

SAP on Azure

*Helping our customers
consume services from the
premier Cloud provider*

The SAP workload in the Cloud experts

Methodology



We don't believe that one size fits all, and we fine tune as the project progresses. The basis of this methodology and plan has been successful at other clients, but no plan is complete without your input. Therefore, we tailor our approach to fit our client's unique challenges

The Specialist



You need a specialist for this migration to go smoothly. Bluefin specializes in SAP and HANA, and these migrations are in our "wheel house." We will bring in depth knowledge to the table and get things right the first time

Partnership



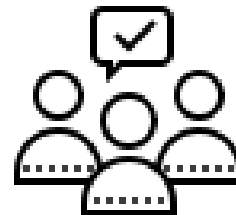
We believe that our partnership with Microsoft Azure provides the best outcomes for our customers. The Microsoft/SAP/Mindtree partnership gives customers the best platform to transform not just their operations but also their business

Recognition



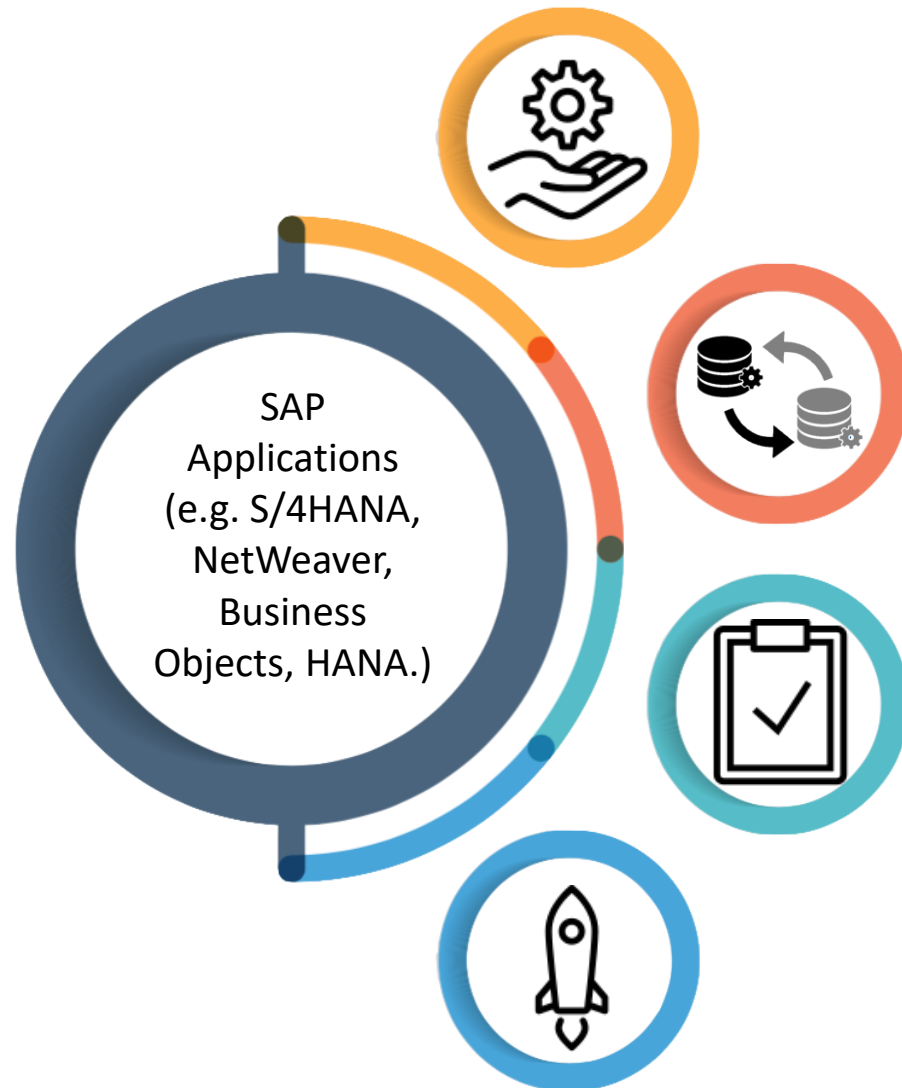
Continually acknowledged by SAP for quality, cloud vendors for innovation and by our clients for our focus on their needs

Culture and collaboration



We pursue excellence – We don't just want to get it done, we want to enjoy our work. We take pride our track record of customer successes

What SAP services do Mindtree provide to Azure customers



AMS

Running AMS on Azure is not the same as on-premise – our teams understand how the dynamicity of Azure is the foundation of your Cloud operating model

Migration

Cloud Migrations need care and attention to detail, without a solid foundation in SAP and Cloud you risk your migration. Mindtree are the SAP experts on Cloud – we do the heavy lifting of moving your SAP applications

Assessment

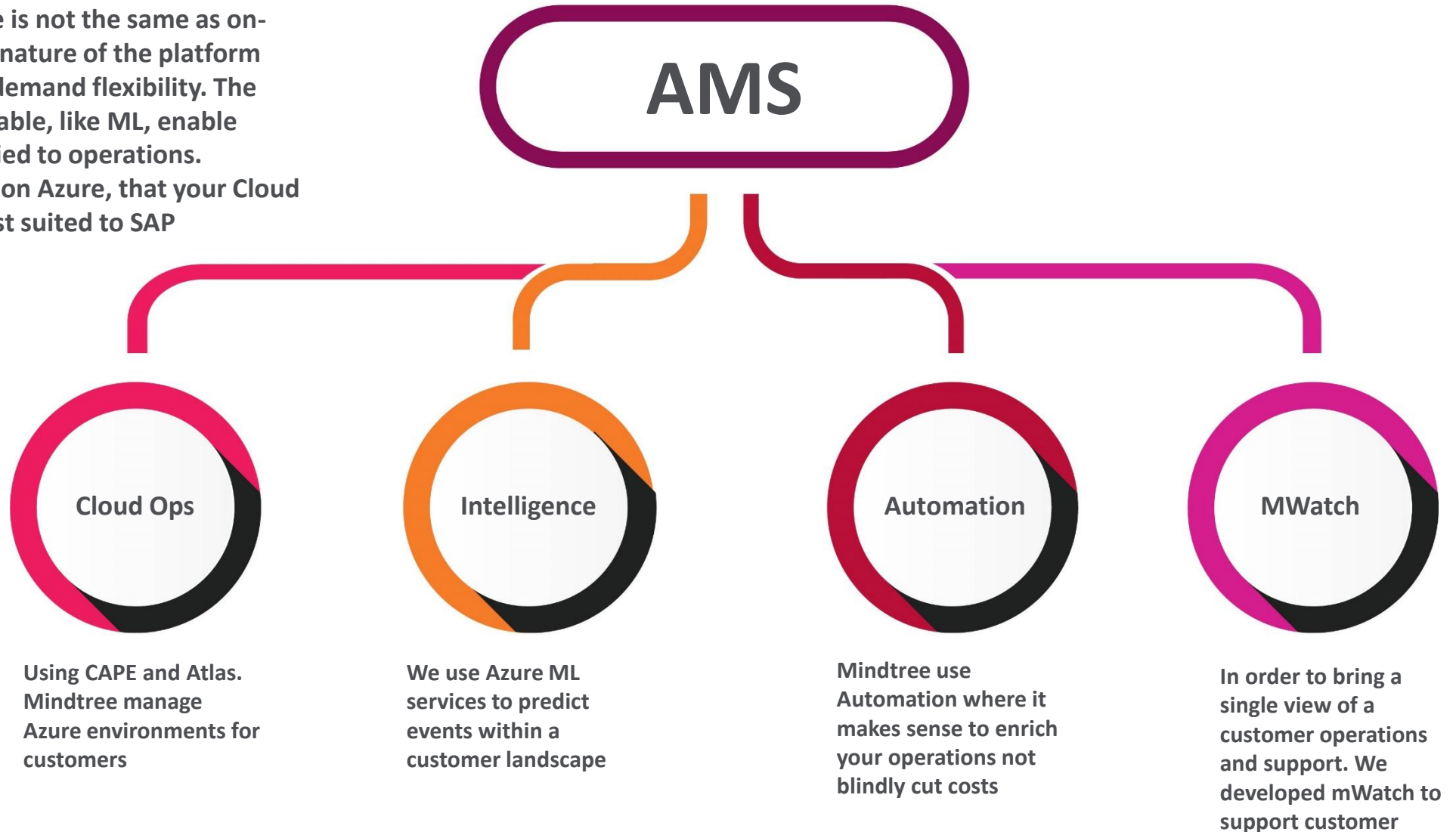
This service will help you to define Cloud adoption framework - your ability to move to the cloud, the sequencing of the migration and the plan of how to do it.

QuikDeploy

Helping you dip your toe in the water of SAP on Azure. It is a simple self-contained product to get you started on consuming Azure services.

Managed SAP on Azure

Running AMS on Azure is not the same as on-premise. The dynamic nature of the platform mean that customers demand flexibility. The depth of services available, like ML, enable intelligence to be applied to operations. In our experience, it is on Azure, that your Cloud Operating model is best suited to SAP



Cloud Migration - Offerings

Cloud Migrations need care and attention to detail. Without a solid Cloud Adoption framework to build upon, the expected benefits of automation and flexibility are unlikely to be attained.

Mindtree's Cloud migration services have helped many customers attain these benefits during the migration and during the post go-live support cycles

This phase provides several outputs to drive your migration

- Migration sequence of applications and plan
- Workload analysis
- Sizing of Cloud environment

We recommend a full Cloud assessment if you don't have a chosen vendor

This phase provides customers with an experience of Cloud delivery.

It is also useful to validate the recommendations from the assessment phase.

Customers often use this to test performance, scalability and flexibility of the Cloud

We take both a factory and an automation approach to Cloud migrations.

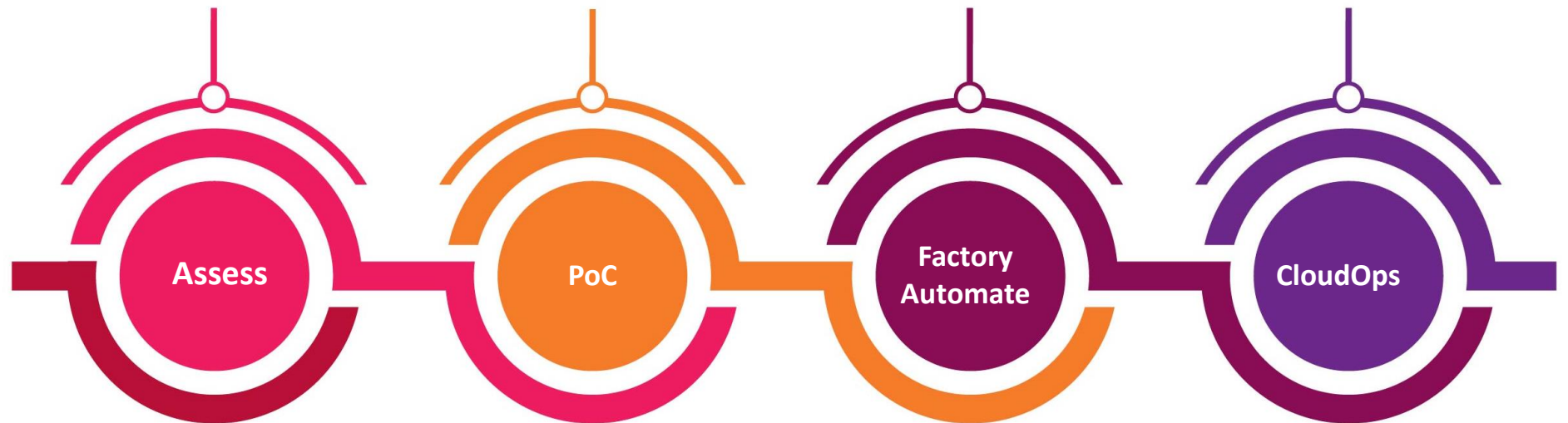
Our migration team maintain a library of scripts to automate deployments.

Where we cannot use automation, we use our migration factory to safely migrate your application

Once your application(s) are migrated, they need to be operated and maintained.

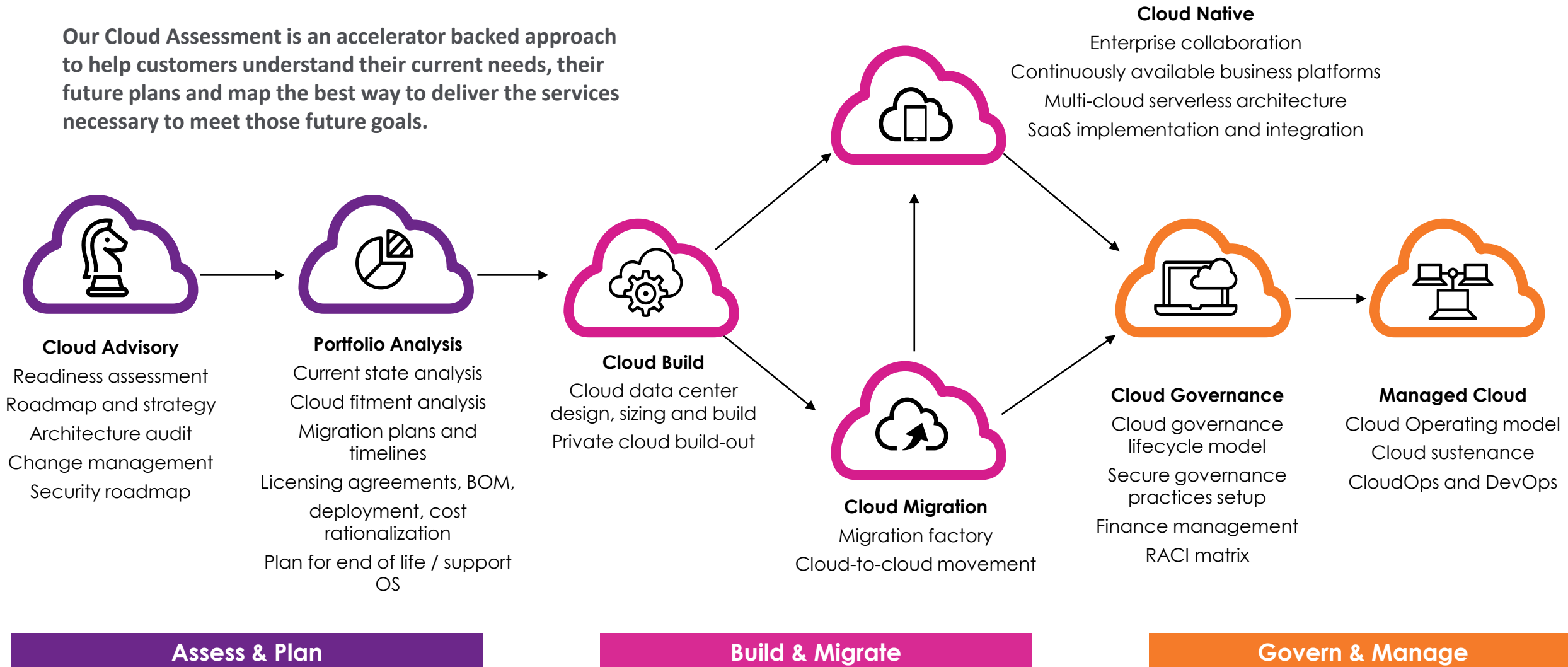
We have developed a very successful CloudOps model – managing from the Cloud infrastructure up into the Application.

This service is delivered as a single team, leveraging experts across our services

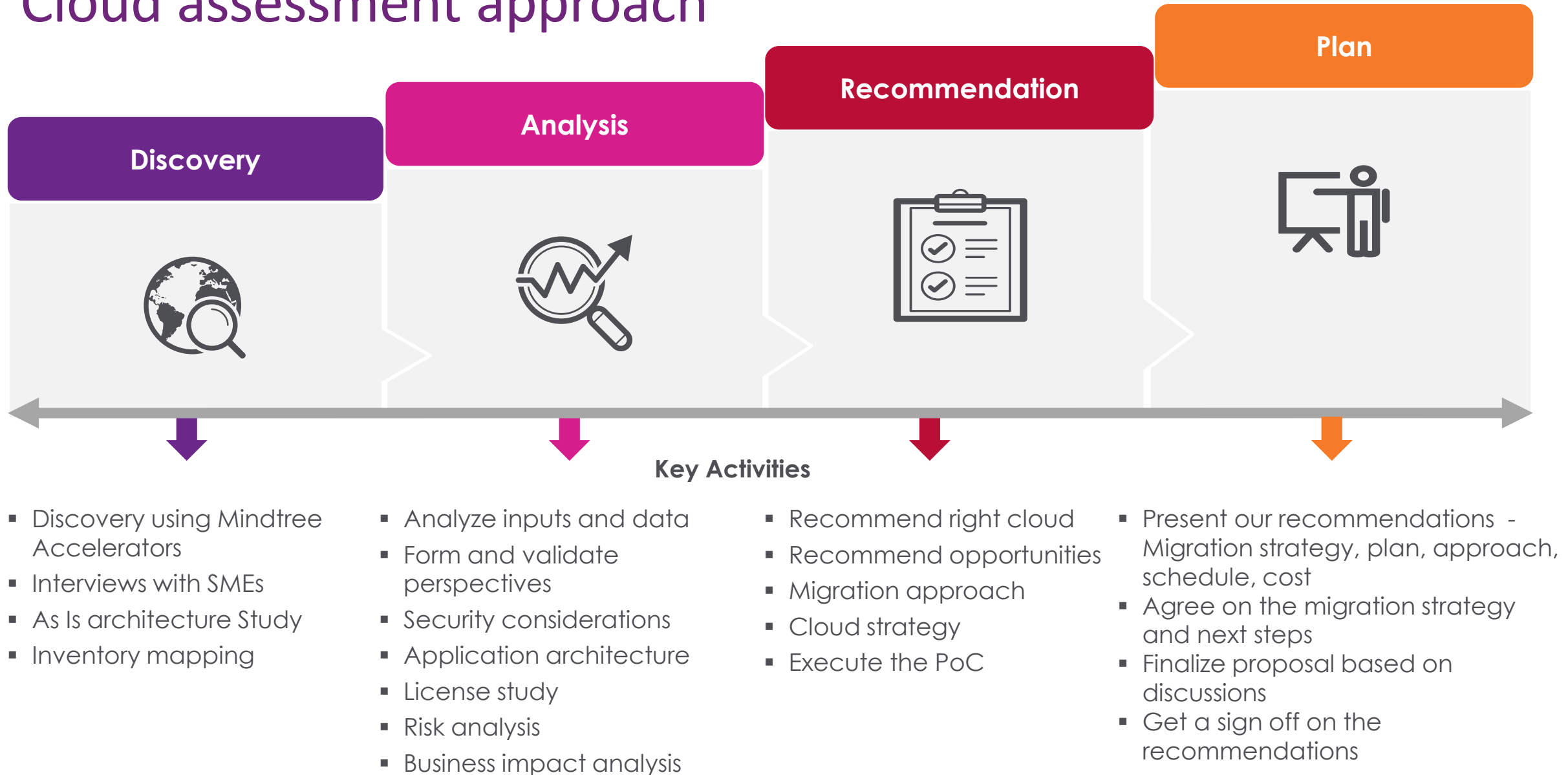


Cloud Assessment

Our Cloud Assessment is an accelerator backed approach to help customers understand their current needs, their future plans and map the best way to deliver the services necessary to meet those future goals.

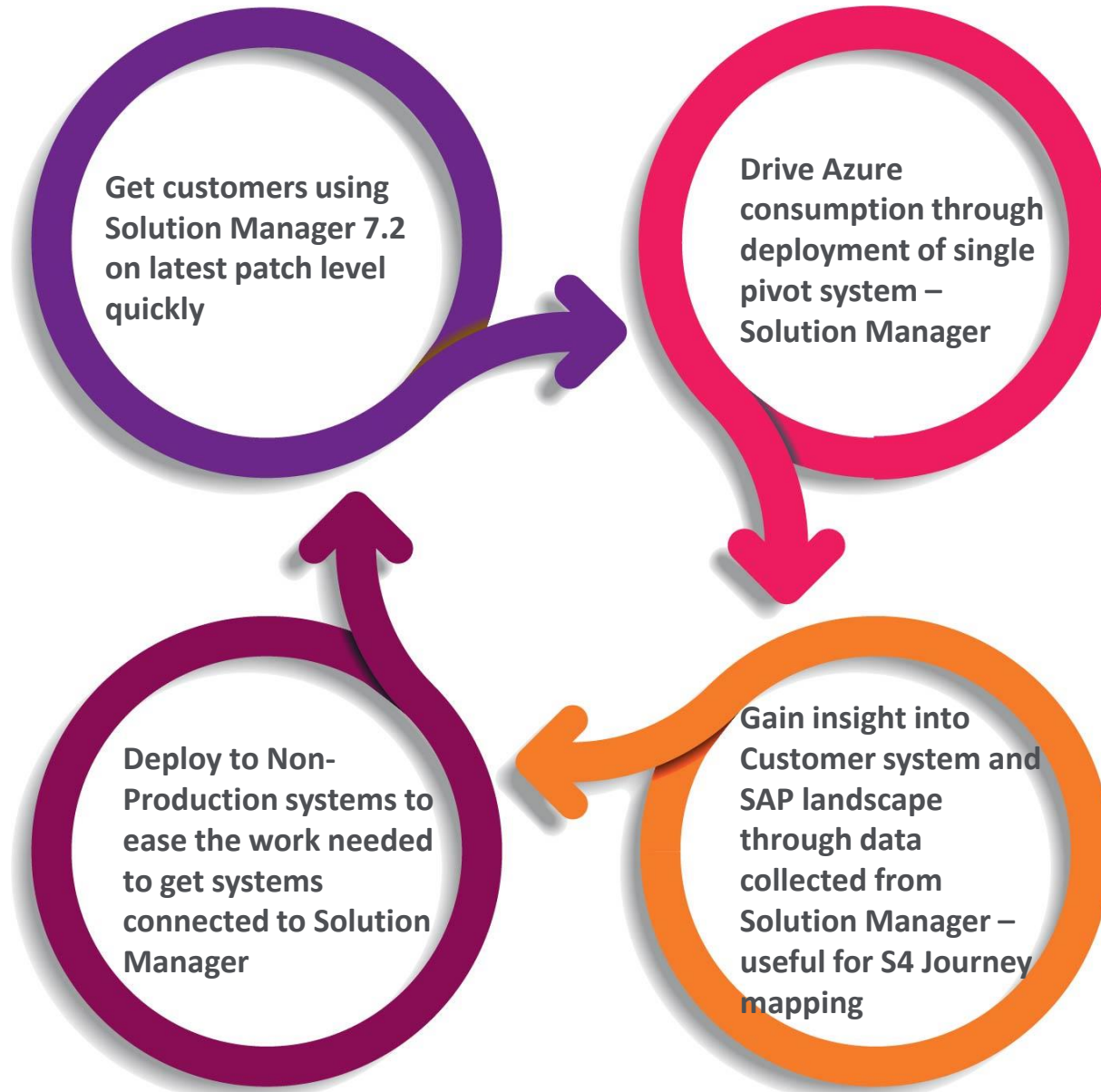


Cloud assessment approach



QuikDeploy

QuikDeploy is a Mindtree Accelerator based upon Solution Manager 7.2 designed to accomplish four aims



QuikDeploy (1 Pager) –

Gain insight into your SAP landscape over a 1 month period to kickstart your S/4HANA journey



Make Solution Manager the foundation of your S4 journey



Experience ease of deployment of an Azure based solution



Deployment of our Pre-configured Accelerator for Operations



Evaluate the newest and updated features of Solution Manager – such as CHaRM, CCLM



Use the SAP S/4HANA Migration and Optimization tools to map your journey to S4



Run Solution Manager on HANA

Mindtree and Azure Advantage



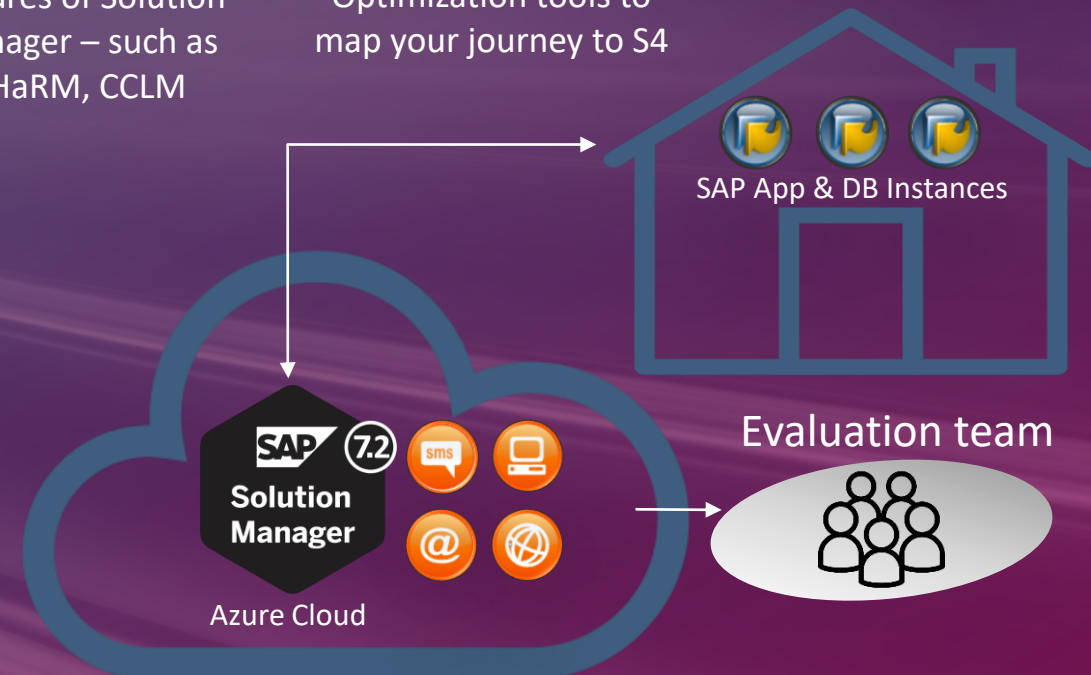
Our partnership with Azure and deep knowledge of the platform



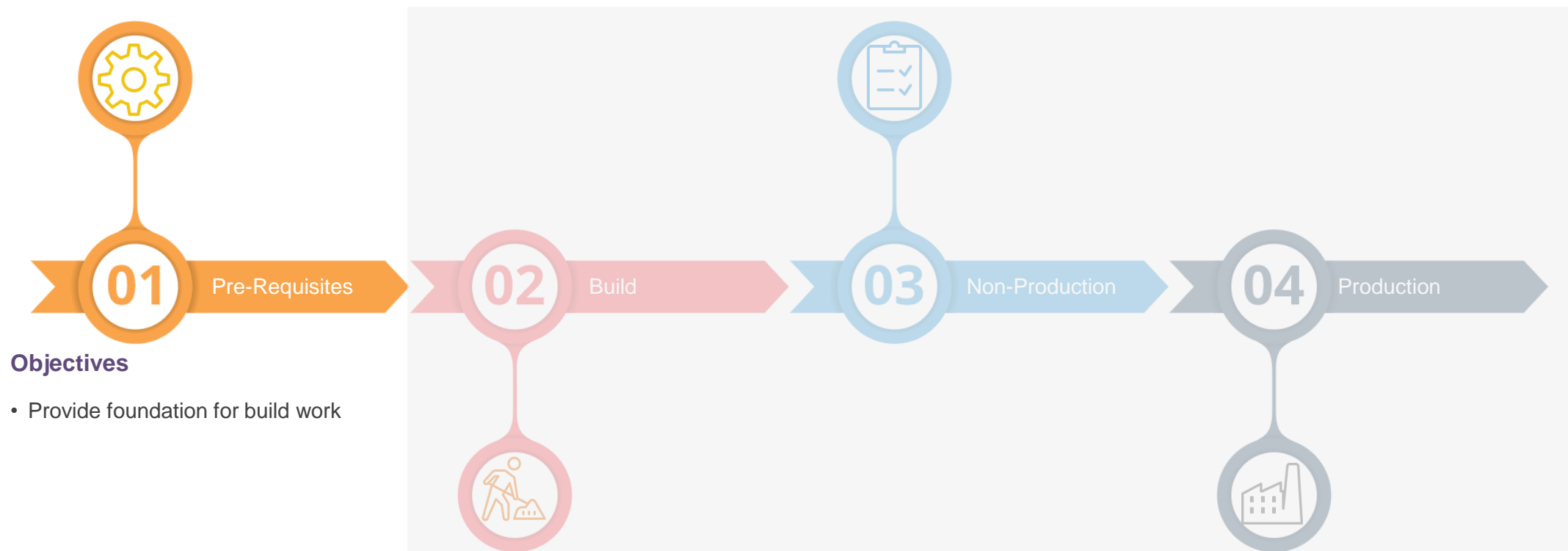
Azure focussed template solution to accelerate deployment



Flexible run model for cost optimized operations



Implementing QuikDeploy at a customer



Objectives

- Provide foundation for build work

Activities – Average .5 days duration

- Verify connectivity to Azure
- Raise change request documents
- Provision software downloads for Azure automated build
- Request users for Solution Manager connectivity
- Request users for Satellite systems
- Request users for Azure console and storage

Work Products

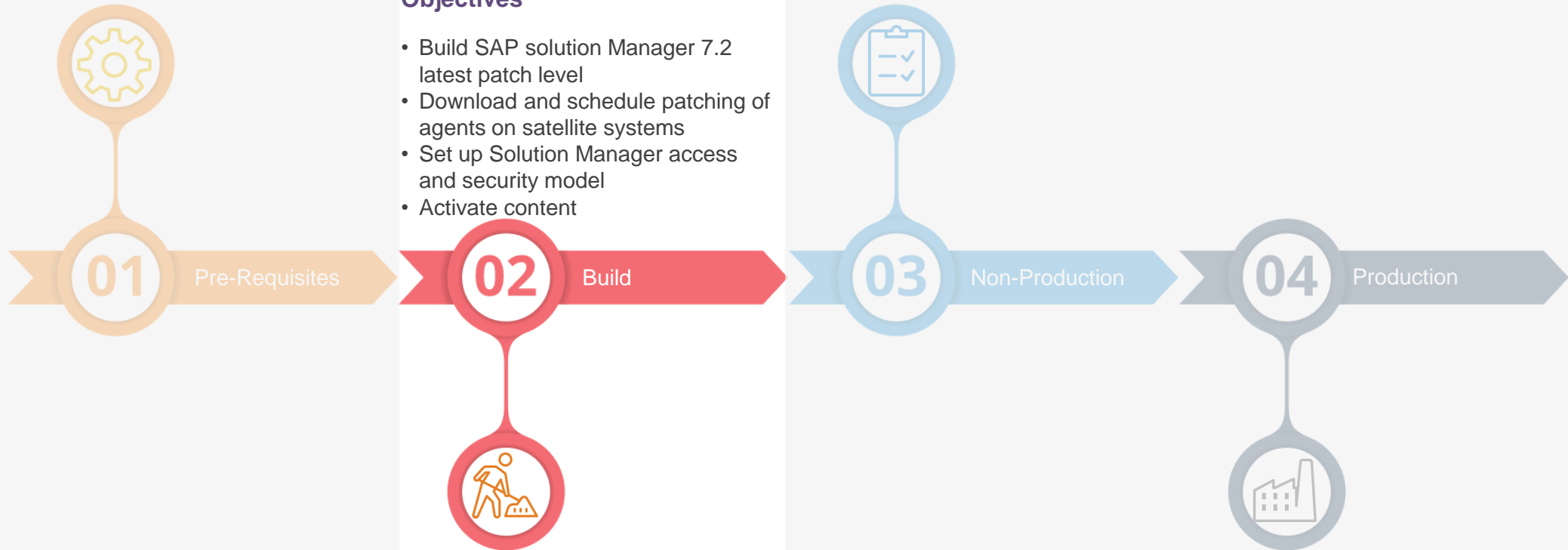
- Users in satellite systems
- Change control process started

Accelerators

Implementing QuikDeploy at a customer

Objectives

- Build SAP solution Manager 7.2 latest patch level
- Download and schedule patching of agents on satellite systems
- Set up Solution Manager access and security model
- Activate content



Activities – Average 2 days duration

- Project Mobilization
- Download Solution Manager software and agents for satellite systems
- Define monitoring scope for systems
- Confirm change control requirements for systems
- Set up Solution Manager users in satellite systems

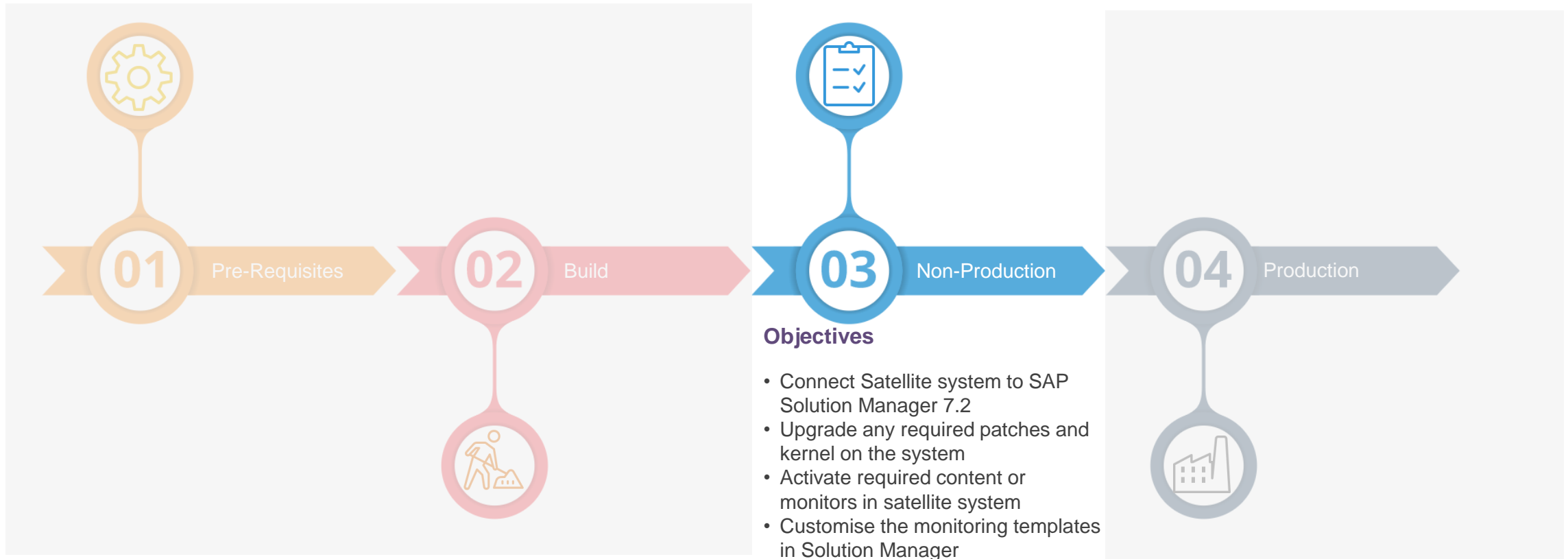
Work Products

- Solution Manager build
- Users in satellite systems
- Change control process started
- Content activated

Accelerators

- Solution Manager guided set up procedures

Implementing QuikDeploy at a customer



Activities – Average 2 days duration per system

- Configure the connection to the Satellite system from Solution Manager
- Activate the monitoring template for the SAP System according to the defined monitoring scope
- Configure the threshold and the alert functions for the system
- Test the alerts

Work Products

- Satellite system sending alerts to administration team
- Early watch alerts being generated
- System being monitored and visible on dashboard

Accelerators

- Solution Manager guided set up procedures

Welcome to possible



Modernizing the Business Warehouse with BW/4HANA

Getting to know where Noble is, where Noble wants to be and what Noble needs to do to clean house. Laying the foundations on which to build and innovate.



CHALLENGE

- Lack of clarity on strategic and technical path forward with BW
- Slow-running queries, limiting the types of answers possible to obtain from the system.
- Complexity of modelling causing business-as-usual to stop while simple changes are made



SOLUTION

- Rapid 2-week BW/4HANA PoC to illustrate the art of the possible
- Copy of production migrated through BW 7.5, edition for HANA, to BW/4HANA
- Demonstration of new simplified B/4 modelling approaches
- Lumira front end tool to demonstrate self-service reporting



BENEFITS

- Clear migration path forward demonstrated, aligned to SAP's future direction
- Development of 'previously impossible' functionality: recalculating inventory positions on-the-fly
- Query runtimes down from 35 seconds on one rig to 1 second over entire fleet of rigs
- Demonstrated flexibility and simplicity of the new approach to modelling



Data in Amazon S3 connected to SAP HANA via Vora to provide seamless real-time data streams

100 node Hadoop cluster integrated with HANA through Vora to provide real-time data streams



CHALLENGE

- Under Armour's connected fitness data resided in an Amazon S3 bucket
- The data was considered cold data and not utilized to its full advantage
- Under Armour have a number of fitness apps which make up their "Connected Fitness" platform
- We needed to understand how to access and utilize this cold data in an efficient and useful way



SOLUTION

- TB's of connected fitness data were loaded into a 100 node Hadoop Cluster.
- The cluster was connected to an SAP HANA instance in the HANA Enterprise Cloud
- SAP HANA Vora provided the bridge between the SAP HANA data and the Hadoop data in S3.
- Real-time visualization were created in Lumira as well as other 3rd party tools



BENEFITS

- Previously un-utilized data in the S3 cold storage is now available for consumption
- Allows Under Armour to engage with their customers in a way not possible before
- Promotions, stock management and sales can now be influence by this customer-specific data



Rapid system provisioning to understand the new BW 7.5 Integration with Hadoop and SAP Vora

BW 7.5 Integration with Hadoop and Vora



CHALLENGE

- P&G wanted to test new functionality for an upcoming project
- They did not want to involve IT and get into several approval processes
- Needed specific skills in BW and SAP Vora



SOLUTION

- Built a Vora Cluster in Azure Cloud
- The cluster was connected to a test SAP BW system
- SAP HANA Vora provided the bridge between the SAP BW data and the Hadoop data



BENEFITS

- The client was able to make more informed decisions about their roadmap