



# Azure Business Solutions

Improve your business efficiency with Microsoft Azure Arc

## Hybridation as a service



# Key concerns to ask before starting

## Studies and customers tensions



“How to **govern and operate** across disparate existing environments ?”



“I need tooling that allows me to **manage the assess stage** for a VM / workloads migration to Azure”

“How to **ensure security** across the entire organization ?”



“How to best enable **innovation and developer agility** with a unique tool ?”



“How to meet **regulatory requirements** and overcome technical hurdles ?”



More than **93 %** of enterprises have a multi-cloud strategy with 82% embracing a hybrid cloud strategy

Source : [Flexera](#)



Over **90 %** of companies of organizations will adopt Hybrid Infrastructure Management because of the traditional DCO market which is shrinking, according to Gartner's forecast data

Source : [Gartner](#)

# The triggers and motivators for customers

## Common uses cases to switch to Azure ARC

### Heterogeneous infrastructure



- Data centers
- Hosters
- Branch offices
- OEM hardware
- IoT devices
- Edge Computing

### Hybrid & Multicloud



### Apps management & deployment



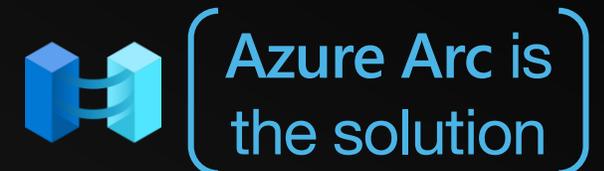
- VMs
- Databases
- Containers
- Serverless



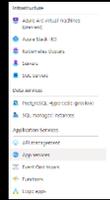
### Workflow management



- Monitoring
- Coherence between WF
- Unity of heterogeneous WF



# Several pillars, several needs but one service provider



## Infrastructure

### Azure Stack HCI

Modern Subscription for flexible, familiar, hyperconverged infrastructure and managed HCI

### Arc Enabled Kubernetes

Connect, manage, and operate Kubernetes clusters and applications running anywhere using Azure Arc

### Arc Enabled Servers

Bring on-premises and multi-cloud servers to Azure

### Arc Enabled SQL servers

Extends Azure services to SQL Server instances hosted outside of Azure

### Azure VMware Services

Export your VMware infrastructure easily in Azure, setup a Disaster Recovery Plan or extend your datacenter in no time



## Business Services

## Data Services



Postgre's SQL hyperscale

### SQL managed instances

Manage your instances of SQL Server from Azure with SQL Server on Azure Arc-enabled servers

### Data, IOT and Machine Learning

Improve your data value proposition with native state-of-the-art Azure services and ease the deployment with Azure ARC

## ARC discovery

### The journey

- Azure ARC potential according to your business
- Assessments and workshops
- Customer needs | expected benefits
- Security & Compliance
- Modernization (App & Data)
- The mantra : ease and accelerate your migration to a public cloud and capture all the benefit with innovative services

## Applications Services



Azure Logic APP



Azure Functions



Event Grid topics



App services



API management

# What to expect from Azure ARC ?

## The 7 benefits to consider

**#1** Entreprises can **manage their public cloud resources** running within and outside of Microsoft Azure **through the same centralized, cloud-native management interface**



### #2 Security

**Universal governance** anywhere through Azure Policy | **leverage compliance and security** capabilities of Azure Security Center for all cloud resources, within Azure and external, that are registered with Azure Arc | **Patching, policies, tags** and more can be automatically rolled out to all Virtual Machines

### #4 Simplicity

Use of **Infra as Code** and all of its benefits, role-based access control (RBAC), policies and tagging for VMs outside of Azure, as well as universal governance of resources through Azure Policy

### #6 Container

**Build of containerized apps** using whatever tools they prefer with Azure Arc, and deploy, configure and manage them with GitOps

### #3 Monitoring

**Advanced monitoring** and insights of Azure Monitor for all cloud-based resources registered with Azure Arc, whether they're in Azure or not

### #5 Cloud Native

**Run cloud-native**, modernized applications packaged and deployed in containers as micro services running in VMs or Kubernetes clusters registered in Azure Arc | **Manage Kubernetes apps** across environments using DevOps techniques

### #7 Scalability

Run Azure data services across environments, **leveraging elastic scale based** on capacity with the ability to deploy and adjust in seconds, and consolidate billing for on-premises workloads to further **optimize your ongoing costs**

# Azure ARC journey

## End to end approach by Orange

#1

### Business | Audit Strategy | Assessment



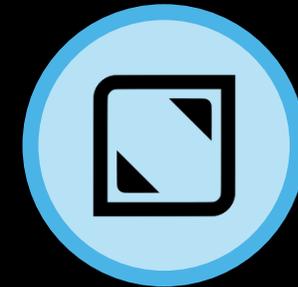
- Azure ARC potential according to your business, needs and expected benefits
- Maturity analysis vs internal strategy regarding the cloud via audit and workshops

### Project management Build | Implementation



- To do list, roadmap and services required by the project
- End to end project management by Orange Cloud for Business
- Implementation and build of the solution

### Modernization



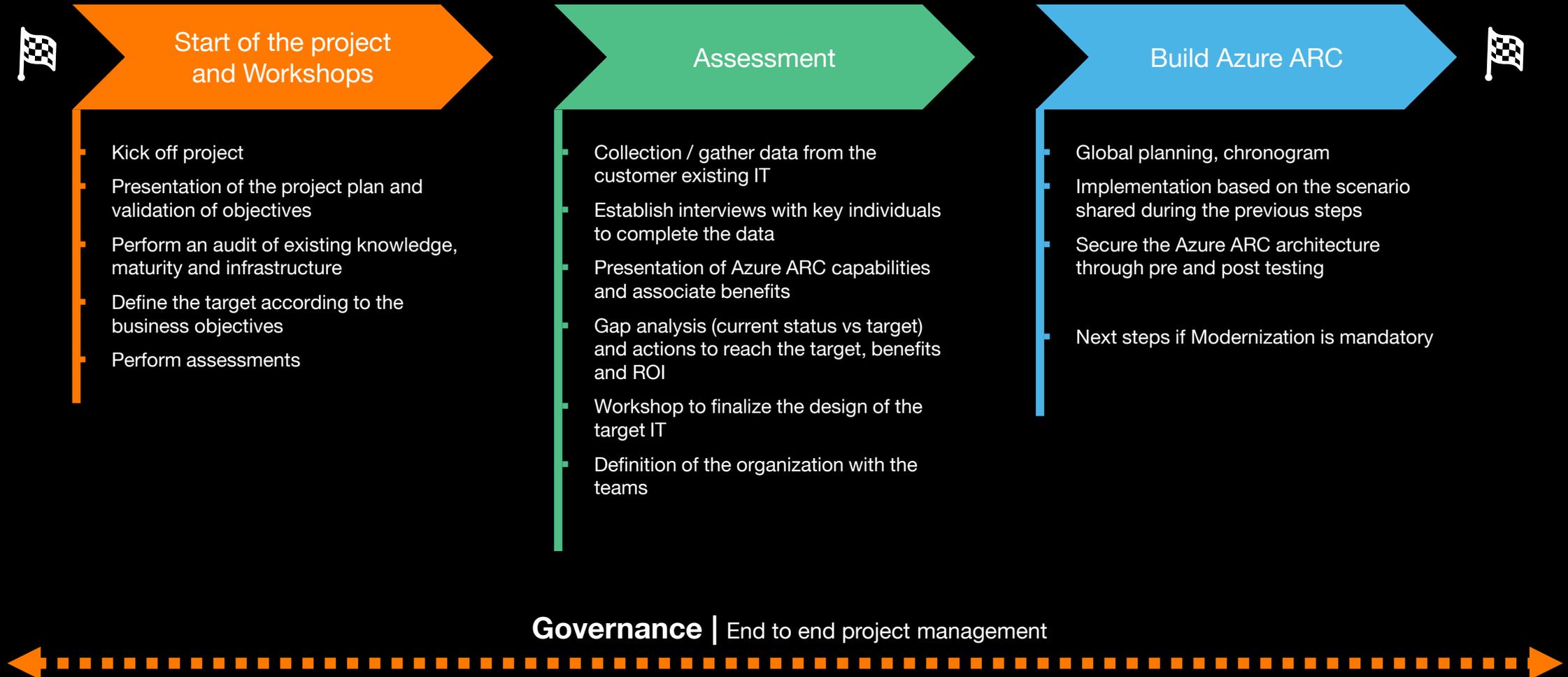
- Ease of modernization, applications and data
- HCI management
- Introduction and BLEU approach

Security & Compliance

# Azure ARC journey

#2

## The detailed methodological approach



# The benefits for customers

## Azure Arc by Orange Business Services



**Self-service management**, Orange Business Services helps you to provision optimal resources for your cloud environment rather than having a set of resources delivered.

With Azure Arc, we can manage your resource usage to reduce costs and start your **Cloud cost management**

We deliver **automated cloud management policies** and tasks to help utilize resources using automatic orchestration

One roof, one team, we offer a **large range of skills** on Azure ARC, Data, application, security in order to ease your modernization and accelerate your innovation.

Be prepared to migrate your **VMware infrastructure** and start your journey to **Bleu**

**Stay focused on your business**

**Be supported whatever the environments, project, complexity or scope by trained teams with skills and competencies**

**Be sure to get benefit from economies of scale, lower individual usage costs, and centralize infrastructure costs while extending and improving current governance capabilities**



# Thanks

**For more information**

[cloud.orange-business.com](https://cloud.orange-business.com)

**Follow the guide**

[ocbprofessional.services@orange.com](mailto:ocbprofessional.services@orange.com)

**Business  
Services**

