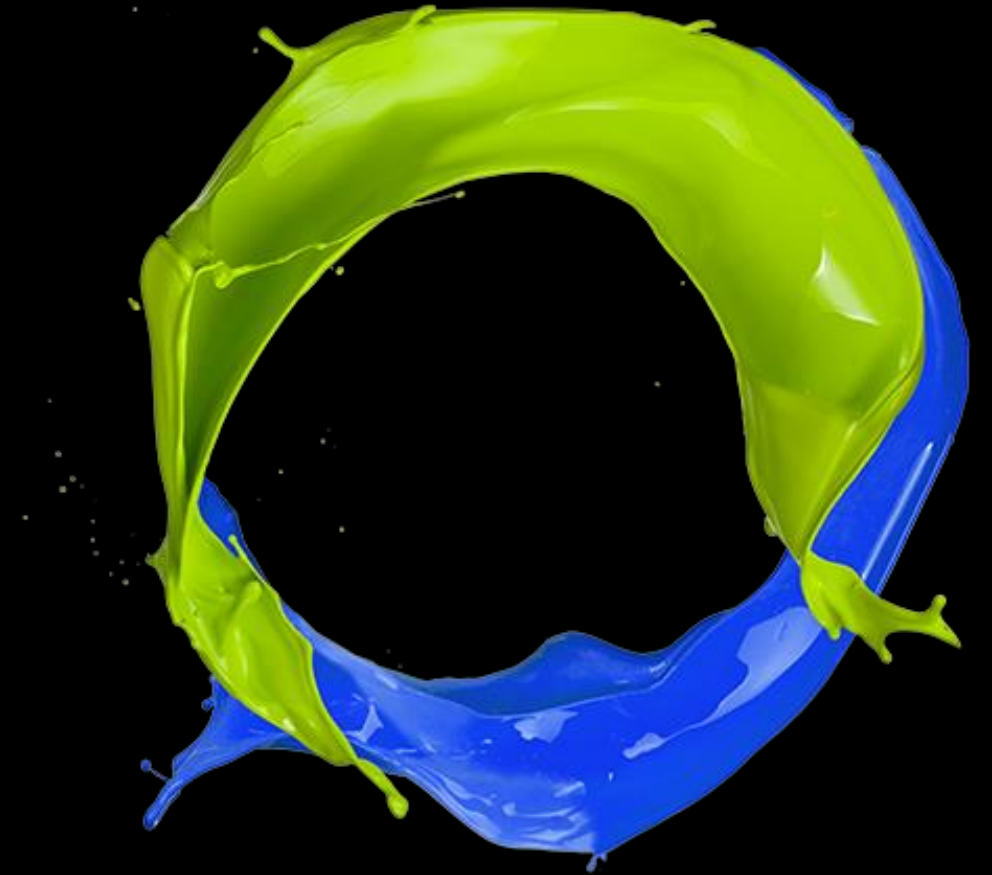


# Deloitte.

## Policy-Driven SAP® Application & Infrastructure Delivery & Governance

Praveen Mayalur, Specialist Leader, Deloitte Consulting LLP



# What Business Wants



**Agility to respond  
to business needs**

- Faster deployment
- On demand scalability for capacity



**Reduce cost of  
ownership**

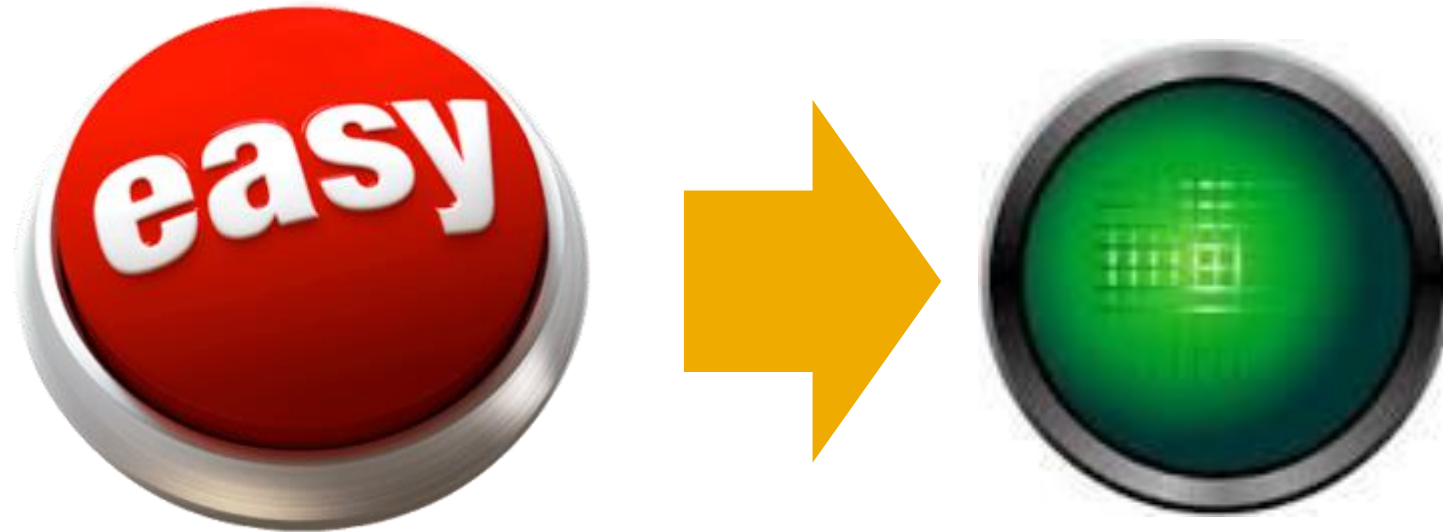
- Shorter Implementation cycle
- Lower maintenance cost



**Improve service  
quality**

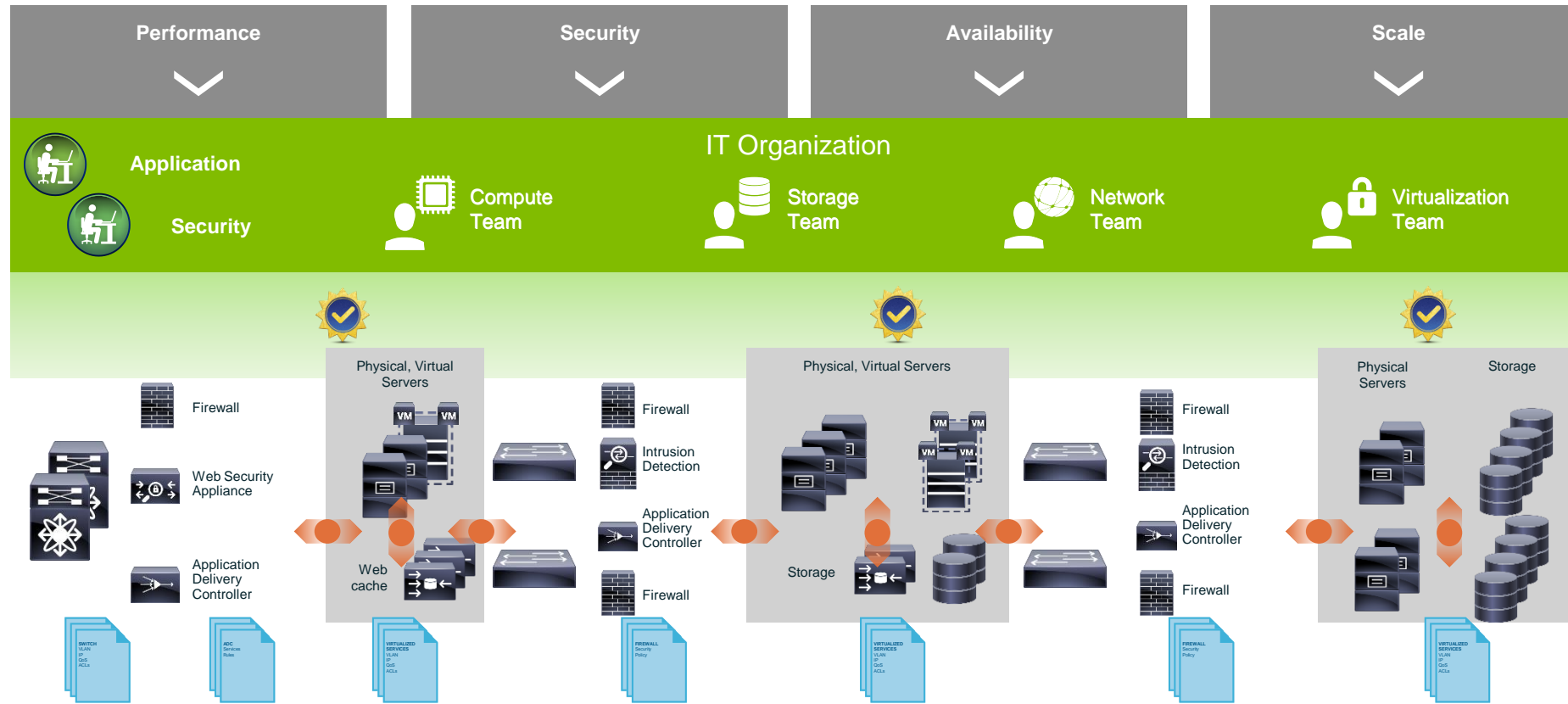
- Ensure quality implementation
- Security and governance
- Meet Compliance requirements

# What IT Wants



Ease of SAP deployment

# What IT Gets



# Typical Client Scenarios

## Business Transformations

- Greenfield SAP S/4HANA, Suite on SAP HANA, SAP BW on SAP HANA implementations
- M&A activity - consolidate multiple SAP systems / datacenter infrastructure assets

## Technical Transformation

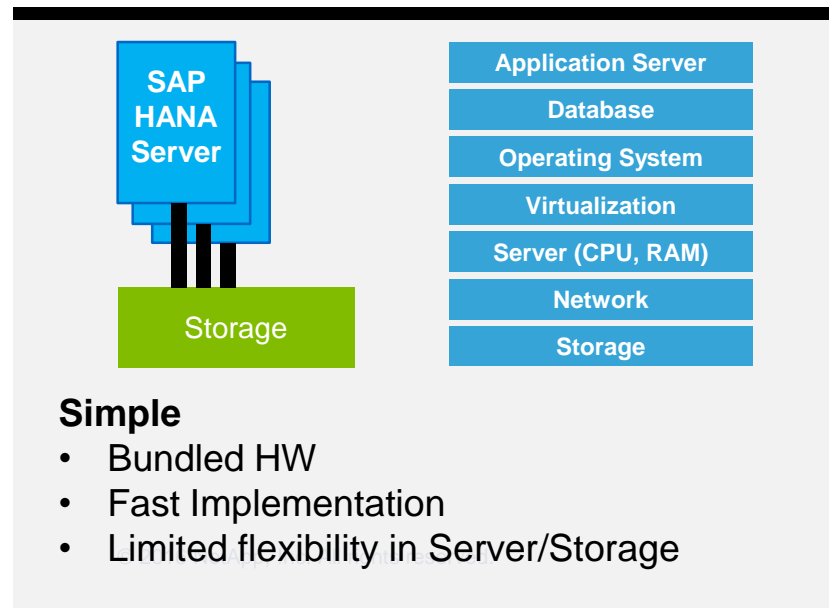
- SAP Modernization (Upgrade / SAP HANA Migration)
- Migration of existing SAP systems to SAP S/4HANA, SAP BW on SAP HANA on cloud

# Current SAP HANA and SAP S/4HANA Deployment Models

## Appliance



Easy

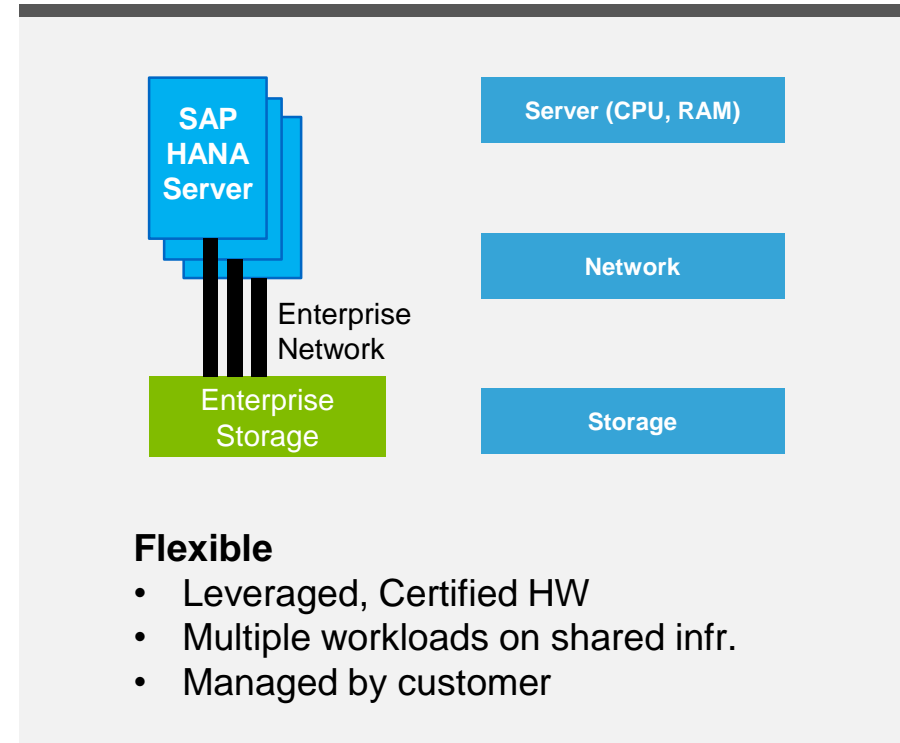


## TDI

(Tailored Data Center Infrastructure)



Flexible

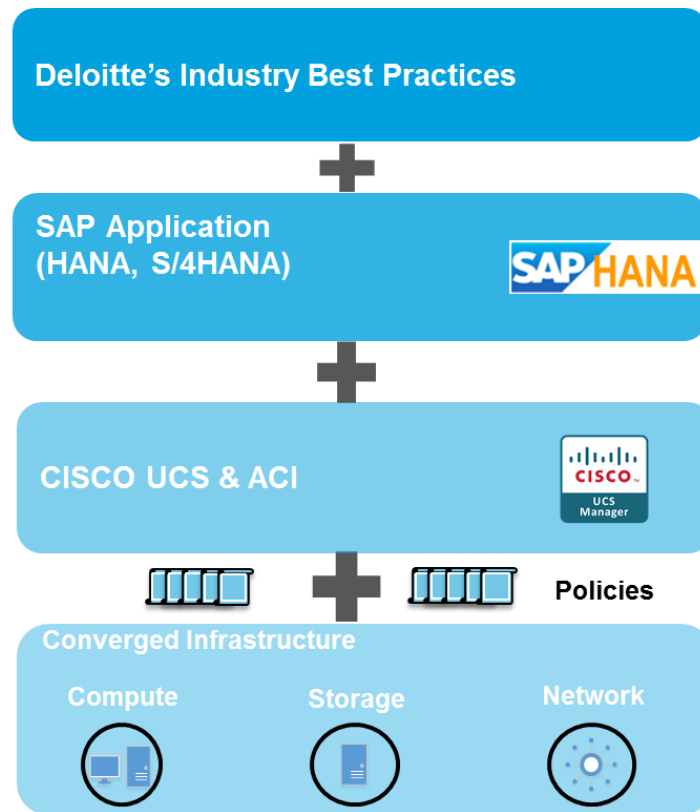


# Problem Statement

- Typical **deployment time** for SAP S/4HANA or SAP BW on SAP HANA is months
- Manual deployments are **expensive** and **error-prone**
- Manual deployments of SAP S/4HANA will slow down adoption
- TDI-compliant systems can be **difficult to configure** correctly
- Infrastructure changes to a TDI-compliant system require **re-testing**
- Governance per customer or industry policies is **additional cost** and **effort**
- **Auditability** of manual deployments requires forensic analysis

# Solution – Policy Driven Application and Infrastructure Delivery

Delivering SAP Apps with zero touch, in hours rather than weeks or months



## Goal: Deployment

- Rapid deployment
- Secure and auditable
- Industry standard embedded policies
- Scalable
- Fully Automated
- Single Touch

**Deloitte.**

**CISCO**

**SAP**

**Vnomic**  
Member of SAP Start-up Focus Program



# Zero Touch Delivery and Governance

Deploy SAP applications with a single click

Policy Driven Software Defined Everything™

**Service Catalog**

Available Services Deploy Service

Name	Tiers	Create Time
HANA SaaS	-1	Sat Sep 19 23:39:27 PDT 2015
HANA SaaS 1 Tier	1	Sat Sep 19 23:39:27 PDT 2015
HANA SaaS 2 Tier	3	Sat Sep 19 23:39:27 PDT 2015
NFS Service 1 Tier	1	Sat Sep 19 23:39:28 PDT 2015
NFS Service 2 Tier	2	Sat Sep 19 23:39:28 PDT 2015
NTP Service 1 Tier	1	Sat Sep 19 23:39:28 PDT 2015
NTP Service 2 Tier	2	Sat Sep 19 23:39:28 PDT 2015
SAP Business Warehouse with HANA SaaS	-1	Sat Sep 19 23:39:29 PDT 2015
SAP Business Warehouse with HANA SaaS S 3	3	Sat Sep 19 23:39:28 PDT 2015
SAP Business Warehouse with HANA SaaS S 5	5	Sat Sep 19 23:39:29 PDT 2015
SAP S/4HANA SaaS	-1	Sat Sep 19 23:39:30 PDT 2015
SAP S/4HANA SaaS ST0	2	Sat Sep 19 23:39:29 PDT 2015
SAP S/4HANA SaaS ST1	4	Sat Sep 19 23:39:30 PDT 2015
TOSCA ELK Demo	5	Sat Sep 19 23:39:26 PDT 2015

**SAP S/4HANA SaaS**

Perform service deployment request customization

SAP S/4HANA SaaS

Production

SAP HANA

Version: HANA SP 9 : 1.00.096.00.1432206182

SID: V01

Total Memory: 256 GiB

High Availability

Execute TDI KPI tests: None

HANA Password: .....

Server Root Password: .....

SAP S/4

SID: S4H

Number Of Disks: 1

Memory Per Node [GiB]: 32

Password: .....

< Back Next > Finish Cancel

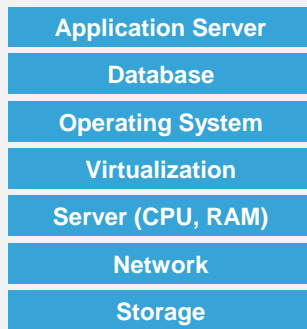
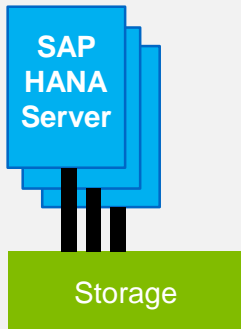
# Leveraging Policy Driven Application Delivery

Business  
Agility

## Appliance



Easy



### Simple

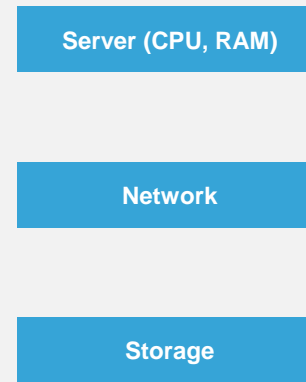
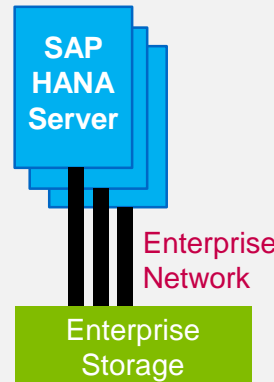
- Scale Up
- Bundled HW
- Single workload per Appliance

## TDI

(Tailored Data Center Infrastructure)



Flexible



### Flexible

- Scale Out
- Leveraged, Certified HW
- Multiple workloads on shared infr.

## Policy Driven TDI



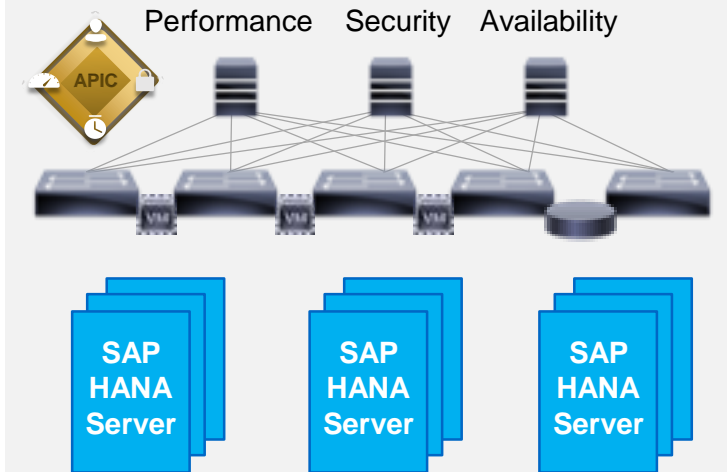
Easy



Flexible



Secure



### Simple + Flexible

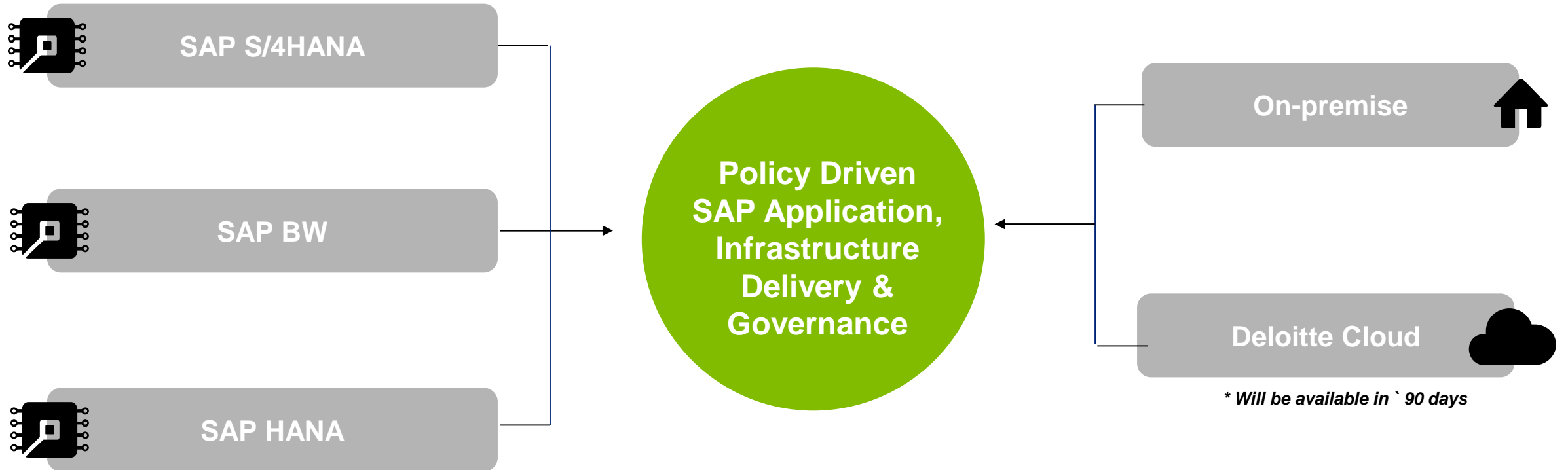
- Scale up + Scale Out
- Inherent security
- Dynamic workloads

# Solution Benefits

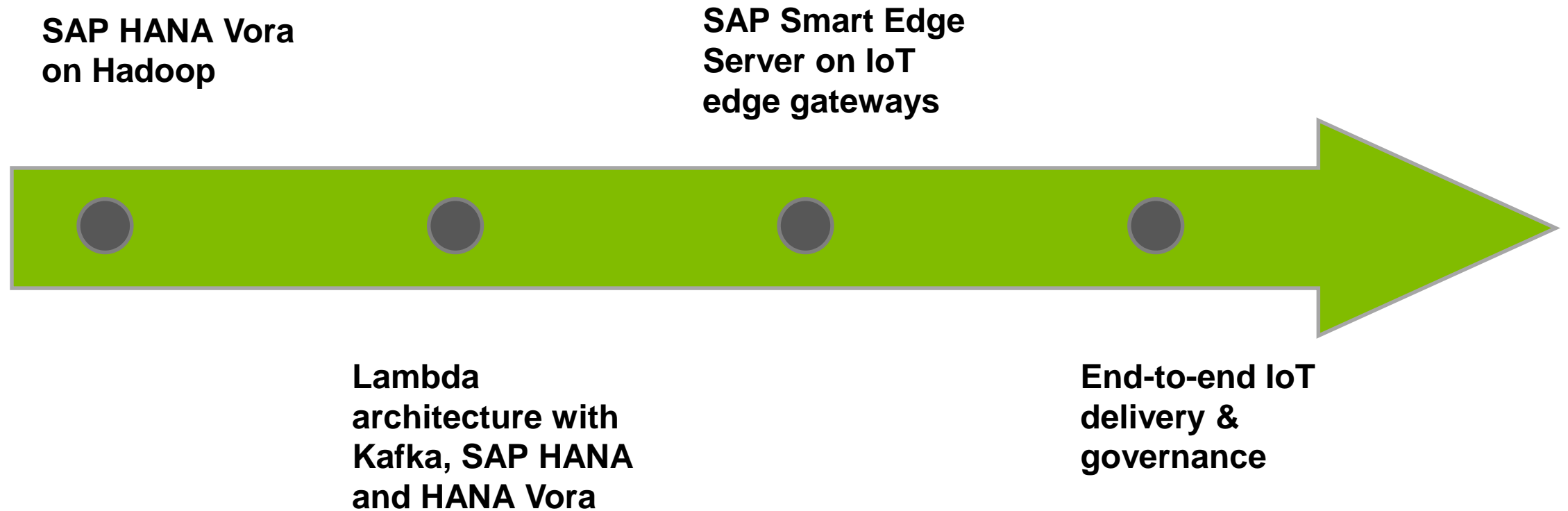
## Benefits

- ▶ Accelerate Deployment
- ▶ Rapid Analysis, Troubleshooting
- ▶ Scale SAP Application Capacity
- ▶ Monitor and Remediate Automatically

# Current Availability



# Roadmap for SAP Automated Delivery & Governance



# Policy-Driven Delivery & Governance Demo

# Next Steps



Test Drive your SAP applications in our labs and realize the benefits



Evaluate your infrastructure, its dependencies and build deployment roadmap



Setup the solution and automate the deployments

# Continue the Conversation



Praveen Mayalur, SAP on Cloud Specialist,  
Deloitte Consulting LLP  
[pmayalur@deloitte.com](mailto:pmayalur@deloitte.com)



[www.deloitte.com/sap](http://www.deloitte.com/sap)  
[sap@deloitte.com](mailto:sap@deloitte.com)



@DeloitteSAP  
#SAPonCloud







Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee (“DTTL”), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as “Deloitte Global”) does not provide services to clients. Please see [www.deloitte.com/about](http://www.deloitte.com/about) for a more detailed description of DTTL and its member firms.

Deloitte provides audit, consulting, financial advisory, risk management, tax and related services to public and private clients spanning multiple industries. Deloitte serves four out of five Fortune Global 500® companies through a globally connected network of member firms in more than 150 countries bringing world-class capabilities, insights, and high-quality service to address clients’ most complex business challenges. To learn more about how Deloitte’s approximately 225,000 professionals make an impact that matters, please connect with us on [Facebook](#), [LinkedIn](#), or [Twitter](#).

This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively, the “Deloitte Network”) is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser. No entity in the Deloitte Network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.