

# Accelerate your time to market

## Shift from infrastructure to services



**Agility is paramount in today's fast-moving digital economy. Enterprises demand the fast provisioning of applications to meet targets and speed up time to market. Cloud can provide these resources in a fast, flexible and efficient way, and our multicloud management service allows you to select the clouds that best serve your needs.**

Traditional infrastructures are rigid and unwieldy, making it almost impossible for them to meet modern business needs. Cloud infrastructure-as-a-service, however, provides the scope and elasticity needed by enterprises to move quickly and easily. It also enables digital transformation and can reduce IT infrastructure total cost of ownership (TCO).

The last thing a CIO wants to worry about is whether an enterprise's infrastructure can keep up with business demands and innovation projects. Infrastructure-as-a-service (IaaS) provides a very effective answer. It is scalable, agile and flexible, which helps speed up time to market, providing easy access to key computing requirements. Nevertheless, most legacy applications must be re-architected or re-platformed to take advantage of the scalability of IaaS.

IaaS represents a new consumption model for IT resources. With IaaS, IT services can be delivered via a subscription model, instead of installing them internally, eliminating up-front costs and reducing support spend.

# \$150.7bn

**Infrastructure-as-a-Service market is expected to hit \$150.7 billion by 2023<sup>1</sup>**

In the past few years, cloud providers have developed value added services such as database-as-a-service (DbaaS) together with analytics, cognitive and machine learning services (MLaaS). Enterprises should focus on consuming these value added services directly. They are natively scalable and resilient as opposed to raw infrastructure services, but with so much choice it is easy to end up with a patchwork of cloud solutions that can actually undermine your business goals. Complexity is one of the reasons enterprises are increasingly turning to a managed-IaaS multicloud solution.

### The key features of our managed IaaS include:



**Rapid deployment**



**Move from a CAPEX to an OPEX model**



**Predictable uptime**



**Scalability**



**Services available self-service, on-demand**



**Delivery on subscription basis**

Here at Orange Business Services we believe that the focus needs to be on the applications and services that cloud delivers, rather than the IaaS itself. We offer you the capability to outsource your applications via an a la carte solution designed to match your specific business IT requirements from a fully-managed IaaS, irrespective of the cloud provider.

Our Managed Applications services are available on Orange IaaS, Amazon Web Services or Microsoft Azure. So you have the choice of selecting your existing cloud platform or moving to multicloud management. Based on your business requirements you can choose the location of your data, as we have data centers around the globe.

Our global team of experts, with extensive experience in cloud architecture, design, migration, application testing and optimization can ensure that your cloud migration is as smooth as possible.



## Business Services

## Multicloud is the norm

IDC estimates that 9 out of 10 enterprises will have some part of their infrastructure or applications in the cloud this year, with the rest following by 2021<sup>2</sup>.

Multicloud architecture is becoming the chosen route for enterprises looking to leverage the power of several clouds to avoid vendor lock-in, choose the best available platform for workflow/development projects and minimize risk. On average our customers use between four and five clouds, which is typical worldwide.

**Over 90%**  
of enterprises will use multiple cloud services and platforms by 2020<sup>3</sup>

Transitioning an IT infrastructure to cloud is not as simple as it sounds. With multicloud, for example, you need the cloud profile, skills and competencies to deal with each cloud provider and track any changes or innovations.

With Orange Business Services you are free to choose the IaaS you want to work with. We can manage as much or as little as you want us to on your behalf. We take time to understand your business model and roadmap to ensure your enterprise gets the optimized cloud experience it needs to improve efficiencies, productivity and processes.

## Ensuring cloud infrastructure security

A robust security strategy is critical. When you open up a virtual machine to the internet, the average time before it is attacked is a matter of a few minutes. Orange Cloud is strongly secured by design. We leverage Orange Cyberdefense to ensure we are using the right levels of security for your business and follow the recommendations of cloud providers. We offer an encryption service if required. Our Cyber Security Operations Center (CyberSOC) detects cyberattacks and fraud attempts to fight against cybercrime.

## Multicloud complexities

The complexities associated with multicloud are a major challenge. It is essential to have end-to-end visibility across cloud resources to monitor and manage the services, and ensure provisioning is optimized. Multicloud requires that you manage contracts from multiple suppliers, use strong governance in creating service catalogs and have a single portal to manage the multi-cloud estate. A multicloud management service provider can take over this operations management on your behalf, so that your IT teams can concentrate their efforts on pushing the business forward.



## Five steps to multicloud with Orange Business Services

Follow these five steps to take a structured approach to multicloud adoption and management – be it at the beginning of your cloud journey or en route.

- 1 Assess your current IT legacy system with discovery tools that give a comprehensive view of the apps, flow etc.** This will help define your cloud trajectory and build a migration roadmap. It may also help you to select a suitable cloud. If you have several Microsoft licenses, for example, it may be practical to run with Azure. With the roadmap complete, we migrate the apps from the enterprise data center to the cloud.  
  
If you already have applications running in different clouds and want Orange Business Services to manage them, we assess the architecture by running our monitoring tools on top. We check application construction, what they do and then commit to running them.
- 2 Implementing a multicloud strategy requires clarity on workloads and individual user needs to use the best services for mission critical applications, high volume workloads etc.** We can help you map your workloads to make the most efficient use of your infrastructure and applications – ensuring you have scalability and performance for future needs.
- 3 The real benefits of cloud comes from building and deploying cloud native applications that leverage automated cloud services proposed by the providers.** We support this transformation by integrating your CI/CD chain in the cloud ecosystem and setting up a DevOps factory that matches your processes. We can also help in the scripting and automation of your cloud services.
- 4 Governance mechanisms must be in place from the beginning.** This should cover data governance, privacy and security. We work in close collaboration with Orange Cyberdefense, applying vulnerability scans, distributed denial of service (DDoS) protection and so forth.
- 5 Avoid patchwork, ad hoc cloud adoption. This isn't sustainable in terms of security, cost and operational efficiencies.** You must have a comprehensive cloud strategy based on what works for your unique business requirements. There is no one-size-fits all to cloud adoption.

**Find out more about how Orange Business Services can help you access unmatched flexibility by adopting cloud services [click here.](#)**



**Business  
Services**

2. IDG Communications Cloud Computing Survey 2018 3. IDC Futurescape Worldwide Cloud Predictions 2018

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