

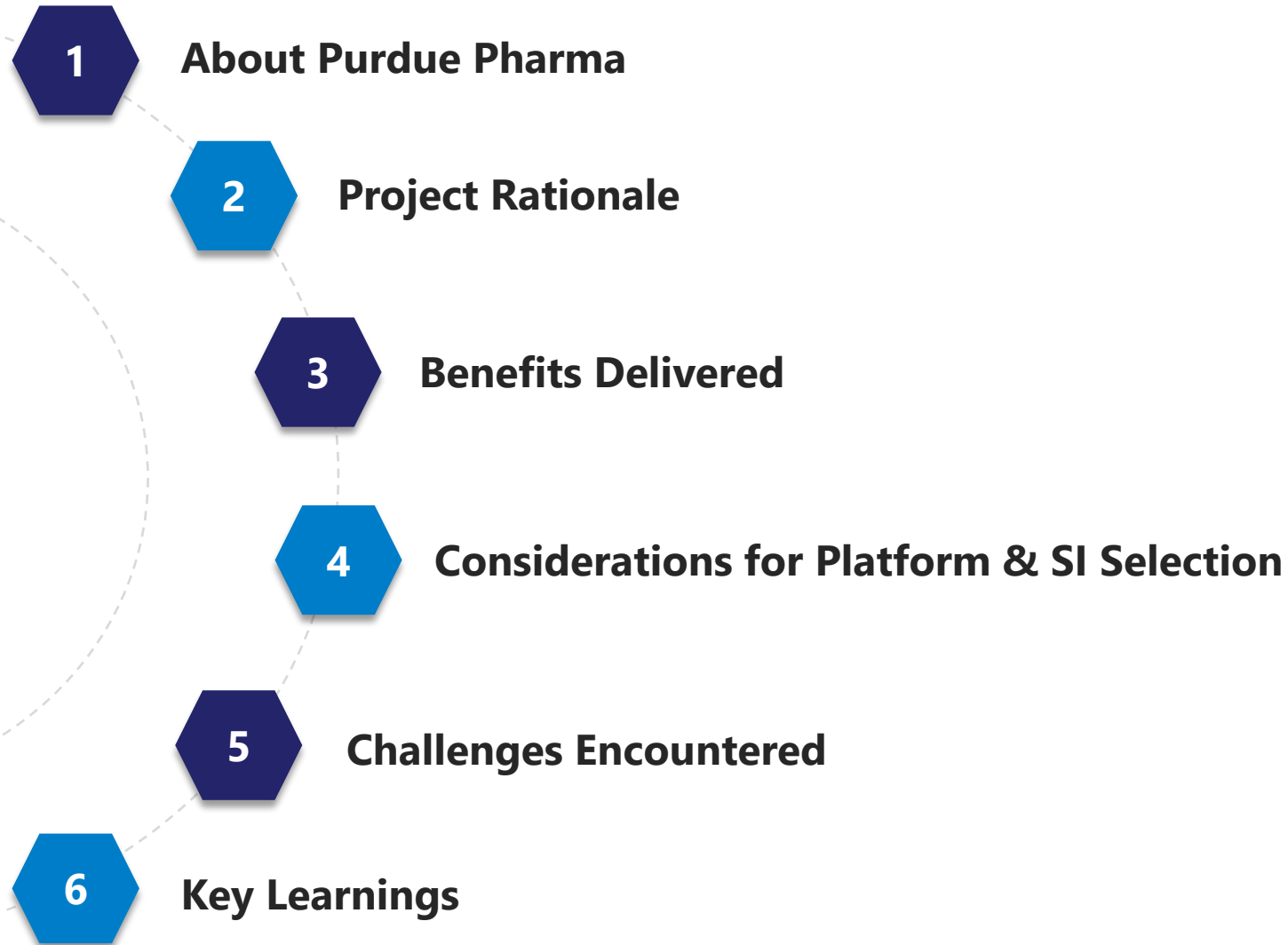


ASUG Carolinas Chapter Meeting

Digital Transformation of Purdue Pharma to
HANA Cloud on RISE with SAP

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About Purdue Pharma



Purdue Pharma L.P and its subsidiaries develop, manufacture and market medications and consumer health products to meet the evolving needs of healthcare professionals, patients, consumers and caregivers.

Our Purpose

Compassion for patients and excellence in science inspire our pursuit of new medicines

Integrity
We do what is right

Courage
We challenge convention and embrace change

Innovation
We apply creative and agile thinking to generate solutions

Collaboration
We work together to meet our commitments and goals



Project Rationale



END-OF-SERVICE LIFECYCLE

End-Of-Service-Lifecycle of the On-Premises Datacenters (Primary and Disaster Recovery)



VALUE ADDED SERVICES

Path for potential implementation of S4 HANA, to enable VAS supporting GxP regulations, Cybersecurity posture and vulnerability remediation.



SUPPORTABILITY

Limitation on mainstream support for SAP ERP on non-SAP clouds



MIDDLEWARE MANAGEMENT

Digital transformation of middleware



COST AVOIDANCE

Increased operational expenditure for maintaining on-premises infrastructure.



SCALABLE ENVIRONMENT

Flexible environment, capable of auto-scaling to meet ADHOC and seasonal demands with minimal downtime.



Benefits Delivered

Improved System Performance

- **15-20%** System Performance improvement with introduction of SAP HANA database.
- SAP applications are upgraded to a stable, secure and **Highly Available** environment through SAP RISE
- **Improvements** in Integration Framework
- **Pre-built content** ready to use.

Base platform for the potential S/4HANA journey

- The migration initiative is the stepping-stone for **Purdue's potential ERP transformation journey.**
- Aligned with **Purdue's architectural standards**

Hardware Resource Optimization & Scalability

- HANA Database provides the data compression rate (approximately **4 to 1**) resulting in **storage optimization.**
- Scalability **based on need** & Utilization.
- **ECS cloud migration approach** while maintaining robust disaster recovery capabilities.

Reduced Complexity & Maintenance free

- **Optimized SAP licenses** by retiring few SAP applications and reducing the complexity
- Retired the **multiple vendor support.**
- **Simplified SAP architecture** in a unified cloud environment.

Cybersecurity and GxP compliance

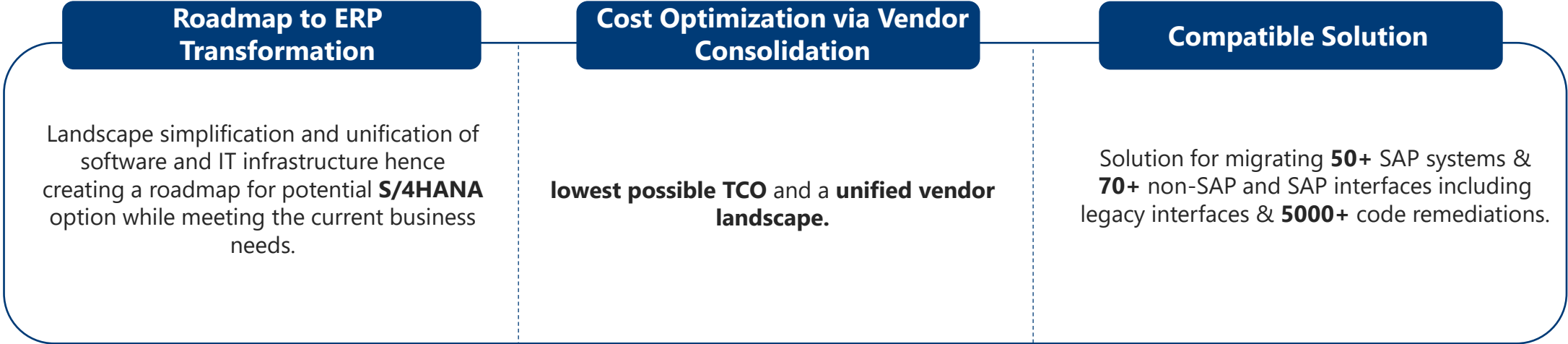
- **Robust security posture** following industry recommended best practices.
- Deployed **comprehensive, validated, and documented** set of security controls
- **Automatic scanning** of cloud environment
- **Automatic remediation** of non-compliant resources
- **GxP compliance** in Life Science/Healthcare Industry is enabled

*ECS - Enterprise Cloud Service

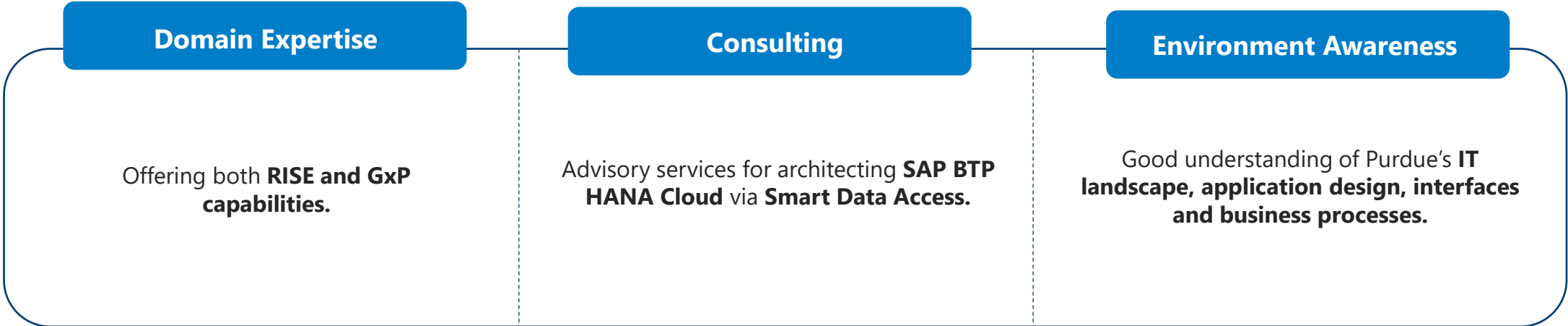


Considerations for Platform & SI selection

Consideration for Platform Selection



Selecting Cognizant as SI provider?





Challenges Encountered and How they were addressed

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Challenges Encountered	How they were addressed
Restricted Operating System access.	Partners coordinated with ECS* for Operating System tasks and Meticulous Planning minimized the impact.
Data transfer from source to target	Preferred to use Premium SSD storage with additional IOPS and Disk Striping.
Timing of commissioning of the Cloud Infrastructure	Cloud Infrastructure provisioning as per Project plan
Preprod not in original plan	Reused Production hardware for mock exercises.
Downtime Optimization	Multiple Mock exercises and a Phased go-Live approach
Communication challenges from OCI to SAP HANA cloud	Connectivity was established using SDA/RTR
APO and BW migration challenges faced due to historical unused data	Data cleansing and regular housekeeping was performed in advance

*ECS - Enterprise Cloud Service



Key Learnings

1

To perform parallel migrations, it is beneficial to use **multiple LT (staging) servers**.

2

Migration and **upgrade** of content server 6.50 to 7.53 should be performed along with **OS/DB upgrade**.

3

Perform multiple **MOCK** exercises in order to achieve precise cutover plan and adopt **phased migration approach** to minimize downtime and risk.

4

Prepare production infrastructure and readiness for the **Go-Live**, by performing an **end-to-end mock rehearsal**.

5

SFTP is the recommended approach as **SSH** connectivity is restricted on **RISE** due to security controls.

6

Conduct **Storage Optimization** through out the project life cycle.



Thank you