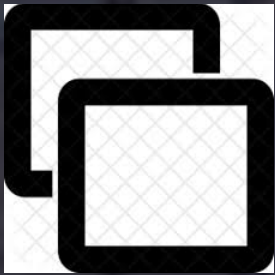
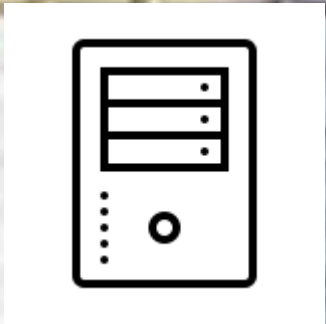
WAVE OF CLOUD ADOPTION

Containers on multiple
cloud platforms

53%

02

WAVE OF CLOUD ADOPTION



Scarcity Abundance

Multicloud Technology Stack

Governance and Policy Tools

- Software connecting Multicloud operations to IT service level reporting, data regulation policies, chargeback mechanisms, billing tools

Multicloud Automation

- GUI or Command Line Tools that automate deployment of aggregated resources based on templates, on and off premise

Multicloud Operations

- Solutions monitoring / improving performance, network and API connectivity, logging access and cost of cloud services in usage

VMs, containers and APIs

- Software that detaches applications from hardware and aggregate resources to API, infrastructure as code

Networking Foundation

- Infrastructure facility, pure hardware, into cloud connectivity, colocation

Multicloud 2.0

How to implement a multicloud strategy successfully?



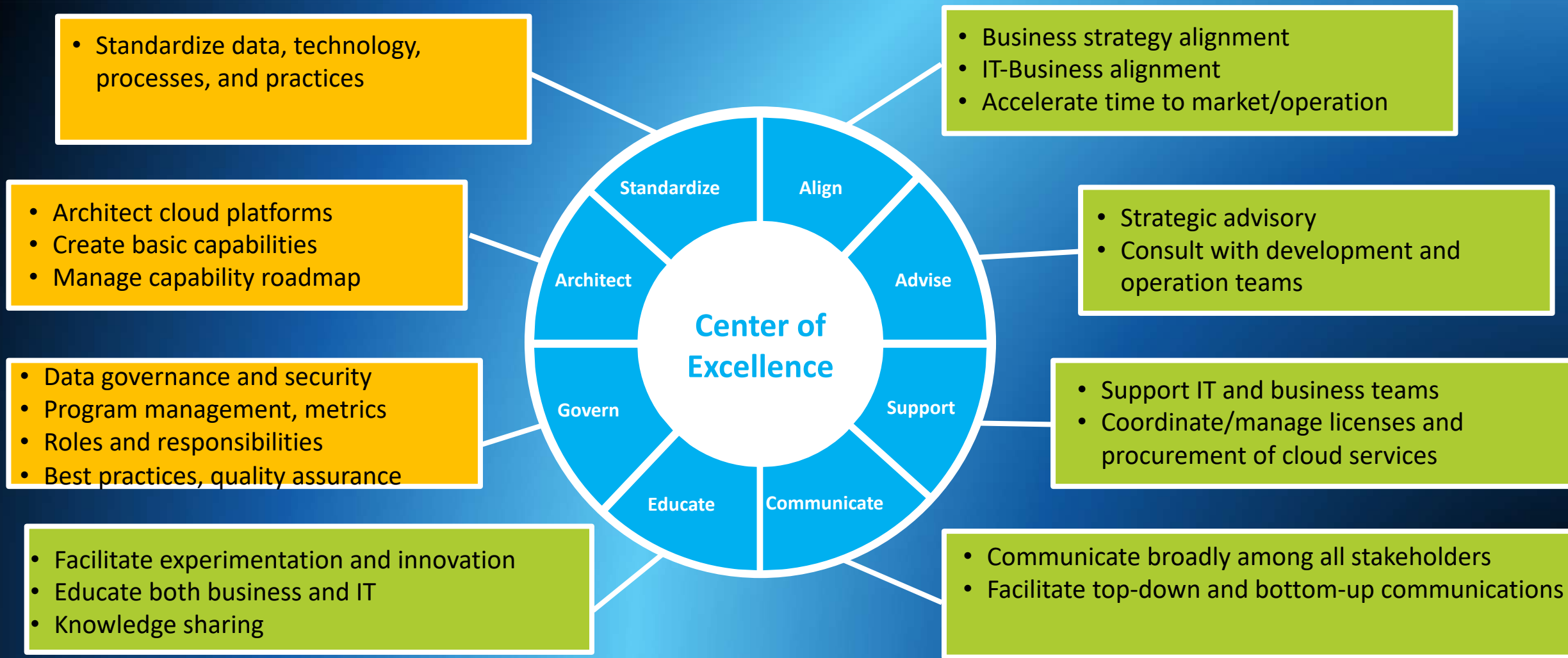
Leadership

Multicloud Strategy Dimensions

5 Multicloud Dimensions



CCOE's Responsibilities





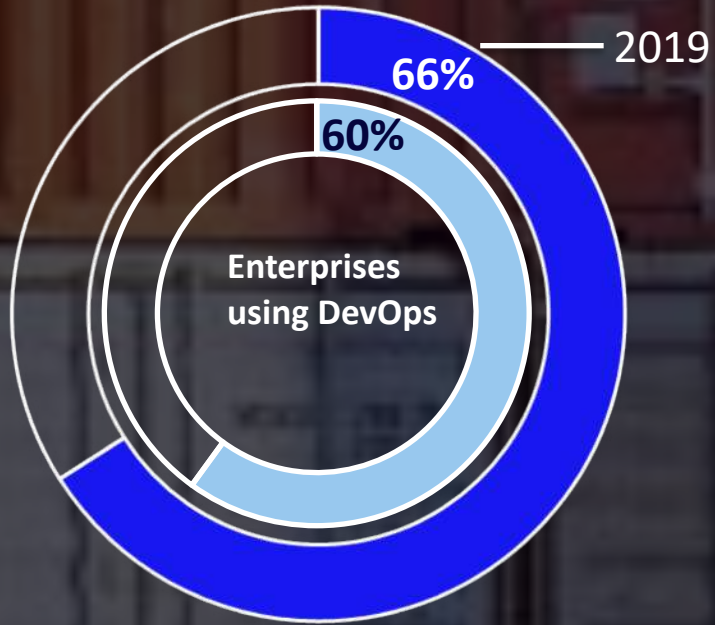
Multi Stakeholder Teams

The Digital Dream Team

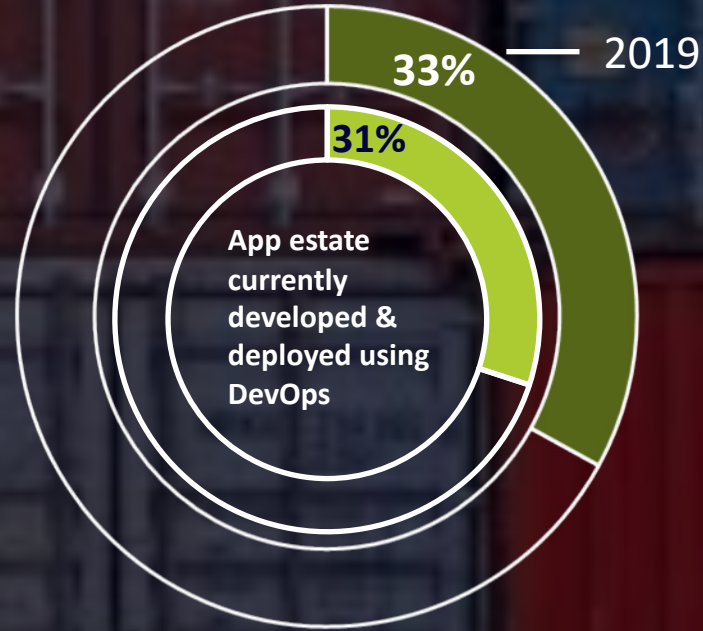


DevOps is Mainstream but Must Scale

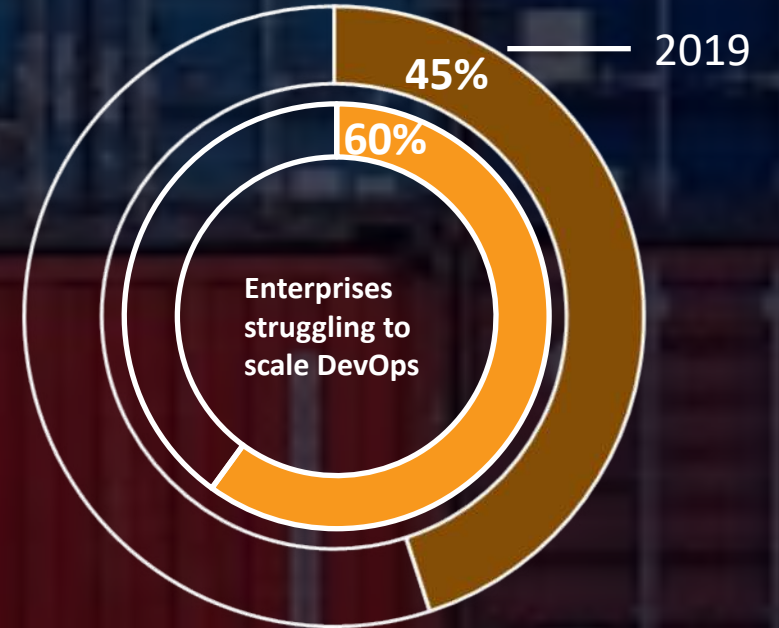
Adoption



Coverage



Scale



Multicloud 2.0

Why do organisations do Multicloud?



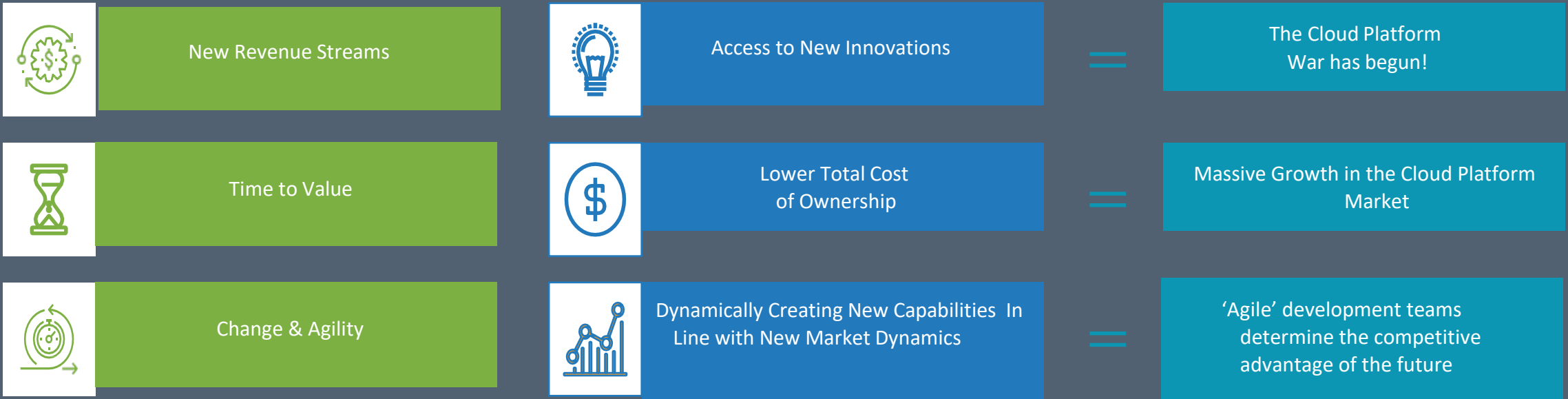
Customer Focus

Why you need a Multicloud Strategy

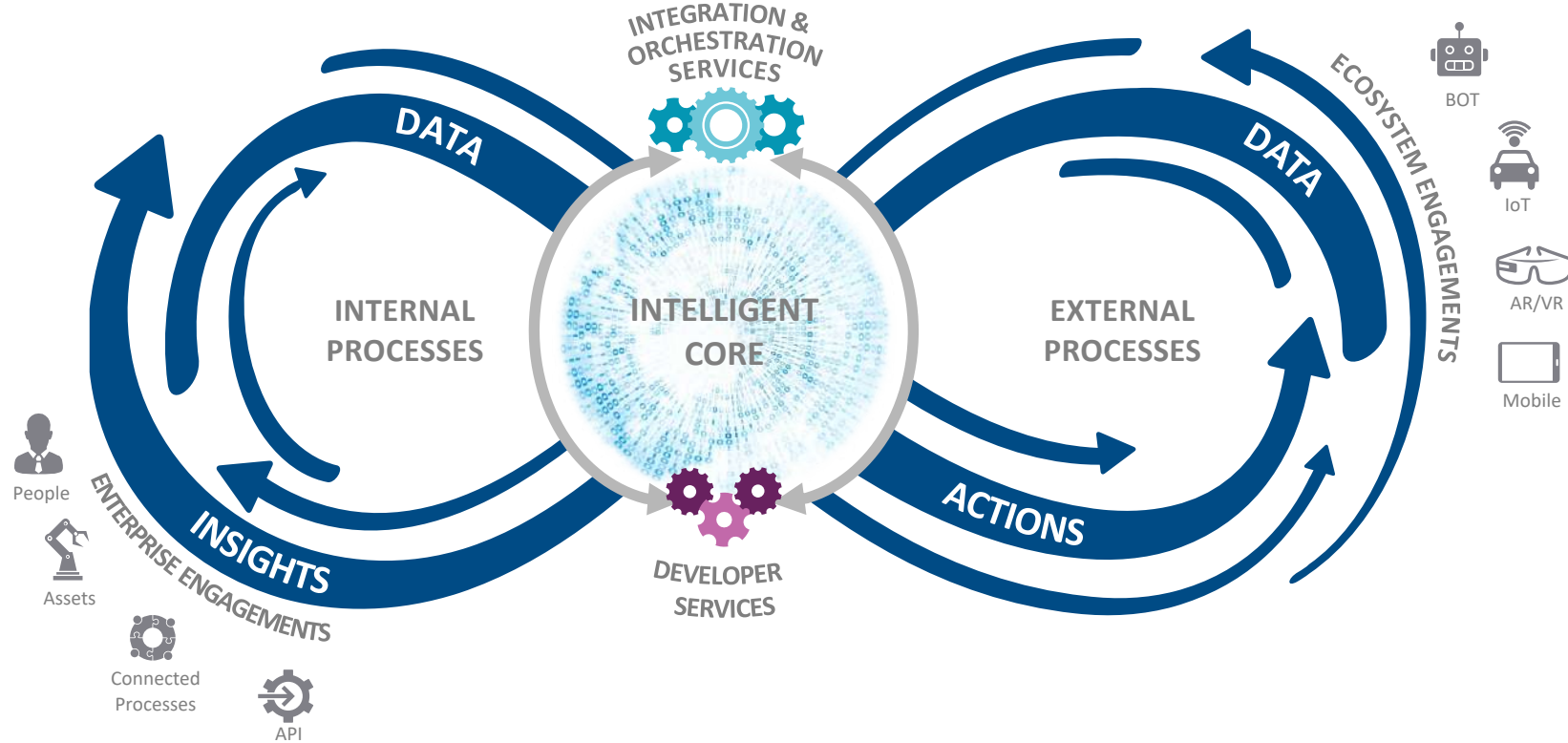
DX Driving New Tech Requirements

What Cloud Platforms Deliver

The Results?



The Digital Platform is built on Multi-Cloud



1 Cloud-based API strategies that **orchestrate** exchange of data across your ecosystem

2 Agile application architectures on PaaS using microservices and containers

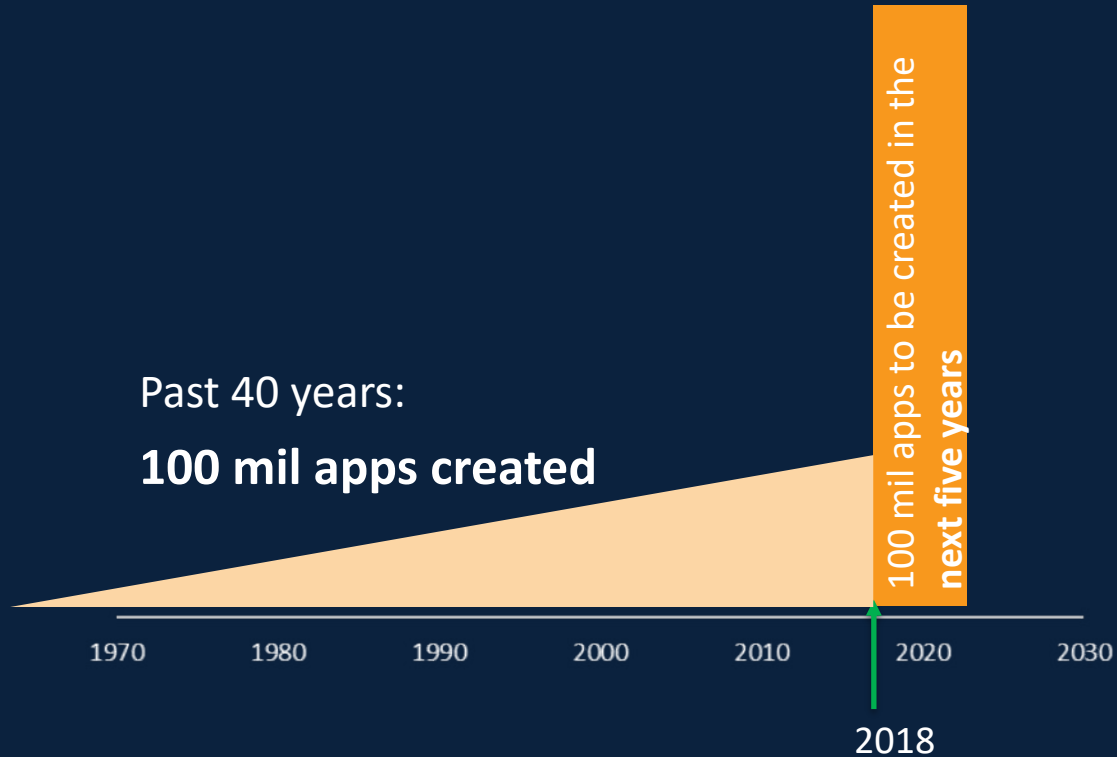
3 New customer experience technologies that fully support customer and ecosystem-facing business models

© IDC
4 Foundation for “digital trust” through identity, vulnerability, and threat management across all services

5 An intelligent core based on data management, cognitive, artificial intelligence, and machine learning

Next 5 years:
100 mil apps created

Past 40 years:
100 mil apps created



2021



By 2021, two thirds of new enterprise applications will be developed cloud native, based on a hyperagile architecture

Legacy modernization and Cloud-Native Applications

Cloud native dev of custom-built apps in the cloud

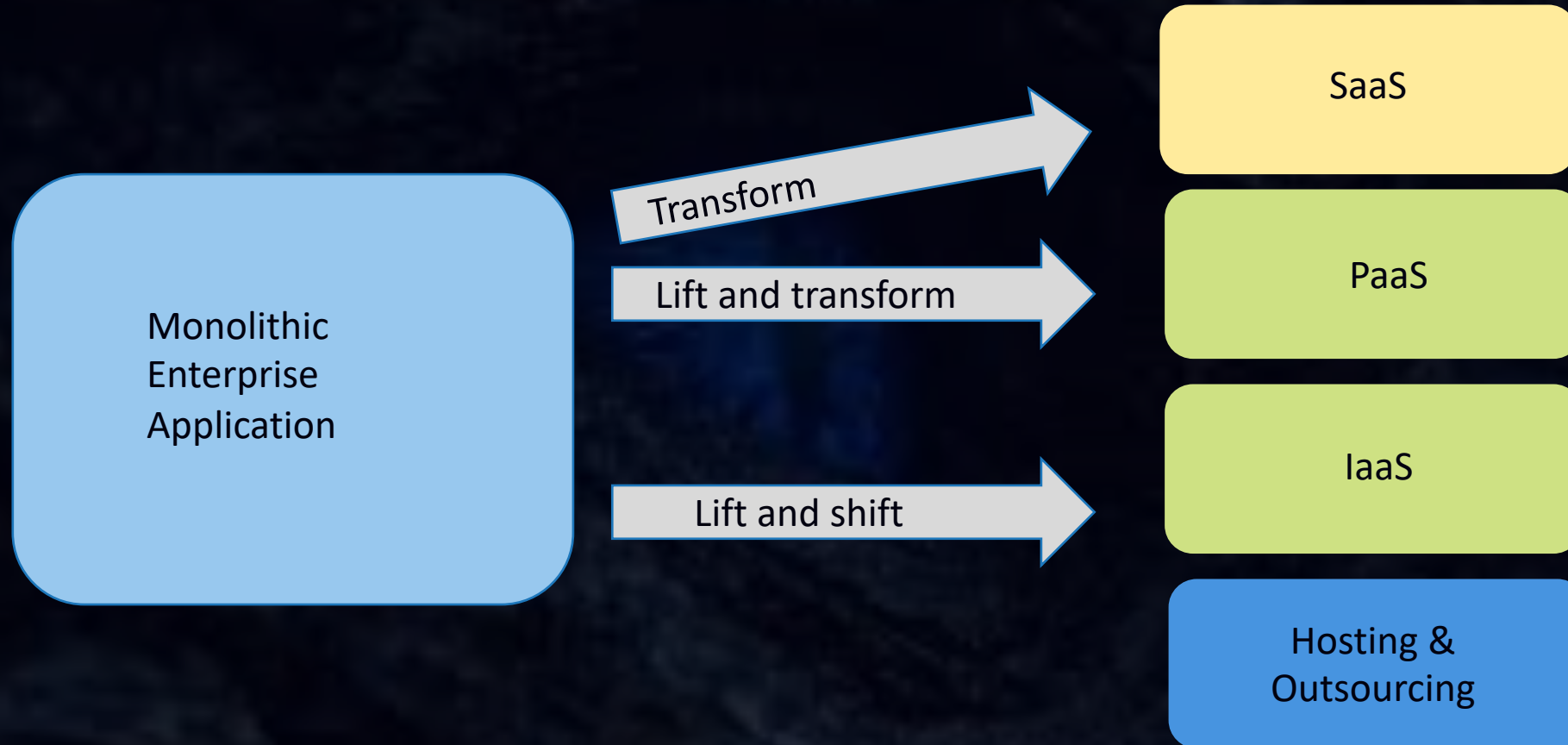
2019 2021

23% 36%

Production workloads running in a container environment

35% 46%

Transformation of the Core



How to navigate your multicloud journey

1

Tackle the chaos! Get an overview of the cloud services in use

2

Take control! Create a light-weight governance model to make deliberate cloud decisions

3

Innovate! Create a cloud operating model that enables you to take advantage of cloud-based innovation



The Sunset Sea

The Shivering Sea

WESTEROS

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Thank you!