



INTELLIGENT CLOUD OPERATIONS (ICON)

Flatten the transformation cost bubble

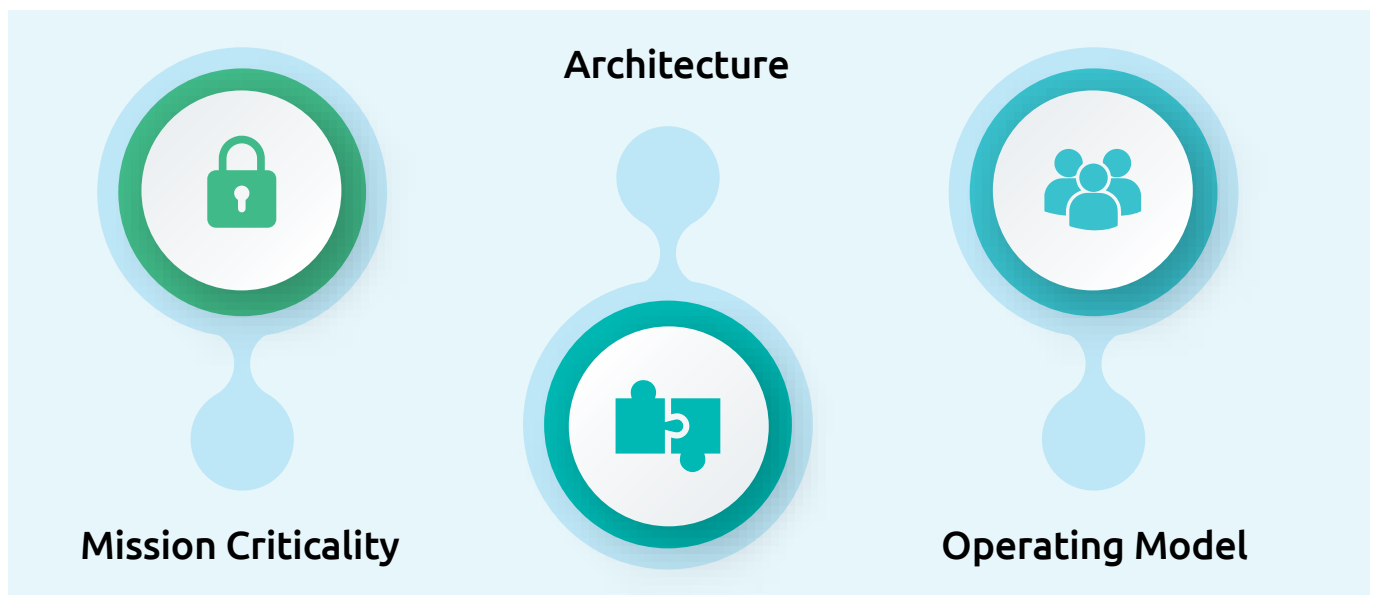
The agility and acceleration benefits offered by public cloud computing are undeniable. The inherent flexibility and control of having your data centre defined as code serves as the foundation for the modern Cloud Operating Model. This model delivers a revolution in agility upwards to the enterprise functions it serves, enabling an evergreen business to meet today's relentless demand for innovation and delivery velocity.

For many young businesses, this nirvana of Cloud Computing can be part of their DNA. On the other hand, for established enterprises, especially those with complex business models, challenging security environments or demanding performance profiles, digitalization is often accompanied by high costs and a large change impact. Capgemini's ICON tackles this head on, with technical accelerators and commercial modeling to flatten the bubble of transformation cost and disruption, and then accelerate the transformation enabled by cloud.

BUSINESS CHALLENGES

Digitalization of the Enterprise through Cloud Adoption commonly encounters three core challenges:

- **Mission Critical** workloads often operate in regulated environments because of their sensitivity and/or criticality. Many cloud providers don't offer sovereign clouds or security cleared operating models, and regard security features as components to be added and managed, rather than a fundamental 'always-on' capability
- The **Architecture** of many enterprise applications relies on established network technology which most clouds simply cannot support. This triggers significant application refactoring and technology transformation just to move the workload - an expensive cloud entry ticket
- Adopting a **Cloud Operating Model** is critical to success, a task made even more challenging by cloud technology diversification, for example when single-purpose databases proliferate, each with its own operational and tooling demand plus the need for data integration across the ecosystem



ICON TACKLES CLOUD ADOPTION BLOCKERS HEAD ON

Criticality

ICON addresses the common dimensions of Mission Criticality

- Service levels - Availability, Performance, Manageability
- Sensitivity - Security, Data Sovereignty, Compliance

ICON hosts workloads in Oracle Cloud Infrastructure (OCI) because it offers the broadest spectrum of hosting models in the cloud industry today. This is not about OCI's comprehensive global presence, but about the breadth of capability in public and sovereign clouds, the most comprehensive customer offerings in the market, private disconnected cloud computing for the most comprehensive capability in the most sensitive environments, as well as edge infrastructure.

ORACLE Cloud Infrastructure						
Public Cloud		Cloud Infrastructure			Isolated Cloud	
Public cloud	Government Regions	Exadata Cloud @ Customer+ Private Cloud @Customer	Dedicated Region Cloud @Customer	National Security Regions	Exadata + Private Cloud Appliance	Roving Edge Infrastructure
Internet-connected	Internet-connected	Internet-connected	Internet-connected	Disconnected/Isolated	Internet-connected	Customer Network
Multi-tenant	Multi-tenant	Single-tenant, or customer. controlled multi-tenant	Single-tenant, or customer. controlled multi-tenant	Single-tenant, or customer. controlled multi-tenant	Single-tenant, or customer. controlled multi-tenant	Single-tenant
Commercial or Government	Government	Commercial or Government	Commercial or Government	Government / Defence/Intel	Commercial or Government	Government
Standard industry certifications	FedRAMP High JAB accredited.	Customer Defined	Customer Defined	Customer Defined, Impact Level 5 for US DoD.	Customer Defined	Specific government certifications
Shared ops teams	Ops teams that meet certain gov requirements	Shared ops teams	Shared ops teams	Dedicated ops teams with clearance by customer	Customer team (supplemented by SI/ACS)	Ops teams that meet certain gov requirements
Highly secure software delivery, GDPR for Europe FedRAMP High JAB for US	Highly secure software delivery, GDPR for Europe & G-Cloud, Cyber Essentials Plus, UK Cloud Security Principles, FedRAMP High JAB for US	Highly secure software delivery, GDPR for Europe, FedRAMP High JAB for US	Highly secure software delivery, GDPR for EU, FedRAMP High JAB for US	Customer pre-approved highly secure software delivery process,	Customer pre-approved highly secure software delivery	Highly secure software delivery, that meets gov requirements

Architecture

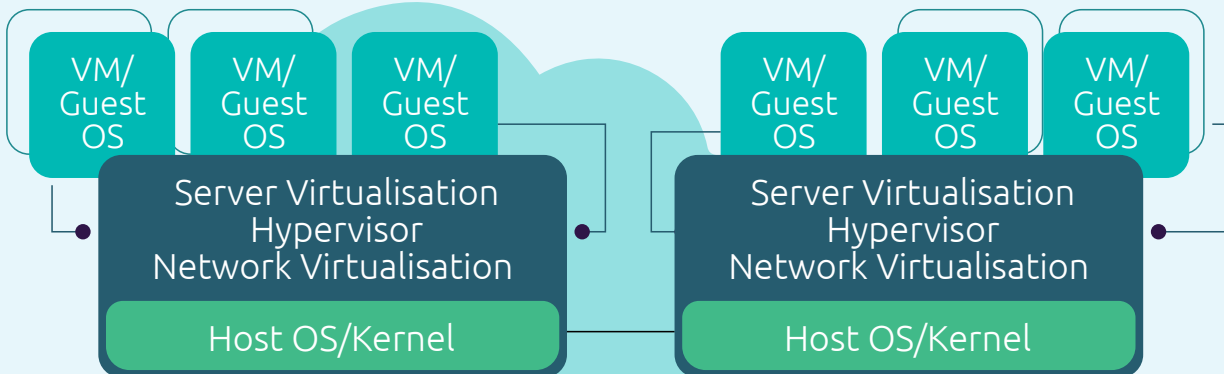
Many legacy and mission critical workloads have complex and monolithic architectures which won't scale out horizontally. OCI offers everything from tiny Virtual Machines (VMs) to extreme performance Bare Metal, plus flexible compute shapes, avoiding T-shirt sizing of estates to match desired performance.

OCI is the only public cloud which provides layer-2 networking, a fundamental requirement for VMware, Oracle RAC and many network appliances. This means that with ICON and OCI, you can take your VMware service to cloud, instead of taking your VMs to someone else's VMware service. It means you can take your established RAC

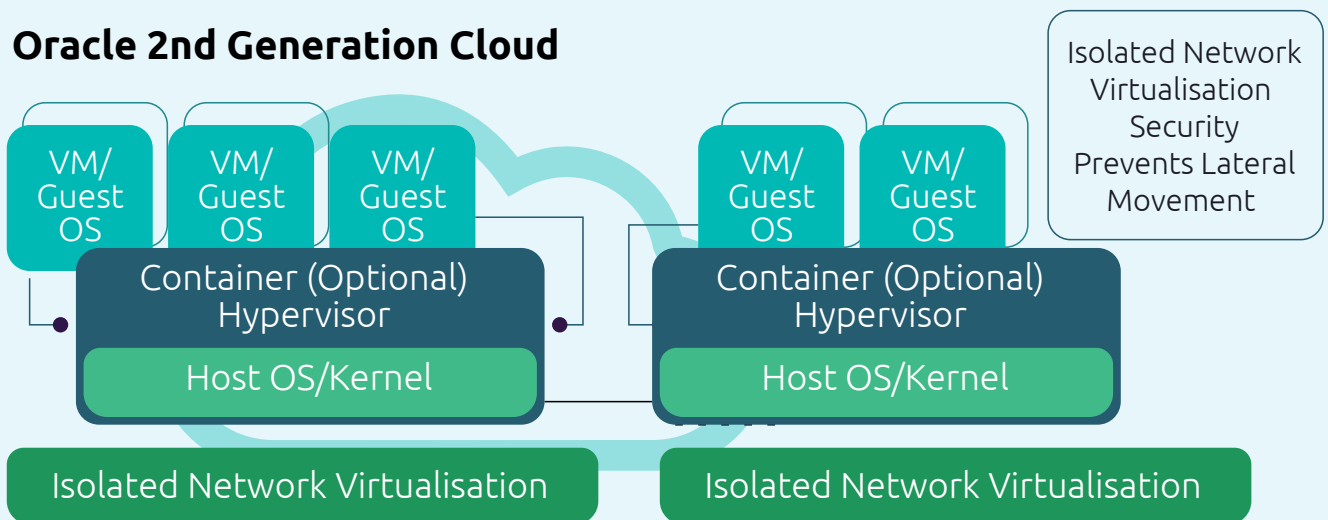
databases to cloud and run them as PaaS. No other cloud offers this degree of control and servitization.

OCI's fundamentally different approach to architecture is underpinned by the engineering principle of Off-box Virtualisation which isolates the cloud control computers from the hosts running customer workloads. This 2nd Generation Cloud approach is fundamentally different to the 1st Generation approach of other clouds. It provides a consistent management and control plane across diverse host types, and because hosts cannot communicate directly, it provides an inherently more secure architecture.

1st Generation Cloud



Oracle 2nd Generation Cloud

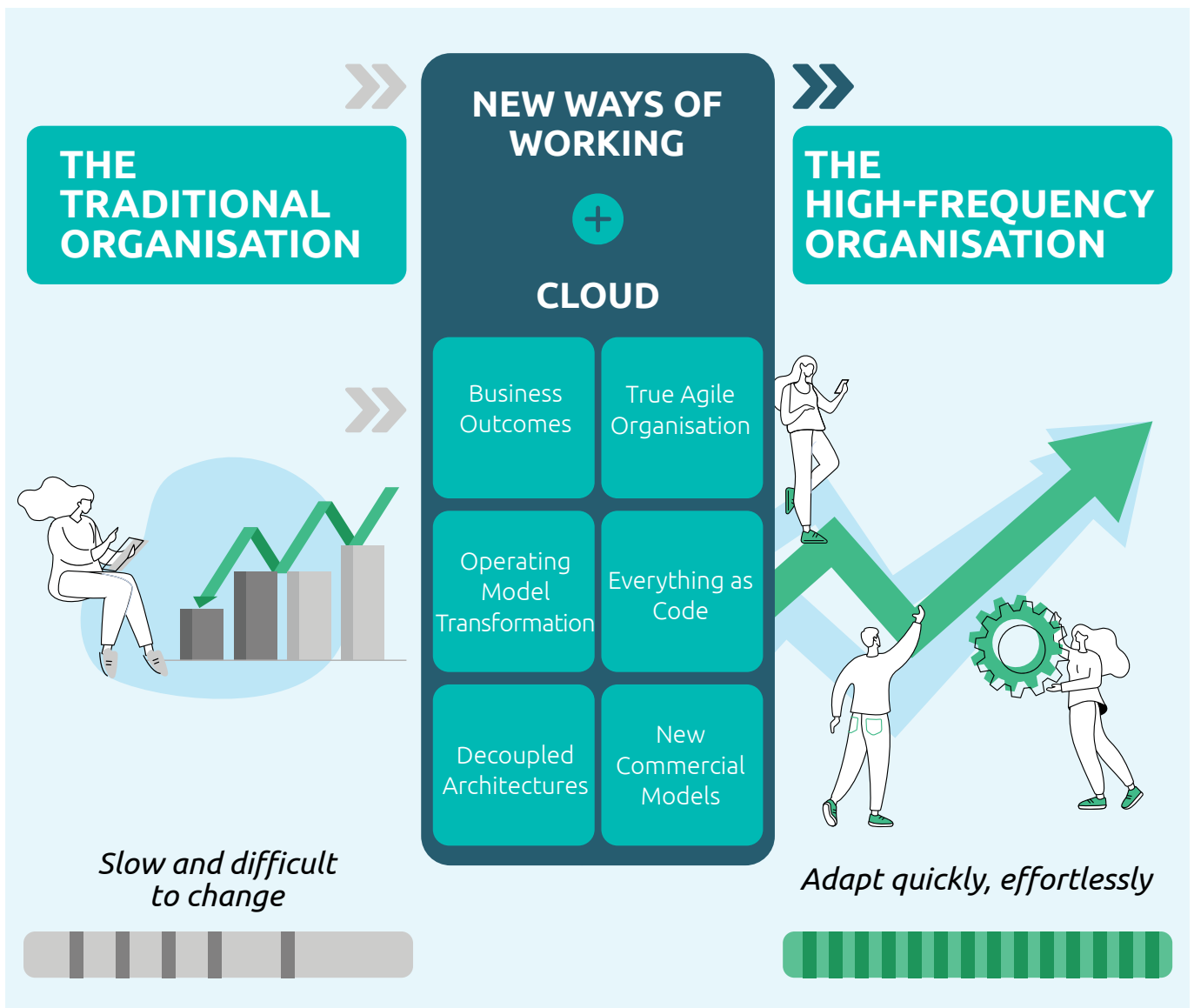


Operating Model

Capgemini has seen a radical shift in thinking in the last 5 years about how IT should enable business, and how the two are deeply connected. With the maturing of technologies like Digital Assistants, Artificial Intelligence, Augmented Reality and IoT, and the arrival of 5G, the case for digital transformation has never been so compelling.

The concepts of connected IT and intelligent business are leading to new product-based operating models that align IT and business together, creating business focused domains of IT that are much more change responsive and focus on outcomes and value rather than "keeping the lights on"

Coupled with the innovation and agility that cloud enables, we see the emergence of a new type of organization, the "High Frequency Organisation" which benefits from a paradigm shift in value, productivity, and efficiency.

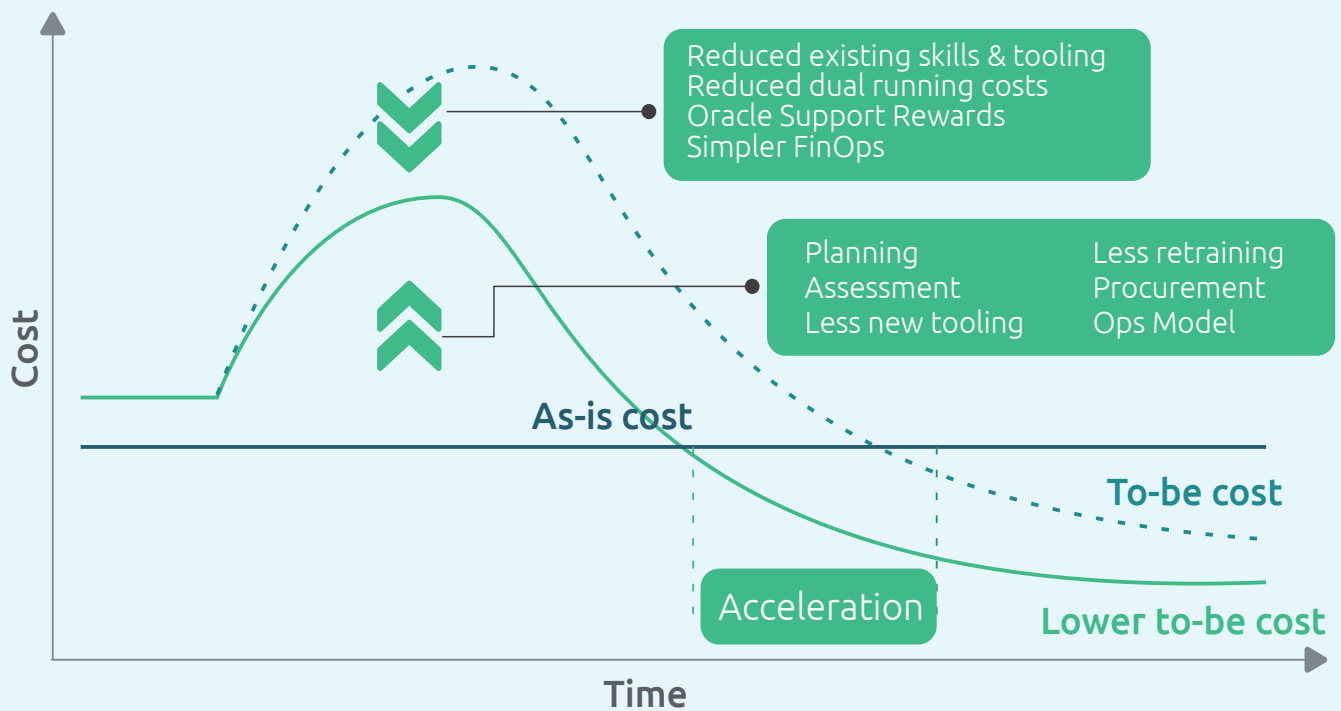


Flatten the Bubble & Accelerate the Value

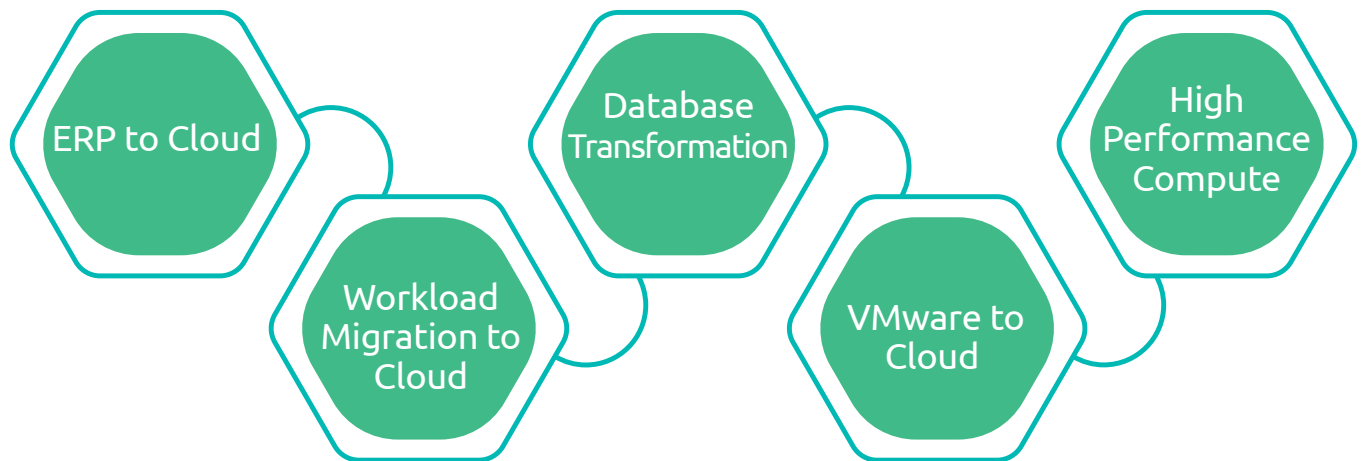
ICON unites OCI's technical and commercial differentiators with the Capgemini's accelerators, expertise and multicloud capability to effectively flatten the cloud transformation bubble of cost and disruption. Our Cloud Centers of Excellence help customers in diverse sectors build business cases for transformation to hybrid, single and multi-cloud digitalization. Our delivery teams draw on over 11,000 Oracle consultants worldwide to execute on our customers' strategies.

ICON FLATTENS THE CLOUD TRANSFORMATION COST BUBBLE

ICON maximizes the use of your existing investment and skills, reduces nugatory transformation effort, reduces dual running costs and migrates you faster to accelerate digital transformation.



ICON - use case examples



Agile Innovation Platform

ICON is complemented by Capgemini's Agile Innovation Platform Offer which builds on the ICON foundation to deliver innovations in Cloud-native Computing, Microservices Development, API management, Digital Integration Hub, iPaaS and Apps Modernisation.

To ensure a seamless cloud adoption with Capgemini's ICON for your enterprise, please connect with us today.



Tawana Dyer
tawana.dyer@capgemini.com



Tushar Nimgade
tushar.nimgade@capgemini.com



Chris Hollies
chris.hollies@capgemini.com



Frank Crusing
frank.crusing@capgemini.com



About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 340,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering, and platforms. The Group reported in 2022 global revenues of €18 billion.

Get the Future You Want | www.capgemini.com