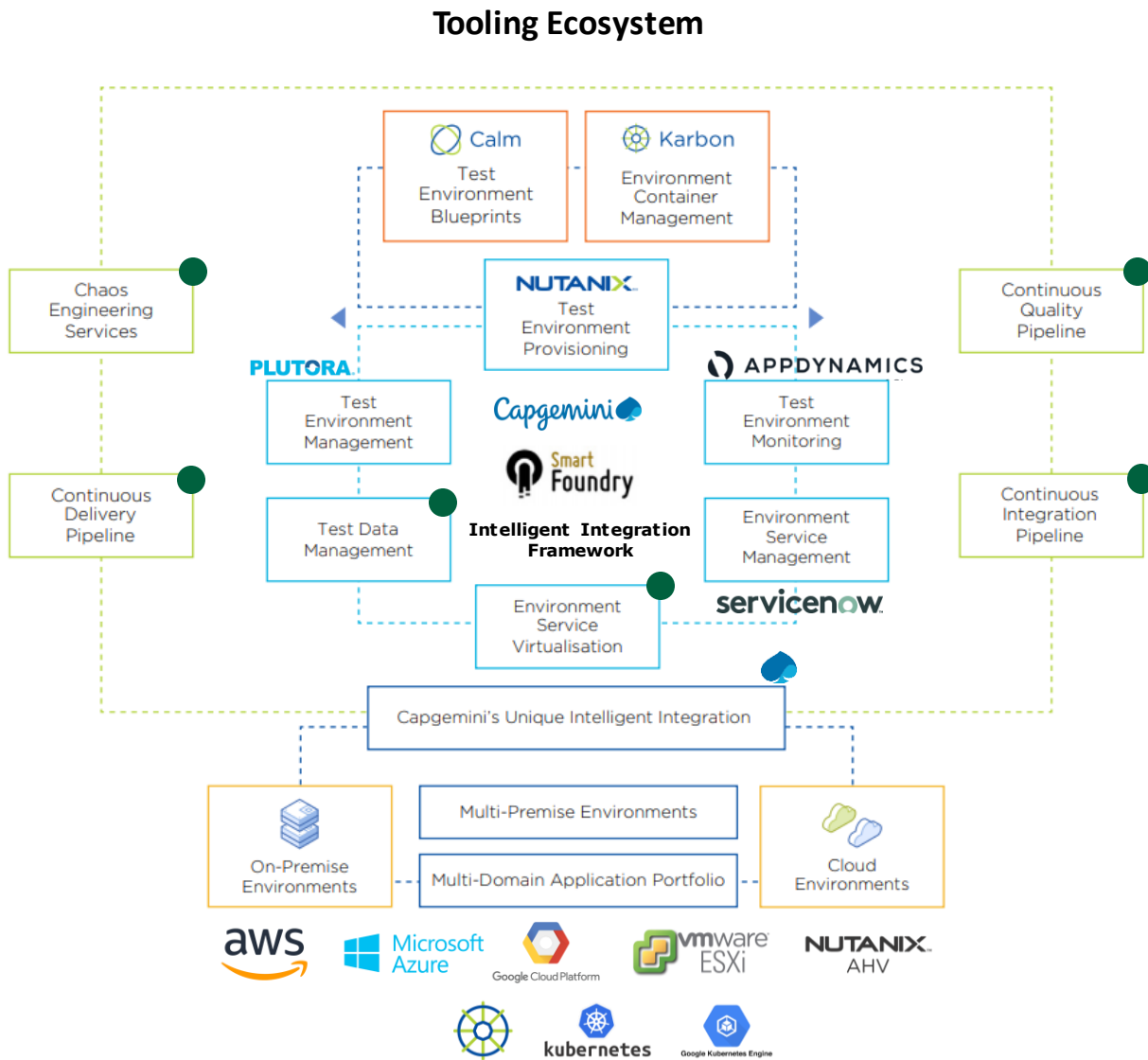
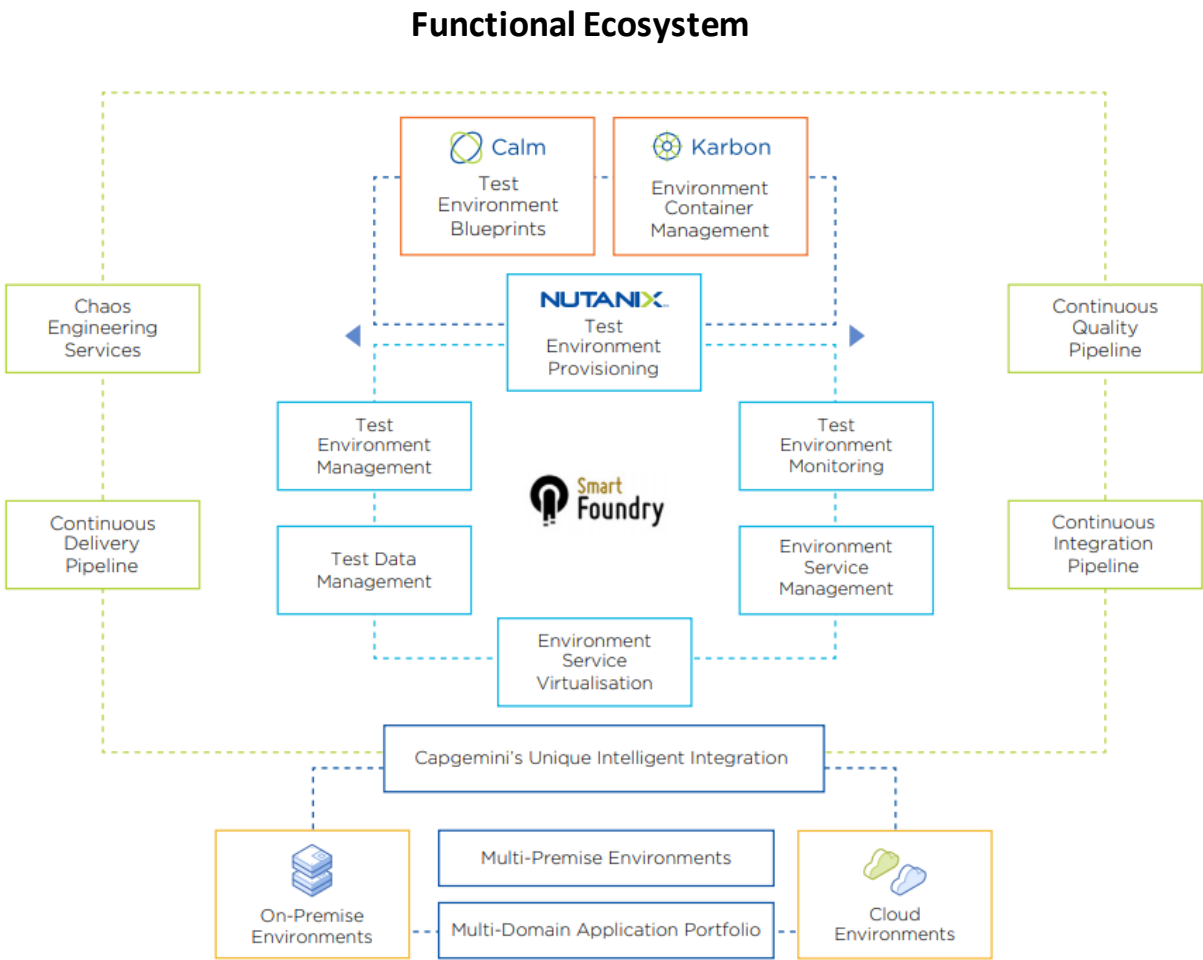


# Smart Foundry Industry Positioning

October 2020



# What does Smart Foundry do?





# Why is Smart Foundry Different?

## Multi-Premise Solution

We have taken into consideration the need for cloud independent but cost driven compute requirements for non production environments using Nutanix Calm

## Intelligent Integration

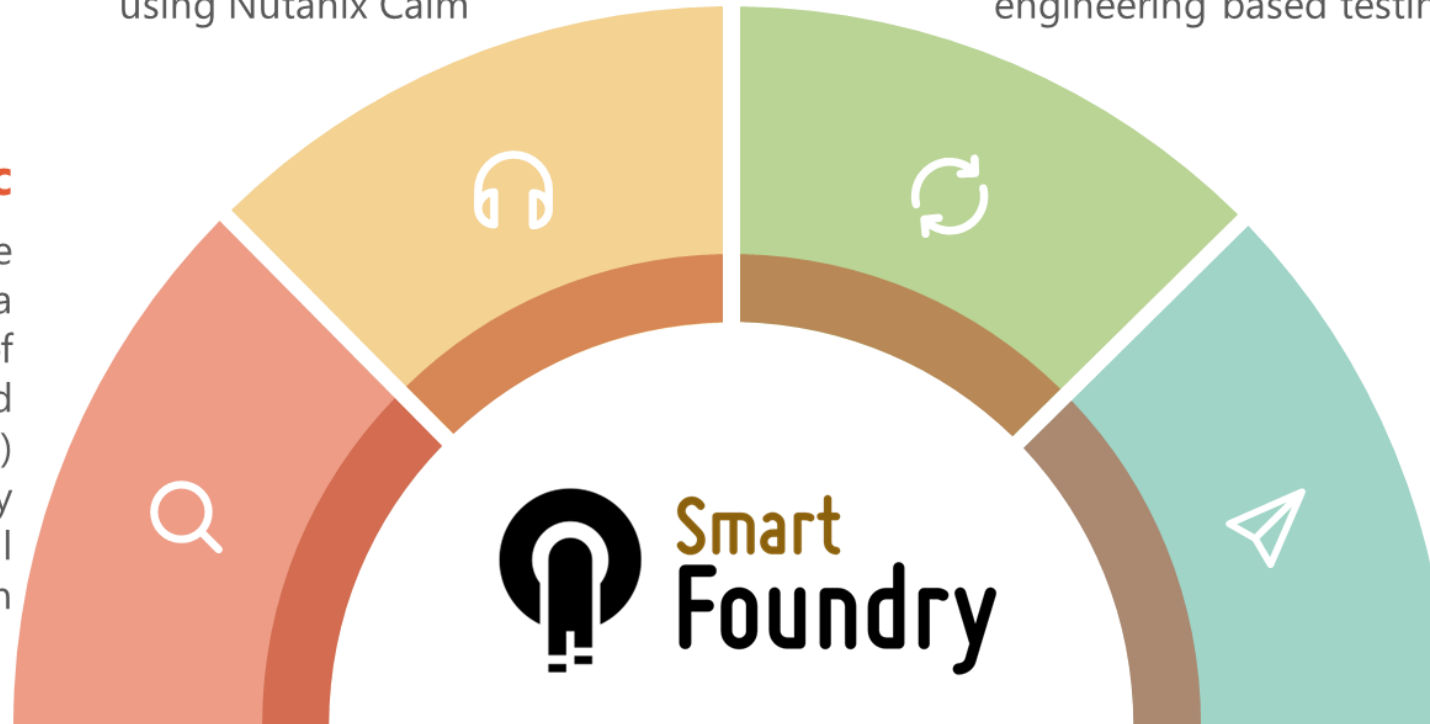
We have studied domain specific needs to carefully integrate test environment and data management functions to continuous testing and delivery pipelines. This includes chaos engineering based testing.

## Domain Centric

We have looked at the environment and data management needs of Guidewire (Insurance) and Temenos (Core Banking) applications to intelligently tailor the functional aspects of the solution

## Tool Agnostic Solution


The solution is API driven and hence can fit into any client eco-system to provide seamless integration and automation capabilities.



## An End to End Quality Engineering Eco-System




# Industry Positioning for Key Features of Smart Foundry

1 Value Stream, Environment and IT Service Management						
<div>  Plutora ServiceNow</div> <div>"This automated solution enables its users to design environment maps, raise change requests, view environment conflicts, run health checks, provide a visual CMDB and create insights driven dashboards. The users can also book and schedule environments and view environment calendars to manage the use of environments between parallel releases, efficiently"</div>	Major Players	Feature Fitment	Application Complexity	Setup Complexity	Integration Fitment	Overall Recommendation
		<small>*Solution Model 1-2.5L, 2.5-4M, 4-5H</small>	<small>*Mapping PPD 1-2.5H, 2.5-4M, 4-5L</small>	<small>*Data Model 1-2.5H, 2.5-4M, 4-5L</small>	<small>*Tool Integration 1-2.5L, 2.5-4M, 4-5H</small>	
	Plutora	Medium	Low	Low	Medium	Plutora provides a full SaaS value stream management platform. Strong in test environment module.
	ServiceNow	High	Medium	Low	High	Does not provide test environment management as a function which is completed by Plutora. Good ITSM capability.
	Digital.ai	Medium	Low	Medium	Medium	Further direction on VSM required. Three separate companies with multiple products and there is no comparable TEM function.
	Tasktop	High	Low	Low	High	Tasktop integrates just artefact names and status. Limited workflow orchestration but have good integration capability
	CloudBees	Medium	Medium	Medium	Low	Has a strong product vision but lacks key capabilities. Good Support for third party tools. TEM function needs to mature.




# Industry Positioning for Key Features of Smart Foundry

2 Multi-Premise Environment Provisioning & Management						
<div> <b>Nutanix Calm</b></div> <div><p>"If there is a conflict in booking environments, Smart Foundry will effortlessly call upon blueprints, containers and virtual instances as required from the various integrated components to make the relevant environments available to the users. In addition, Smart Foundry provides a cost driven decision making option to deploy application environment blueprints to the cloud of your choice or to on-premise locations in such a combination that allows the availability of end to end test environments in a multi-premise, cloud-agnostic setup".</p></div>	Major Players	Feature Fitment	Application Complexity	Setup Complexity	Integration Fitment	Overall Recommendation
	Nutanix Calm	High	Low	Low	High	Provides App lifecycle, monitoring and remediation. Supports multiple platforms. Single self-service and automation interface
	HyperCloud	High	Medium	Low	Medium	Offers compute, storage and networking services for Public Cloud. Rich features but data analytics is an area to improve.
	CloudStack	Medium	Medium	Low	Medium	This is open source designed to deploy and manage VM's. Mostly IaaS Capability. Lack of support and stability are major concerns.
	CloudHealth	Low	Low	Medium	Low	Better used in aggregation, correlation and data analysis of cloud platforms to reduce costs. Limitations in overall functionality.
	Turbonomic	Medium	Low	Low	High	Dynamic matching of application demand to infrastructure supply is available along with integration to APM & ITSM capabilities.



# Industry Positioning for Key Features of Smart Foundry

3 Continuous Monitoring, APM & Observability						
<div>  AppDynamics</div>	Major Players	Feature Fitment	Application Complexity	Setup Complexity	Integration Fitment	Overall Recommendation
	AppDynamics	High	Low	Low	High	Leverages AI powered RCA. Good business analysis capability. Cloud-native monitoring strategy has lagged in feature cadence.
	Dynatrace	High	Low	Low	High	Provides simplified agent deployment, both natively and in its capability to auto inject itself into containers at runtime.
	NewRelic	Medium	High	High	Medium	Open and programmable platform. Continues to increase its investment in cloud-native support to monitor serverless functions.
	Broadcom	Medium	Medium	Medium	Low	Supports distributed tracing. Allows for free APM alongside automation, testing & Agile PM. Slow in cloud-native operations.
	Splunk	Low	High	Low	Medium	Bridges the gap between traditional and cloud-native IT. Maturity needed in APM specific workflows.

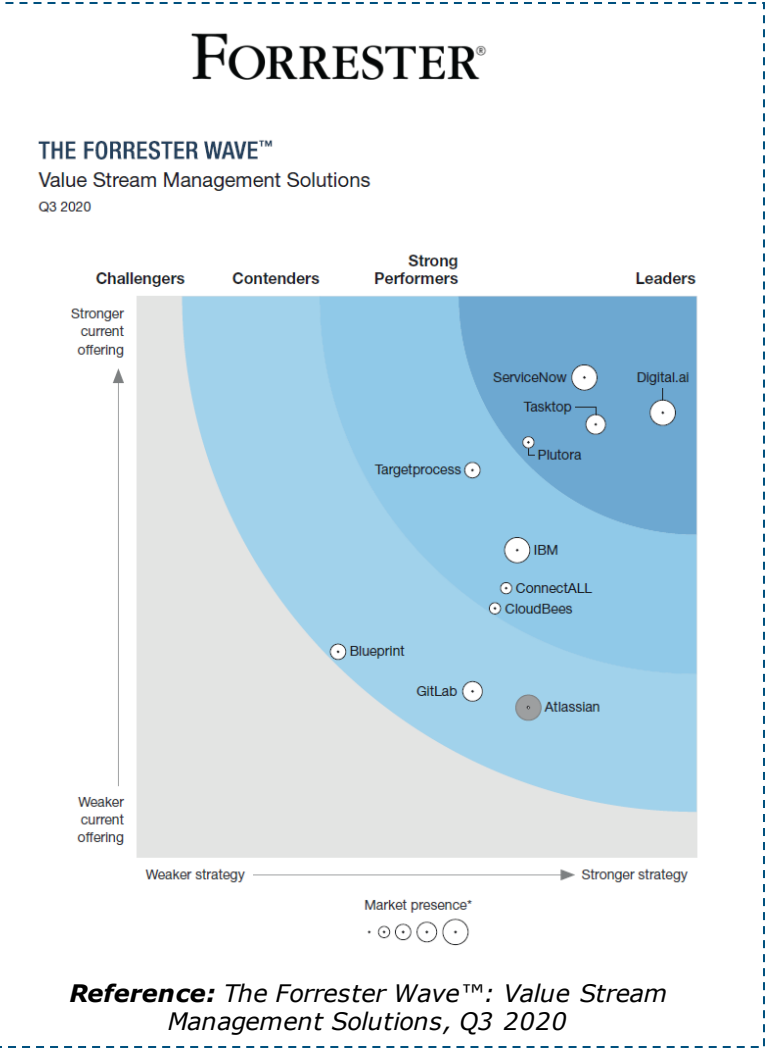
"The Service Management module of Smart Foundry works with the observability component and the value stream management module to provide analytics driven dashboards to key stakeholders.

Continuous monitoring is key to the Smart Foundry solution. Smart Foundry brings in chaos engineering capabilities from AWS, effortlessly integrated with environment management health checks to test the stability of the deployments across various cloud platforms"

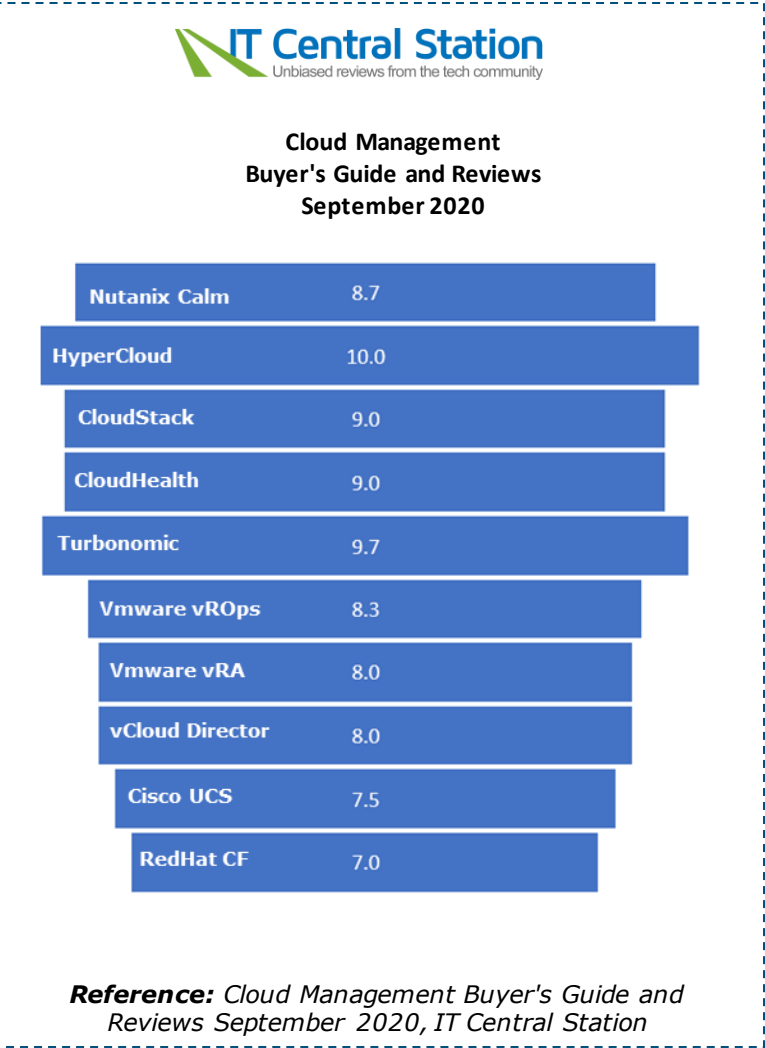
# What does the analysts say?



## Value Stream Management & ITSM



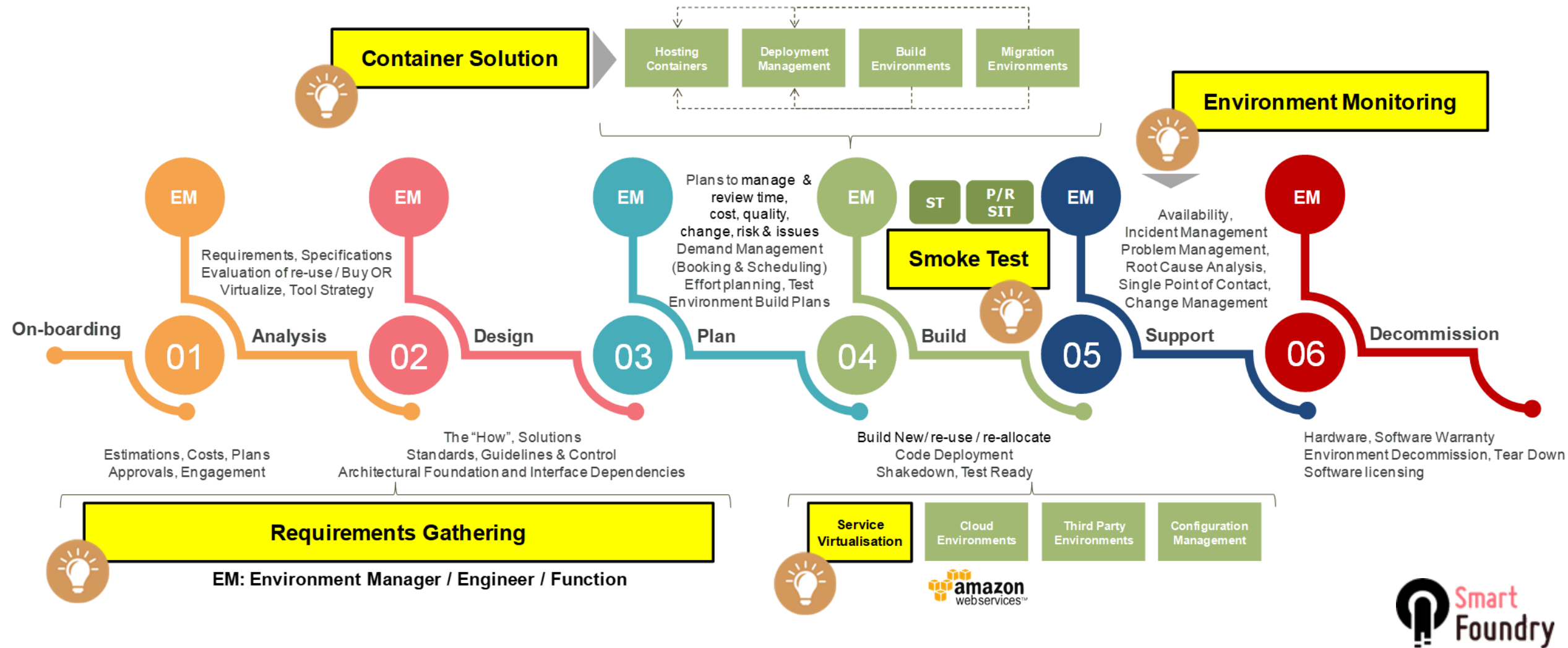
## Multi-Premise, Hybrid Cloud Provisioning



## Continuous Monitoring & APM



# How does Smart Foundry Integrate your end to end test environment management lifecycle?







People matter, results count.

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