


AZURE LANDING ZONE SERVICE

Presentation Deck - 2023




BROAD AZURE MARKET EXPERIENCE


OUTCOME BASED SERVICES | CO-CREATION | SKILLS AUGMENTATION | RESOURCE ON DEMAND



Enterprise Azure Landing Zones
Automated Developer onboarding
Cloud Engineering



AzureStack
Migration to Azure vmWare
Azure Well Architected Review



Azure Engineering
DevOps Enablement
Multiple Projects



Azure Landing Zones
Next Gen Firewalls in Azure
Micro Segmentation



Application Migration Assessment
Azure Landing Zone Build
Image Lifecycle Management




Azure Landing Zone
Cloud Migration
Ongoing Support




Azure Landing Zone
CI/CD Pipeline integration with
Managed Services
Configuration Factory



Azure Landing Zone
Management Tooling
CCoE Discussions




Azure FinOps
Azure Subscription management
Secure Azure Landing Zone




Azurestack Deployment
AWS to Azure Migration
Containers PS



Azure Landing Zone
Application Migration Assessment
Digital Health Care Record



Azure Landing Zone
Cloud Migration
Ongoing support



- Multi-cloud
- Automation
- Security
- App modernisation
- Cloud native platforms
- DevSecOps
- Devops toolchain
- CCOE
- FinOps
- Observability
- Cloud migrations
- Landing zones
- Cost optimisation
- CCOE augmentation
- Resource on demand



MICROSOFT ADVANCED SOLUTION PARTNER



Gold Cloud Platform
 Gold Datacenter
 Gold Cloud Productivity
 Gold Enterprise Mobility Management
 Gold Windows and Devices



Advanced Specialization Partner for:
 Windows Server and SQL Server
 Migration to Microsoft Azure



Cloud Adoption Framework for Azure
 CAF Ready Partner



Infrastructure
 Azure



Data & AI
 Azure



Modern Work



Microsoft Cloud



Digital & App Innovation
 Azure



Business Applications



Security

Specialist
 Infra and Database Migration

Specialist
 Infra and Database Migration

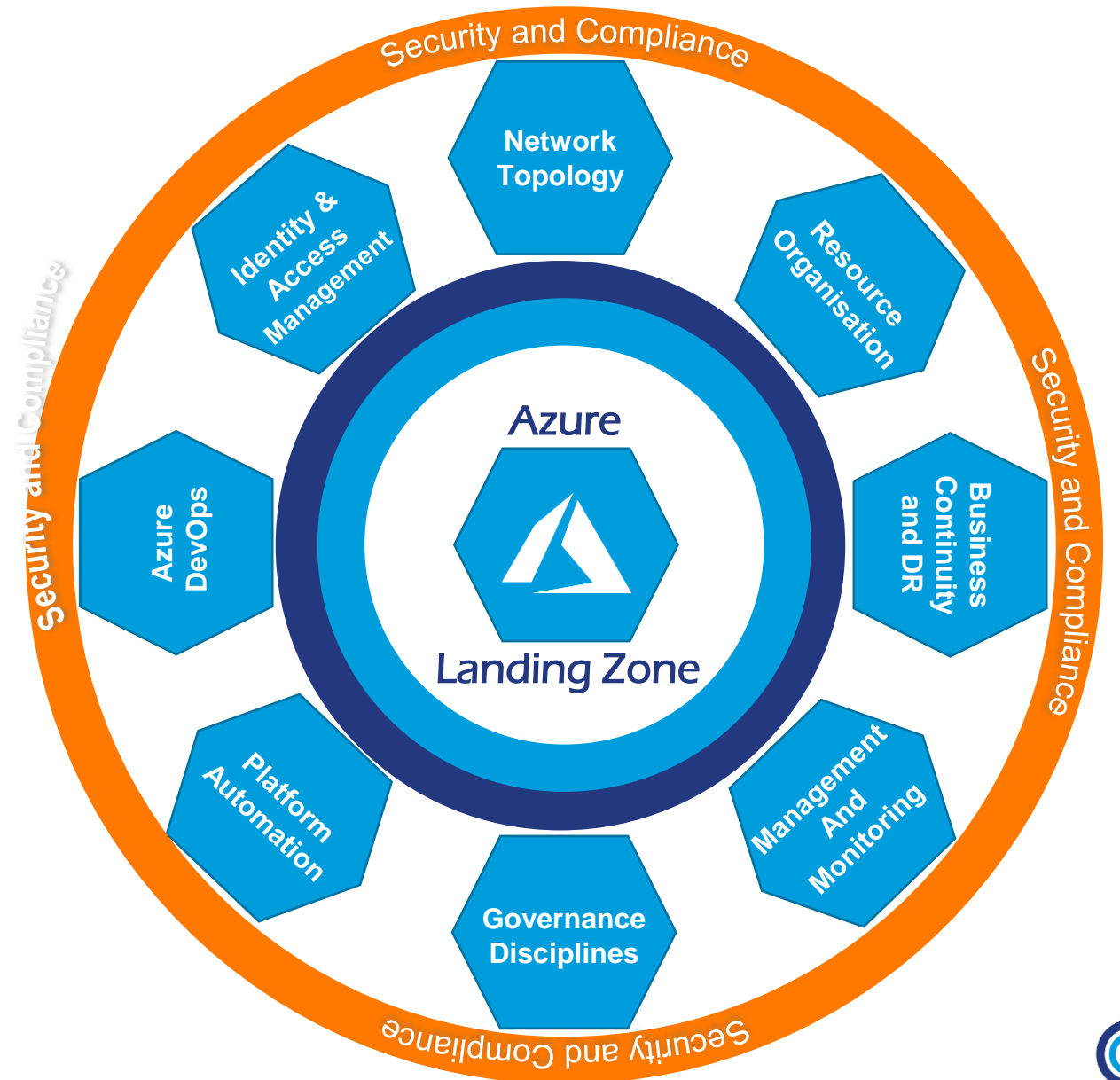
Specialist
 Meetings and Meeting Rooms
 for Microsoft Teams

<p>300+ UK Consultants</p>	<p>Best Practice and Secure Design</p>	<p>Enterprise Customer Experience and Case Studies</p>
<p>200+ Technology Partner Ecosystem</p>	<p>AMPP Accelerated Partner Funding</p>	<p>Independent Architectural Advice</p>



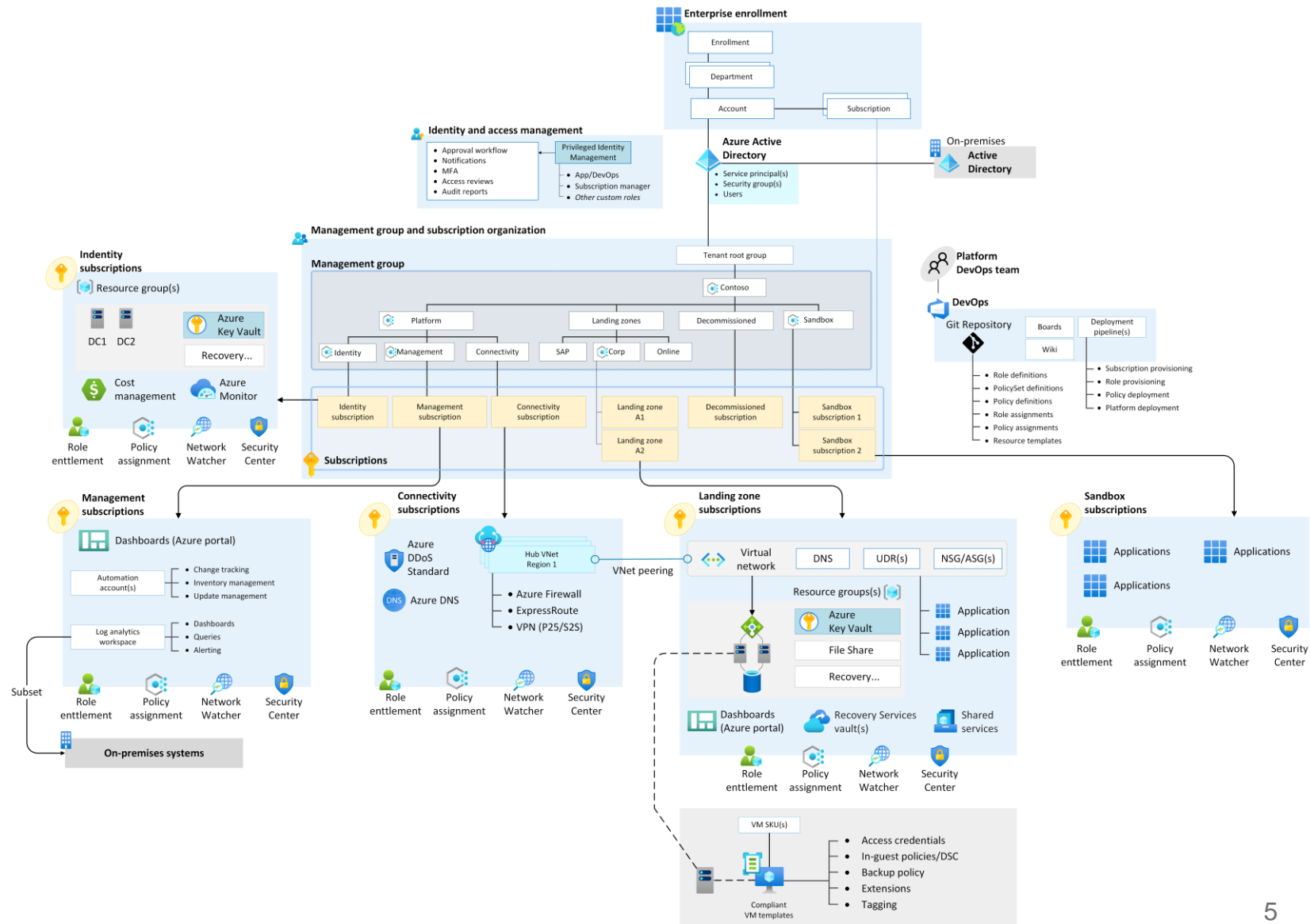
THE AZURE LANDING ZONE SERVICE

- Delivers the foundation services needed to run workloads in Azure
- Our Landing Zone blueprint aligns to the CAF Enterprise-scale architecture and is augmented with Computacenter's own delivery experience.
- The Landing Zone is deployed using Infrastructure-as-Code (IaC) with Terraform



SECURE BY DESIGN

- This example illustration has been taken from the Microsoft Cloud Adoption Framework and includes the Azure Virtual-WAN service.
- An equivalent architecture can also be deployed without the use of the Virtual WAN instead using a traditional hub and spoke network topology
- CC have deployed a Enterprise Secure Landing Zone for multiple customers



WHAT'S INCLUDED

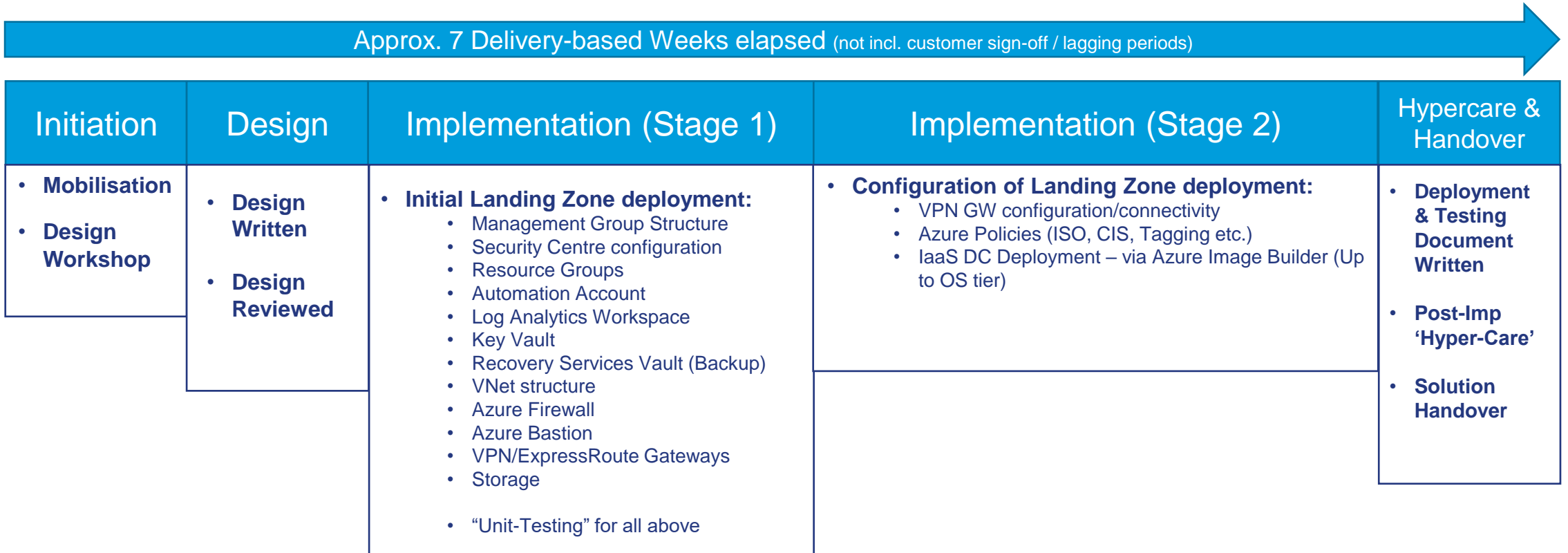
The standard landing zone service includes the following:

DESIGN	DEPLOYMENT	HANDOVER
<ul style="list-style-type: none">✓ 1 x Design workshop to agree unique elements for each customer including:<ul style="list-style-type: none">• Naming Standards• Network Connectivity• Network Address Space• Identity Management✓ 1 x High Level Design for a Hub and Spoke Azure topology with agreed design decisions	<ul style="list-style-type: none">✓ Modular automated deployment using ARM templates in a single region to include:<ul style="list-style-type: none">• Azure Network Configuration• Resource Groups• Resource Tagging• Azure Policies• Security settings• Key Vault• AAD Connect✓ Azure Firewall (Basic rules for landing zone only)✓ Bastion Host	<ul style="list-style-type: none">✓ Deployment output document to include:<ul style="list-style-type: none">• Exported data from deployed solution• Confirmed tests



DELIVERY – APPROX TIMELINE

Below is an estimated timeline for delivery which is achievable provided the pre-requisites are met.



AZURE CASE STUDIES



AZURE CASE STUDY

SAVED £500k, OPTIMISED, SECURED AND GOVERNED

A large aerospace engineering firm required help to meet strict compliance standards, manage Azure costs and improve efficiencies with better cloud governance across their 200+ Azure subscriptions.

Computacenter delivered the following benefits:



Security

- Introduced a simple secure approach to applying RBAC. Fulfilled least privileged access methodology by using Privileged Access Management.



Compliance

- Implemented an automated auditing service to check compliance against strict standards, lock down security breaches and manage network connectivity



Saved £500k per year

- Reduced monthly Azure costs through automated optimisation, improved governance and increased accountability.



From 3 days to 1 hour

- Accelerated deployment time of fully-compliant Azure subscriptions using Azure policies, blueprints and Infrastructure as Code.



DevOps

- Introduced new working practices to leverage Azure DevOps pipelines, Azure policies, blueprints and tagging to deliver a consistent, compliant and well governed environment

AZURE CASE STUDY

CLOSED THE DATACENTERS AND MOVED TO AZURE

Financial Services firm had a requirement to exit 2 datacentres, transforming their on-premises IaaS approach to leverage PaaS and SaaS from Microsoft Azure.

Computacenter delivered the following benefits:



Landing Zone

- Designed and implemented a new Azure landing zone to host production workloads.



SQL PaaS

- Migrated SQL workloads from on-premises clusters to Azure SQL PaaS



Office 365

- Migrated on-premises mailboxes into O365. Configured SharePoint Online enabling the retirement of large on-premises storage arrays



InTune

- Decommissioned all hardware from the datacentres upon project completion.
- Configured Intune to manage new Windows 10 devices.

AZURE CASE STUDY

COST OPTIMISATION SAVES £250k per year

Investment and payment services organisation engaged Computacenter to review their existing Azure subscriptions to provide advice on cost optimisation for their IaaS workloads.

Computacenter delivered the following benefits:



Reserved Instances

- Identified how Reserved Instances and Hybrid Benefit could be introduced to reduce annual spend by £250k



Best Practices

- Shared best practices on how to reduce or manage on-going costs through use of automation and size optimisation techniques



Reporting

- Provided a report to show exactly which workloads could benefit from reserved instances



Governance

- Recommended a tagging strategy to ensure ongoing accountability and reporting for cloud spend

AZURE CASE STUDY

AUTOMATED GLOBAL DEPLOYMENT OF NEXT GENERATION FIREWALLS

A British multinational consumer goods company needed a scalable solution to secure and manage access to their public facing application workloads in Azure.

Computacenter designed and implemented a solution using Palo Alto VM series firewalls and Azure Scale Sets with Infrastructure as Code for a repeatable solution.



Consulting

- Architects skilled in Azure and Palo Alto captured the requirements and designed a solution



Build

- Developed an automated build solution using Infrastructure as Code from ARM templates
- Leveraged Azure Scale sets to automate the scaling of the solution



Implementation

- Deployed across multiple Azure regions
- Used Panorama to apply firewall configuration



Scale Testing

- Automated load testing to demonstrate scaling capabilities of solution