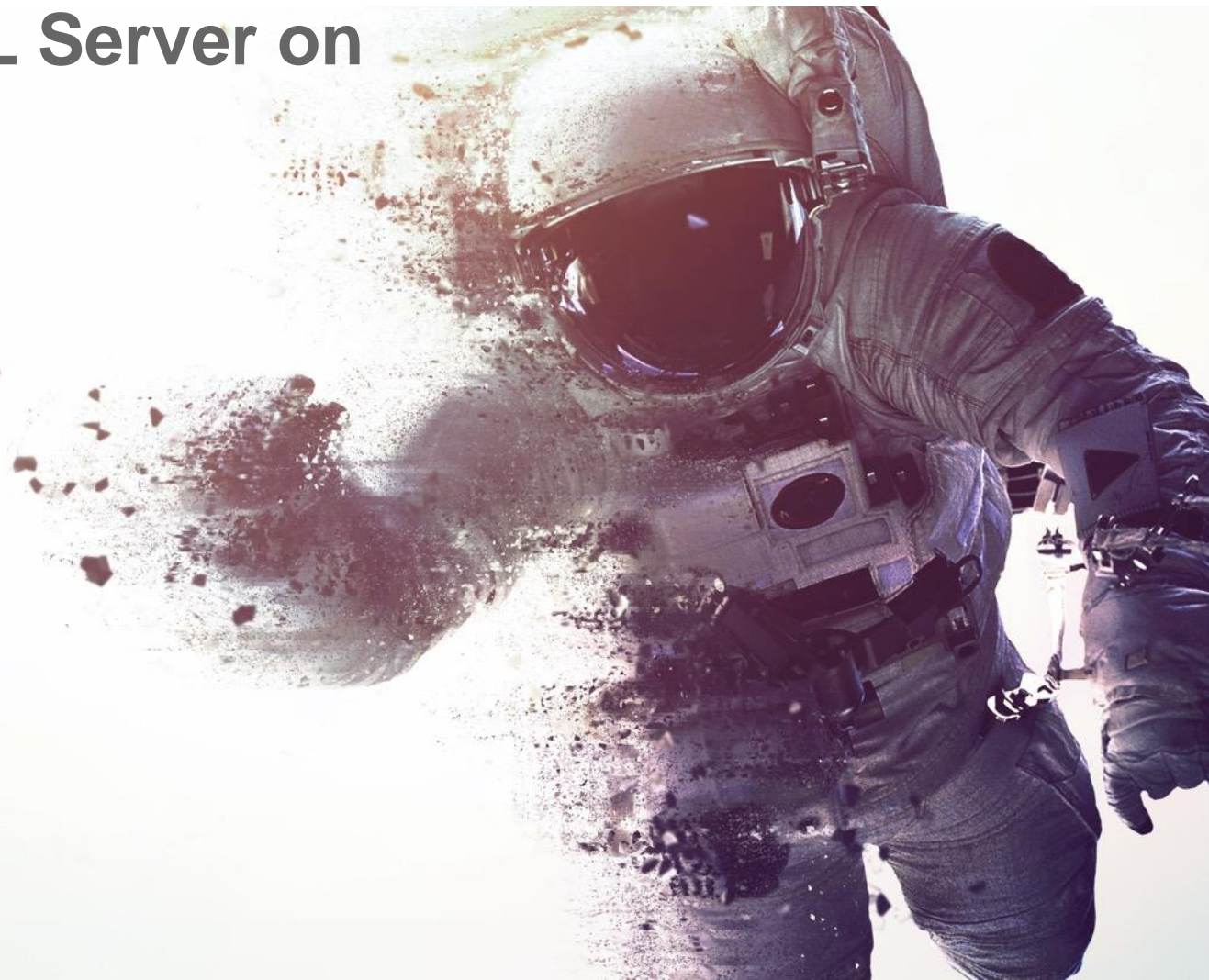# Windows Server & SQL Server on Azure Solution Play

Windows and SQL Server Migration to Azure

Tools and expertise to accelerate your database migration to cloud.

Navisite Data Migration Services for Azure

- Assess database workload requirements and any dependencies
- Plan the workloads to be migrated, the tool to be used for migration and the target platform for the workload (IaaS, PaaS)
- Transform any workloads not currently compatible with modern data platforms. Optimize workloads to take advantage of new features.
- Perform migration, validate successful migration, and remediate applications where required

On-Premises

- ✓ Oracle
- ✓ MS SQL Server
- ✓ MySQL
- ✓ Other

Data Migration Services Tools and Accelerators:

- Data Migration Assistant (DMA)
- Azure Data Migration Service (DMS)

Azure

- ✓ PaaS – Azure SQL Database, Azure Database for MySQL
- ✓ IaaS – SQL Server, Oracle, MySQL on Azure VM

IaaS And PaaS Migration Phases

CLOUD ASSESSMENT

MIGRATION

NAVISITE MANAGED CLOUD SERVICES

PLAN

- Stakeholder identification
- Project governance
- Migration sequence planning
- Test plans
- Cutover plan

DESIGN

- Application placement
- Logical topologies and workload distribution
- System Sizing
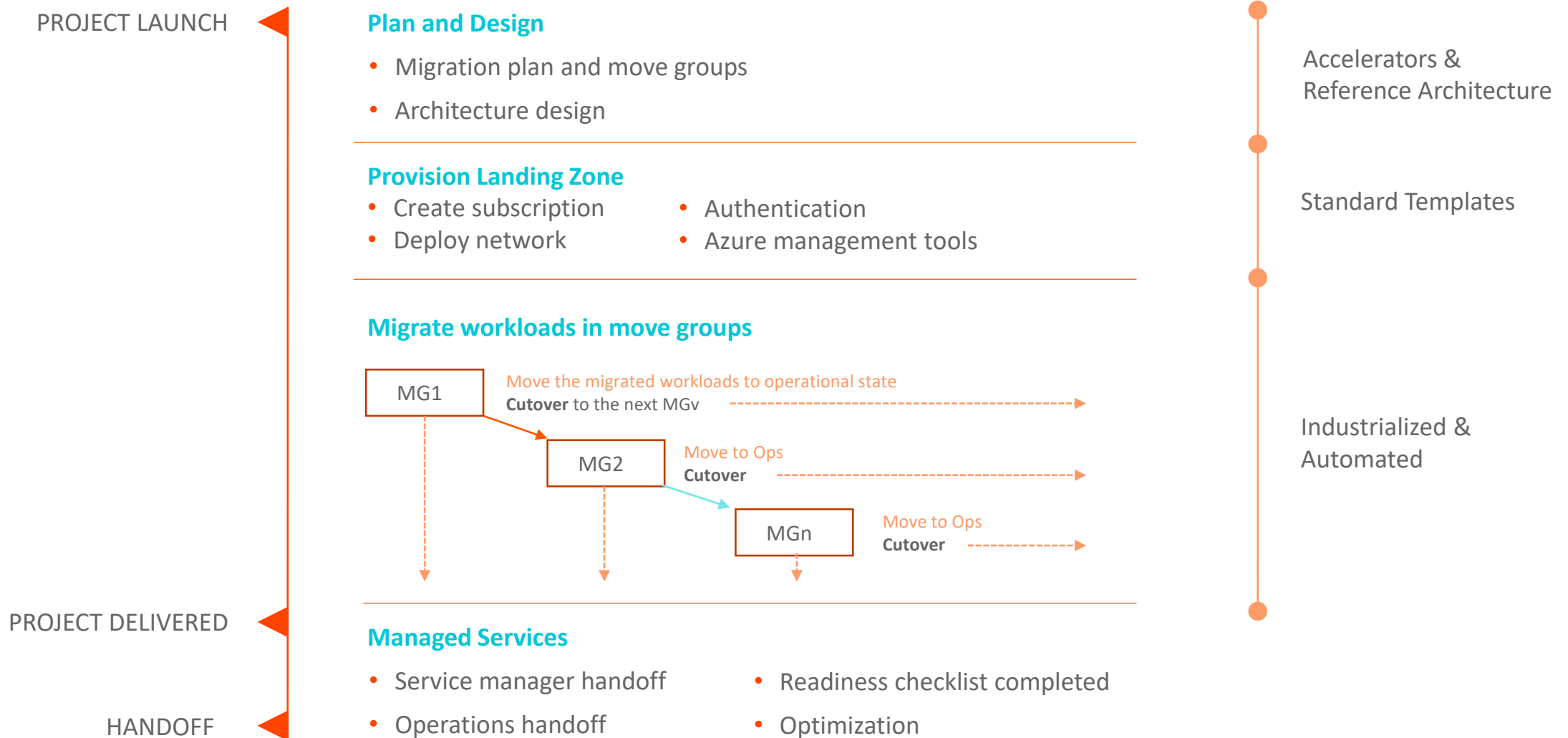- Connectivity designs
- Operational support model (SLA)

MIGRATE

- Provisioning
- Migration testing
- Cutover/phased cutover
- Post cutover testing and QA
- Operational management handover
- Decommission source

OPERATE

- Optimization
- Service assurance
- Monitoring
- Proactive management

Data Center Migration Practice IaaS Approach

PROJECT LAUNCH

Plan and Design

- Migration plan and move groups
- Architecture design

Provision Landing Zone

- Create subscription
- Deploy network
- Authentication
- Azure management tools

Migrate workloads in move groups

MG1 — Move the migrated workloads to operational state
Cutover to the next MGv

MG2 — Move to Ops
Cutover

MGn — Move to Ops
Cutover

PROJECT DELIVERED

Managed Services

- Service manager handoff
- Operations handoff
- Readiness checklist completed
- Optimization

HANDOFF

Accelerators &
Reference Architecture

Standard Templates

Industrialized &
Automated

Case Study

Leading Global Airline

One of the leading global airlines ground handling division.

CHALLENGE

- IT infrastructure included 8 data centers and over 1,400 virtual machines without standards leading to inefficiencies

- Limited investment in infrastructure had left the organization with outdated server equipment and out of date software

- Infrastructure was unable to keep up with ever expanding demand especially during seasonal peaks

SOLUTION

Navisite provided a detailed assessment that showed current state risks, Azure based future state architecture, migration roadmap, and budgetary financials for migration and operations of the environment in Azure.

RESULTS

The results of the execution of the plan was a drastic reduction in the number of data centers from over 8 down to 2 and the addition of Azure's flexible and scalable architecture that would easily meet seasonal demand.