

## How to simplify SAP® S/4HANA deployments with policy-based automation

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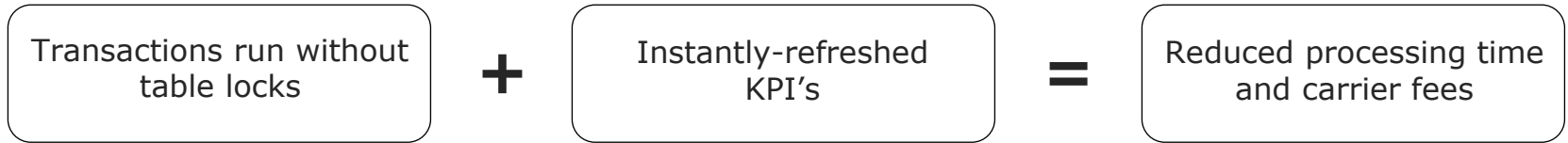
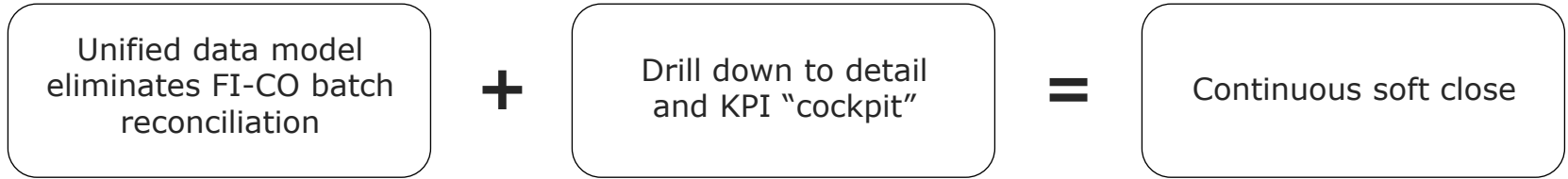
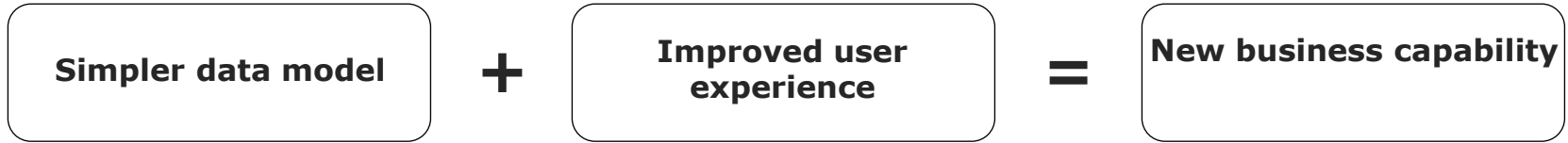
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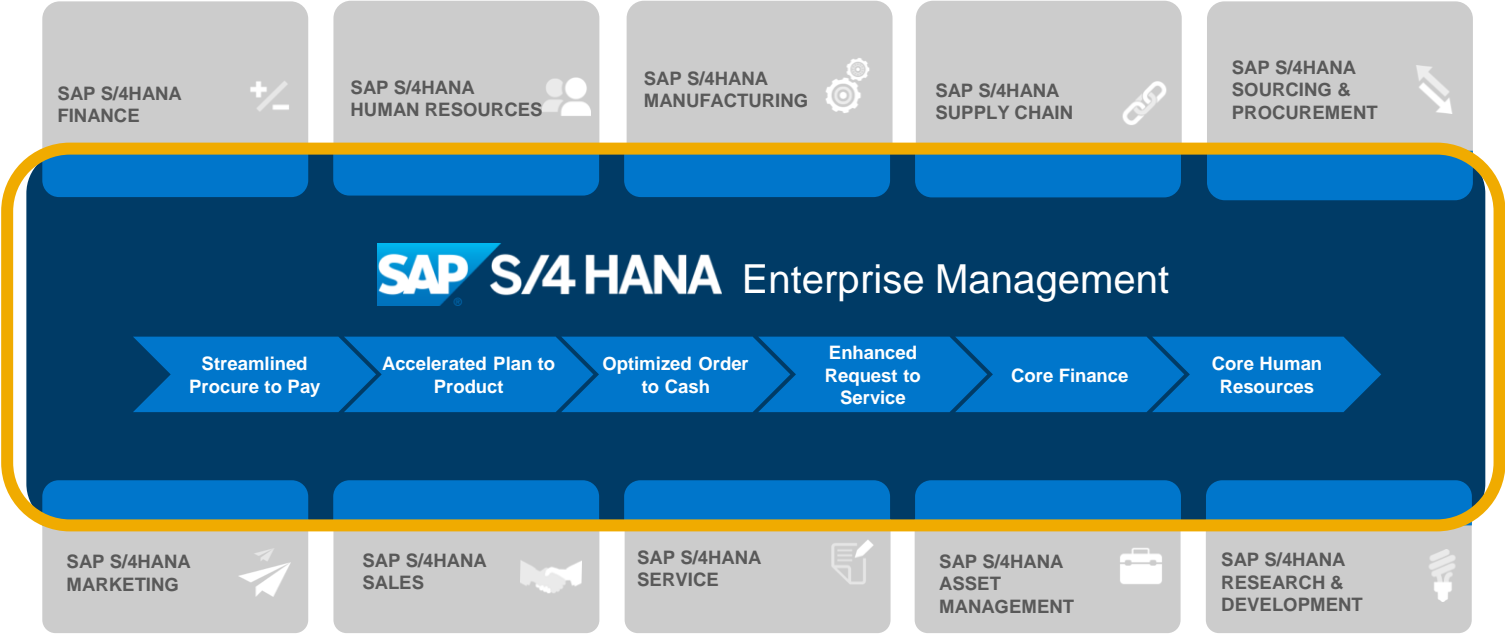
# Introduction to SAP S/4HANA

# How SAP S/4HANA is Different

Examples



# Enterprise Management: The Digital Core (1 of 3)



## From Core to Suite (2 of 3)



**SAP S/4HANA Suite**

**SAP S/4HANA Products**

**SAP S/4HANA Enterprise  
Management**

SAP and Partner solutions deployed alongside SAP S/4HANA with standard integration. Includes on-premise and cloud solutions.

Separately licensed solutions optimized for SAP HANA® and embedded into SAP S/4HANA.

Simplified processes built natively on SAP HANA and an improved UX, delivered as a user-based license.

# Supply Chain Example (3 of 3)

## CURRENT

- SAP Advanced Planning and Optimization
- Customer and Supplier Collaboration
- Extended Warehouse Management
- Transportation Management
- Supply Chain Event Management
- Integrated Business Planning
- SCM Control Tower

- Advanced rules based ATP (foundation)

- Inventory management
- Material valuation
- Production Planning / MRP
- Shipping, Receiving, Standard Warehousing
- Standard ATP

## PLANNED 2016

- SAP Advanced Planning and Optimization
- Customer and Supplier Collaboration
- Transportation Management
- Extended Warehouse Management
- Supply Chain Event Management
- Global Batch Traceability
- Integrated Business Planning
- Supply Chain Control Tower

- Extended Warehouse Management
- Finite Capacity Planning / Scheduling
- Advanced rules based ATP

- Inventory management
- Material valuation
- Production Planning / MRP
- Shipping, Receiving, Standard Warehousing
- Standard ATP

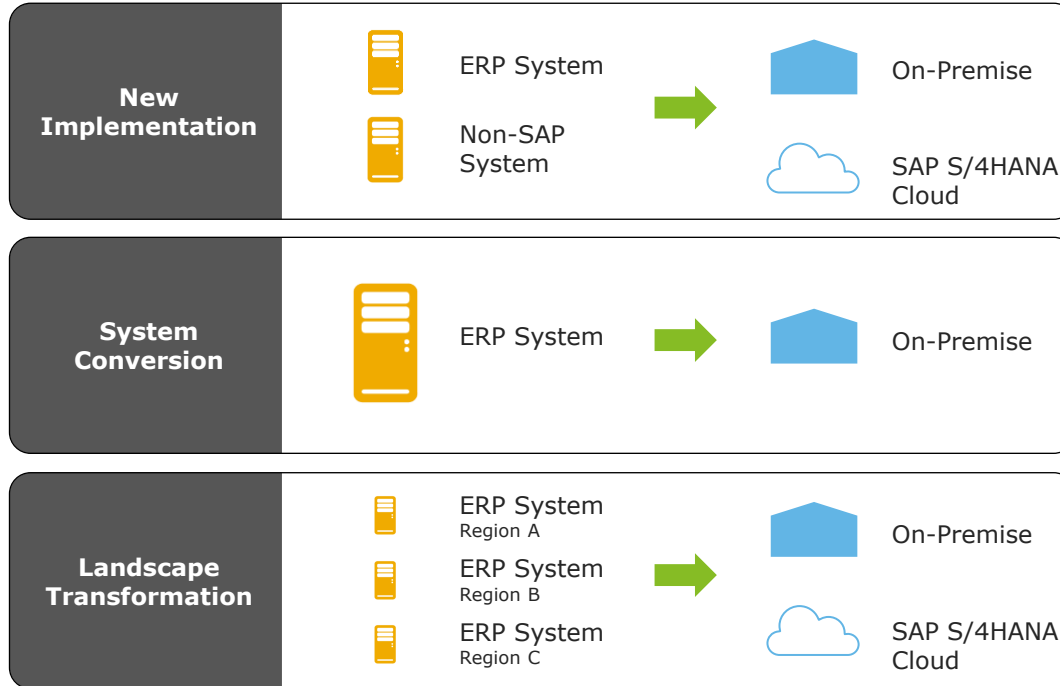
## PLANNED FUTURE

- SAP Advanced Planning and Optimization
- Customer and Supplier Collaboration
- Transportation Management
- Extended Warehouse Management
- Supply Chain Event Management
- Global Batch Genealogy and Traceability
- Integrated Business Planning
- Supply Chain Control Tower

- Transportation Management
- Extended Warehouse Management
- Finite Capacity Planning / Scheduling
- Advanced rules based ATP

- Inventory management
- Material valuation
- Production Planning / MRP
- Shipping, Receiving, Basic Warehousing
- Standard ATP

# SAP S/4HANA Adoption Paths



## EXAMPLE:

New or existing SAP Customer implementing a new SAP S/4HANA system with initial data load

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## EXAMPLE:

Complete conversion of an existing SAP Business Suite system or selective

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## EXAMPLE:

Central Finance



# Policy Driven Automation

# What Business Wants



**Agility to  
respond to  
business needs**



**Reduce cost of  
ownership**



**Improve service  
quality**

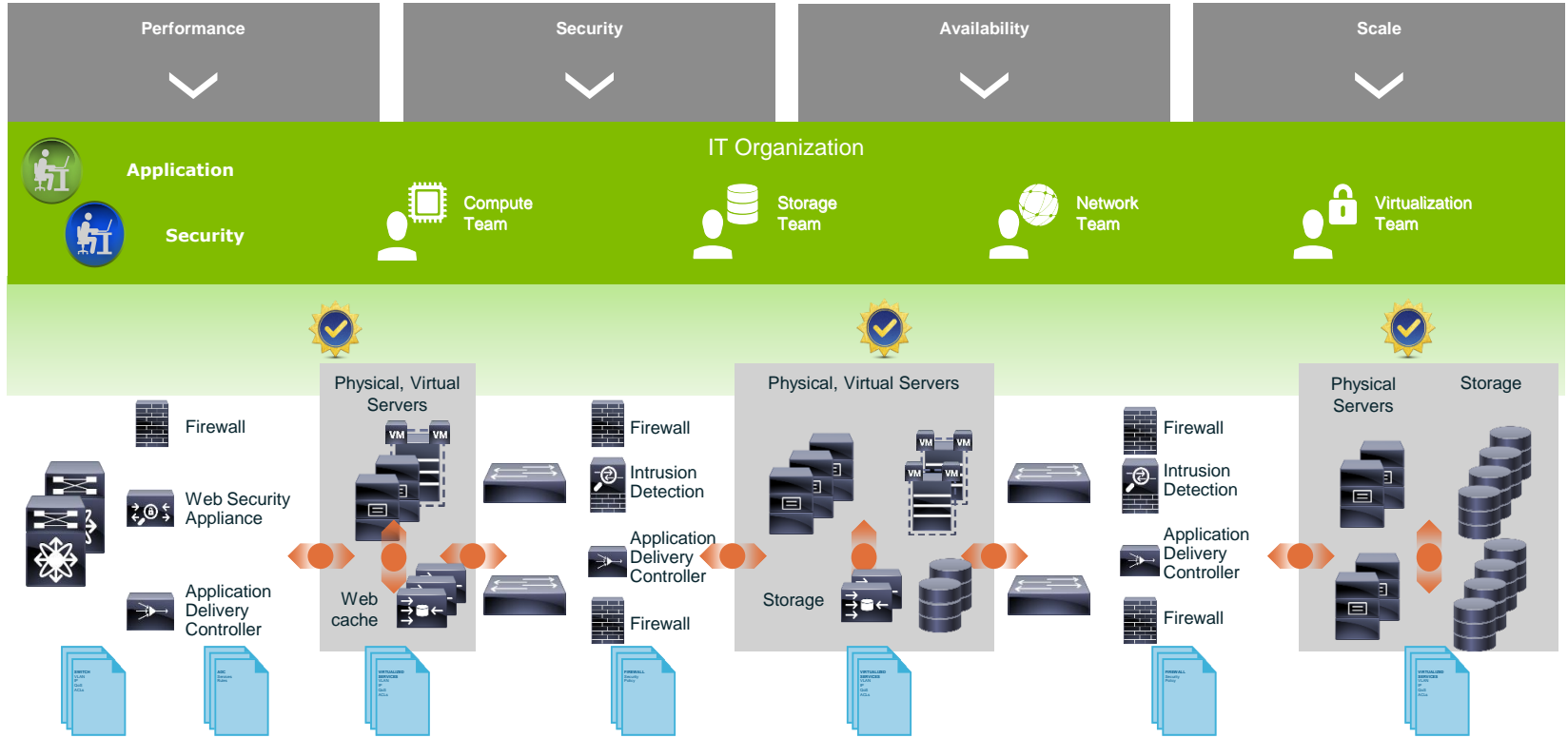
- Faster deployment
- On demand scalability for capacity
- Shorter Implementation cycle
- Lower maintenance cost
- Ensure quality implementation
- Security and governance
- Meet Compliance requirements

# What IT Wants



Ease of SAP deployment

# What IT Gets

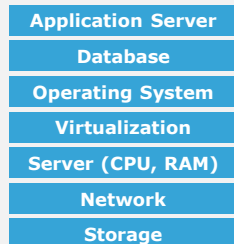


# Current SAP HANA and SAP S/4HANA Deployment Models

## Appliance



Easy



### Simple

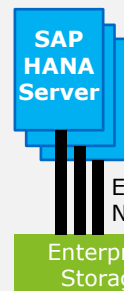
- Bundled Hardware
- Fast Implementation
- Limited flexibility in Server/Storage

## TDI

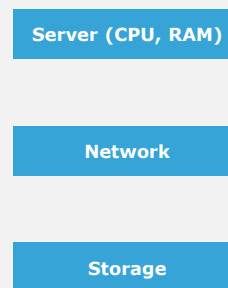
(Tailored Data Center Infrastructure)



Flexible



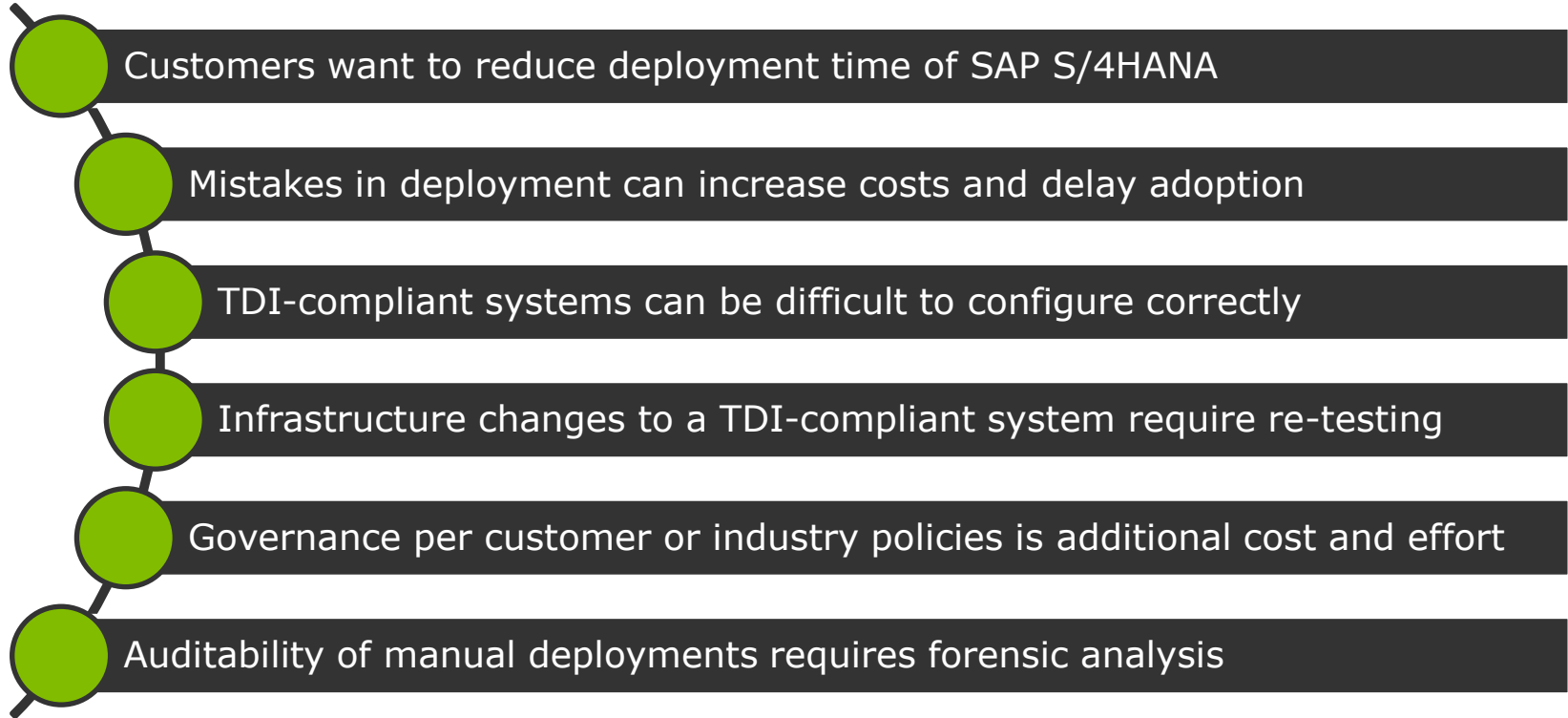
Enterprise  
Network



### Flexible

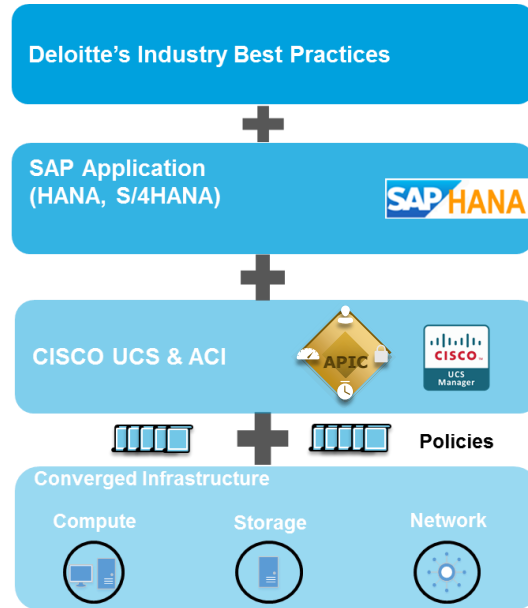
- Leveraged, Certified Hardware
- Multiple workloads on shared infr.
- Managed by customer

## Problem Statement



# 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

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**SAP**

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

# Zero Touch Delivery and Governance

Deploy SAP applications with a single click

The screenshot displays a web-based interface for service management. On the left is a navigation sidebar with icons and labels for 'Service Catalog', 'Capability Domains', 'Deployments', 'System Status', 'Policies', and 'Customers'. The main area is titled 'Service Catalog' and contains a table of 'Available Services'. A 'Deploy Service' button is visible in the top right of the table area. The table lists various services including HANA SaaS, NFS Service, NTP Service, SAP Business Warehouse with HANA SaaS, and SAP S/4HANA SaaS. The 'SAP S/4HANA SaaS' row is highlighted. An overlay dialog box titled 'SAP S/4HANA SaaS' is open, showing deployment customization options. It includes checkboxes for 'Production' and 'High Availability', and fields for 'Version', 'SID', 'Total Memory', 'HANAPassword', 'Server Root Password', 'SAP SID', 'Number Of Disks', 'Memory Per Node (GB)', and 'Password'. At the bottom of the dialog are buttons for 'Back <', 'Next >', 'Cancel', and 'OK'.

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: WH1

Total Memory: 256 GB

High Availability

Execute TDI KPI tests: None

HANA Password: \*\*\*\*\*

Server Root Password: \*\*\*\*\*

SAP SID

SID: S4H

Number Of Disks: 1

Memory Per Node (GB): 32

Password: \*\*\*\*\*

Back < Next > Cancel OK



# Leveraging Policy Driven Application Delivery

Business  
Agility

## Policy Driven TDI



## TDI

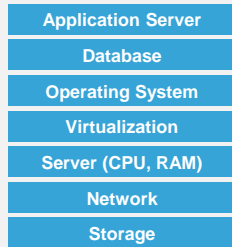
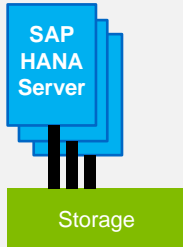
(Tailored Data Center Infrastructure) Flexible



## Appliance



Easy

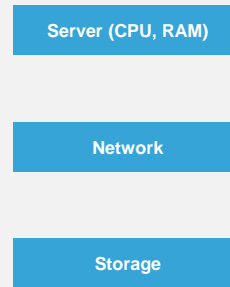


### Simple

- Scale Up
- Bundled HW
- Single workload per Appliance

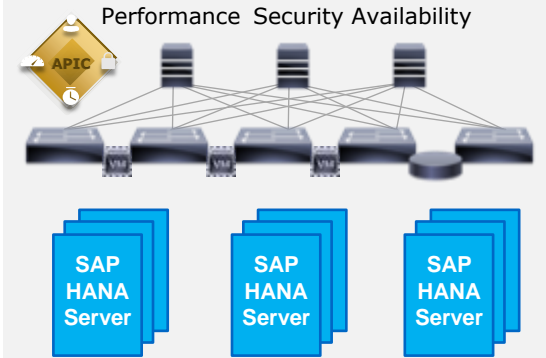


Enterprise  
Network



### Flexible

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



### Simple + Flexible

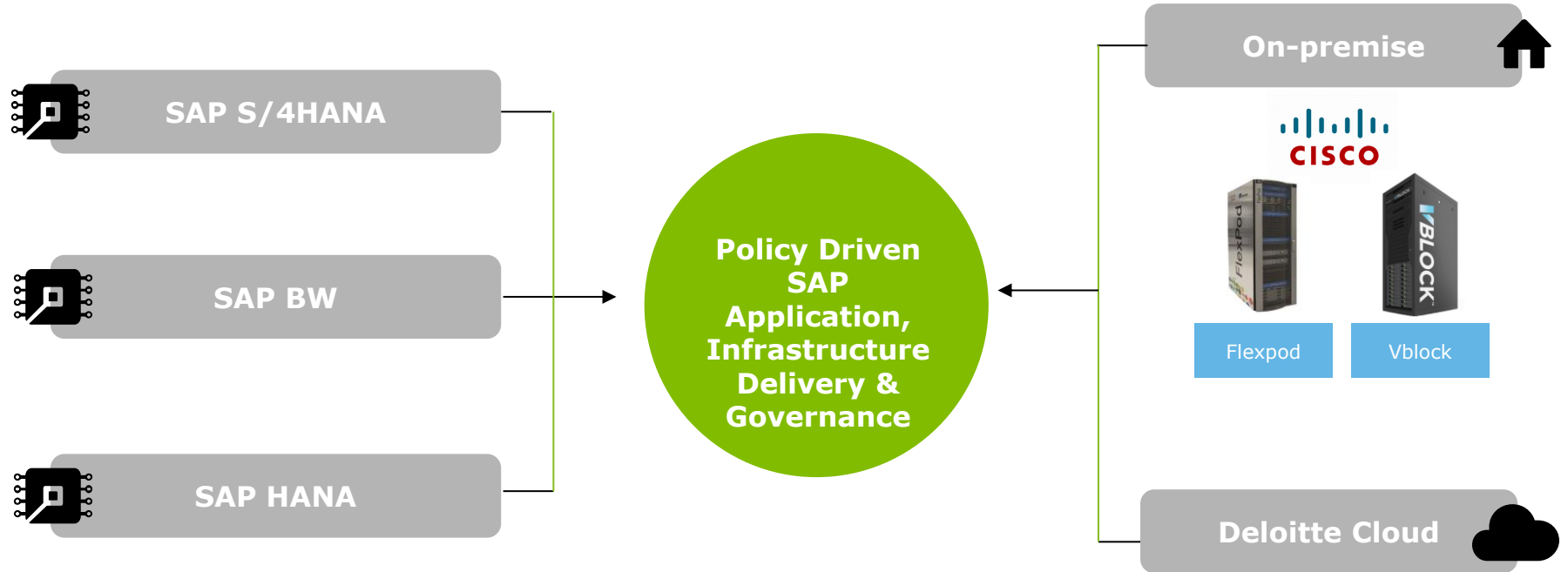
- Scale up + Scale Out
- Inherent security
- Dynamic workloads

# Benefits

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

# **Policy-Driven Delivery & Governance Demo**

# Current Availability



## 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



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