



Implementing real time reporting and accelerated performance on a robust infrastructure

**Agile
Innovative
Value**

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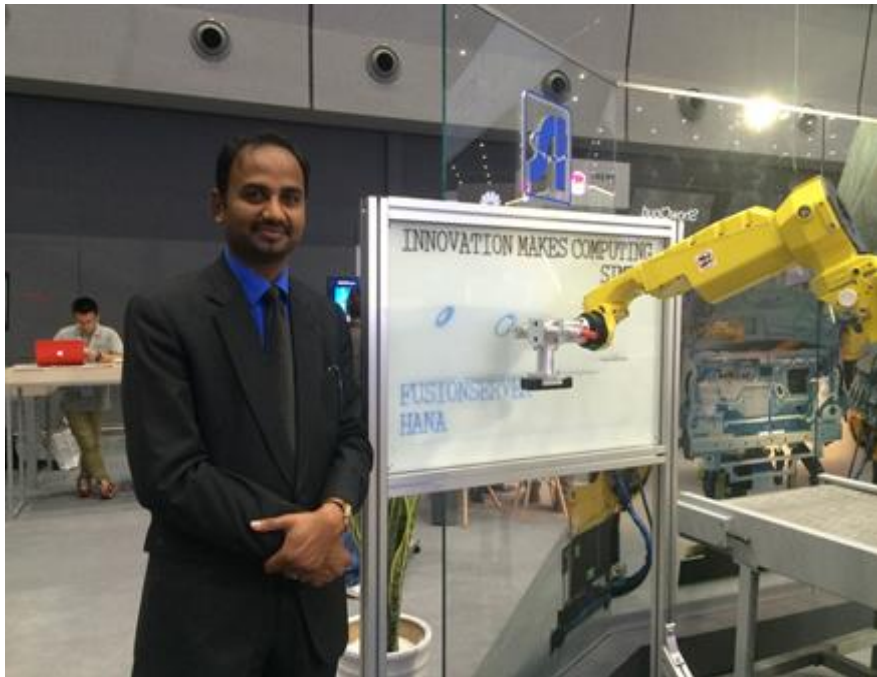
Focus

Support

Collaboration

Trust

Who Am I



Name

Sudesh Lourdes

Home

Wellington

Employer/Portfolio

**SYD Consulting Ltd. / SAP
HANA Lead**

Work Motto

**To generate ideas, solve
problems and establish
relationships**

What is SAP HANA

HANA – High Performance Analytic Appliance

The Platform for Next-Generation

Applications and Analytics

Radically simple. Astonishingly fast. SAP HANA lets you take in massive amounts of data and lets business users get vital information out -- and act on it -- in real time.

SAP

Delivery

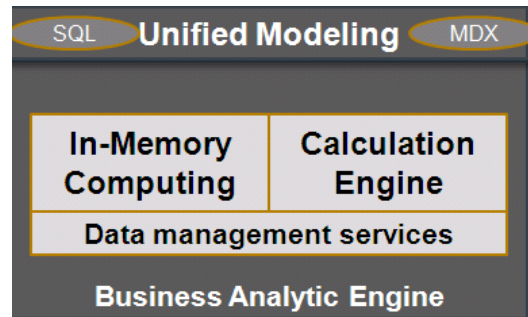
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HANA is a combination of Software and Hardware



**In-Memory
Computing Engine (Software)**

+



Pre-Installed Systems (Hardware)

Delivery

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Delivery

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With SAP HANA you can make live decisions based on information captured. The time between a transaction or event and your ability to act is drastically reduced.

A utility provider can provide customers with detailed consumption patterns and use them to structure a compelling charging model that is instantly matched to the utility's resourcing plans.



A fashion retailer can see what styles are in demand quickly ensure supply is there before customer shifts a competitor



A telco sees that a customer's usage pattern has declined but he is making more overseas calls. It is able to profile his calling patterns and offer a more appropriate tariff before he is targeted by a competitor.



Pizza Chains will quickly realise the type of base that is not in stock and replenish before customers change their mind.



Delivery

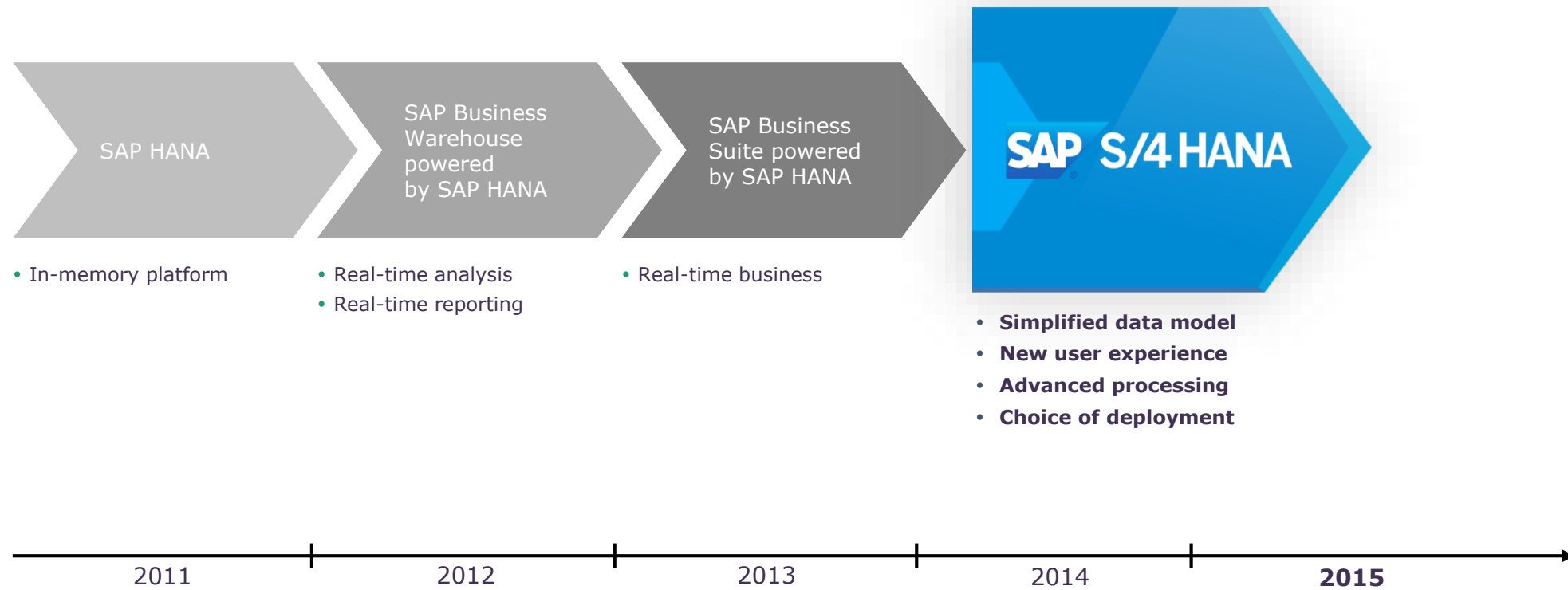
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SAP HANA Roadmap



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Customer Case Study



Customer

Hillarys Blinds

Industry

Retail/Manufacturer

Solution

SAP HANA Appliances comprising RH5885H V3 and RH8100 Rack servers

Business Needs

- A scalable, reliable and cost effective infrastructure solution to support migration to SAP HANA
- A trusted and reliable strategic IT partner
- Transformation into a digital business

Results

- Successful implementation of the Huawei solution
- Complete peace of mind for Hillarys as it migrates to SAP S4/HANA®
- A platform that will develop with Hillarys changing requirements

The Customer Business Challenge

❖ Test run

✓ SAP HANA can only be acquired as an appliance

❑ ***Solution : Proof Of Concepts first***

❖ Operating System platform is Linux and Red Hat

❑ ***Solution : Partner Support***

❖ Robust Data Migration

❑ ***Solution : Work with people who have done it before***

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❖ Board Approval

✓ Understanding the business pain points i.e. how will SAP HANA improve the business and justify value

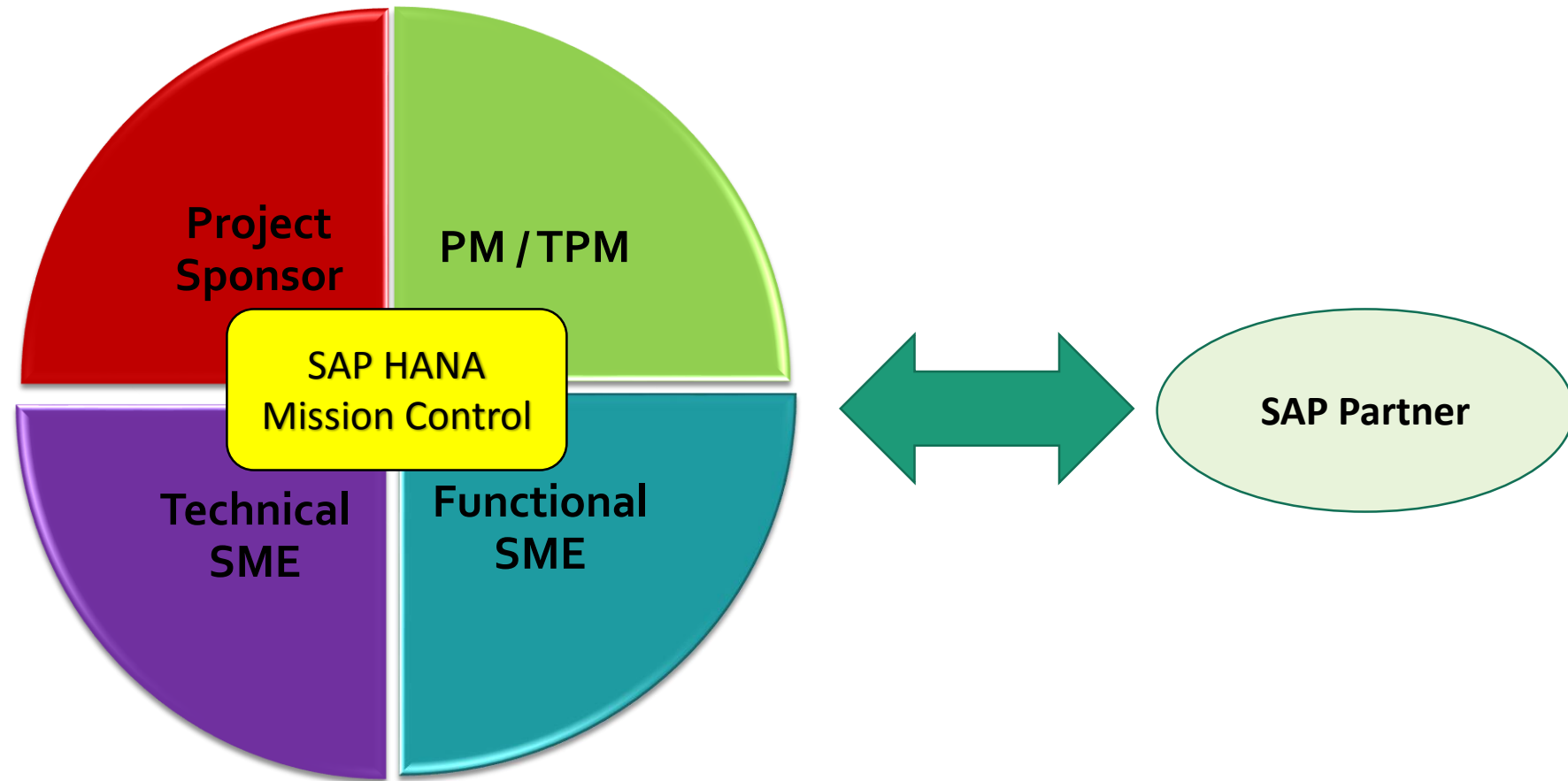
❑ ***Solution : Business Road Map***

❖ Other Platforms

✓ Other DB platforms offer the same technology so how to narrow the gap between SAP HANA and the competition

❑ ***Solution : Technology Road Map***

Project Kick Off



Delivery

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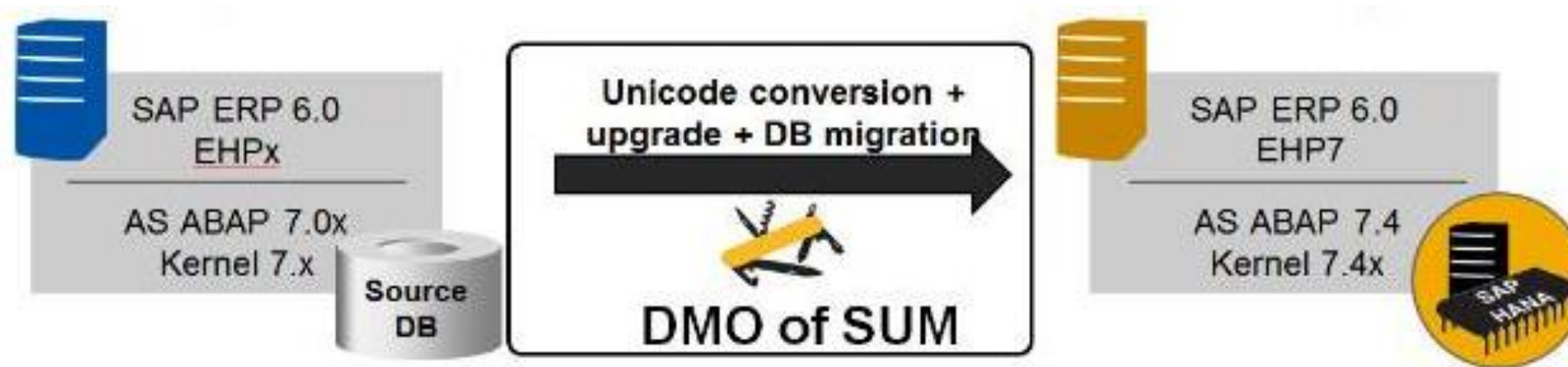
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SAP HANA Data Migration

❖ In a SAP Environment that requires an application upgrade before performing a SAP HANA Migration, the DMO (Database Migration Option) method is performed :-

- ✓ Non-Unicode
- ✓ Older EHP version



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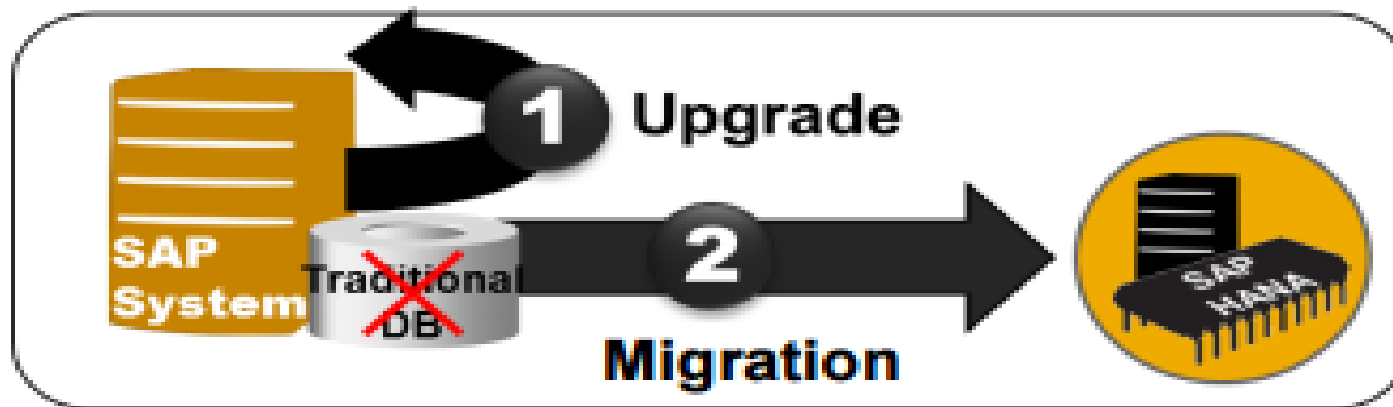
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❖ In a SAP Environment with the application versions ready for SAP HANA Migration, the classical method is performed:-

- ✓ Unicode Ready
- ✓ HANA Supported EHP version



Delivery

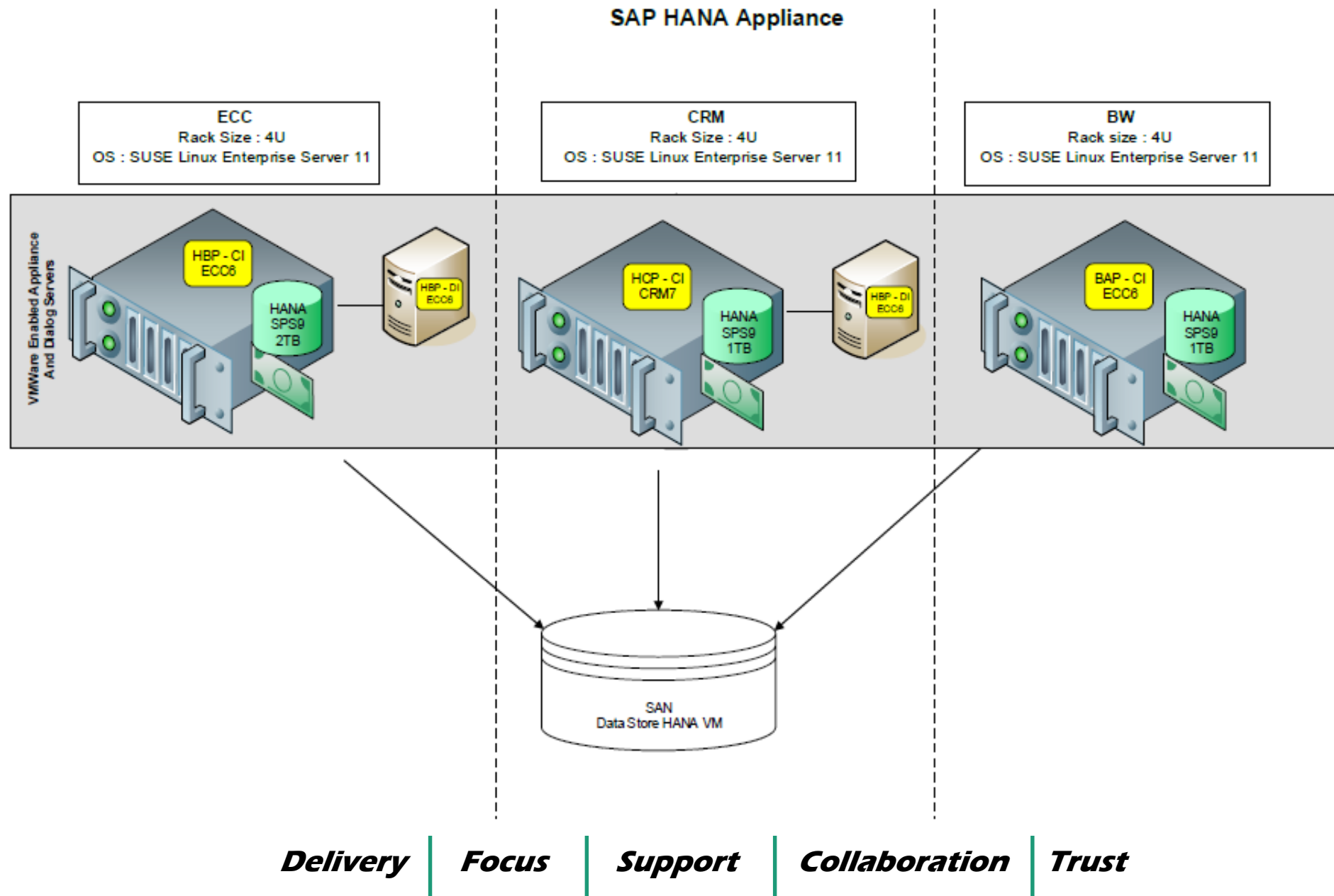
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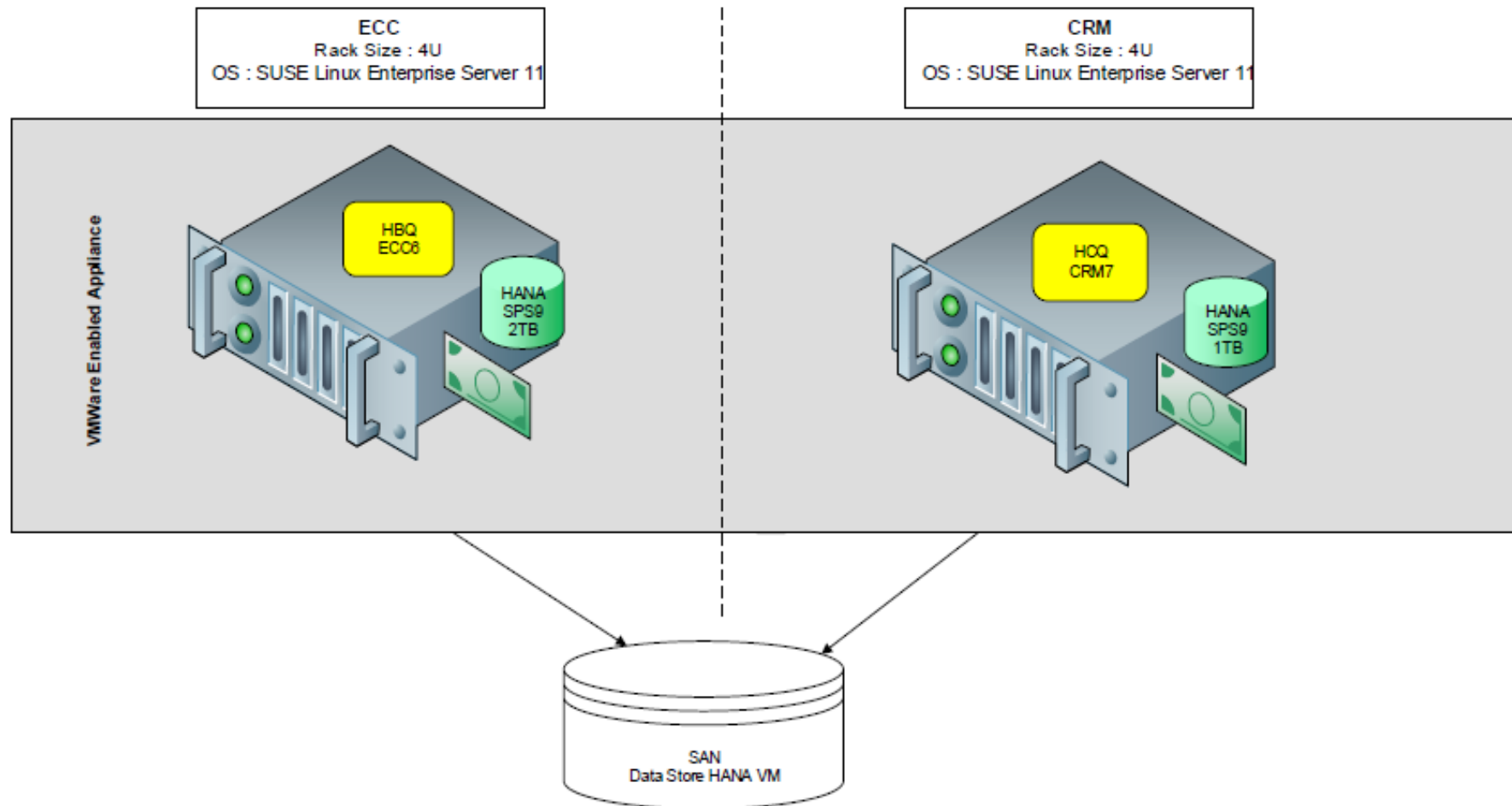
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Hillarys SAP on HANA Production Landscape



SAP HANA Appliance



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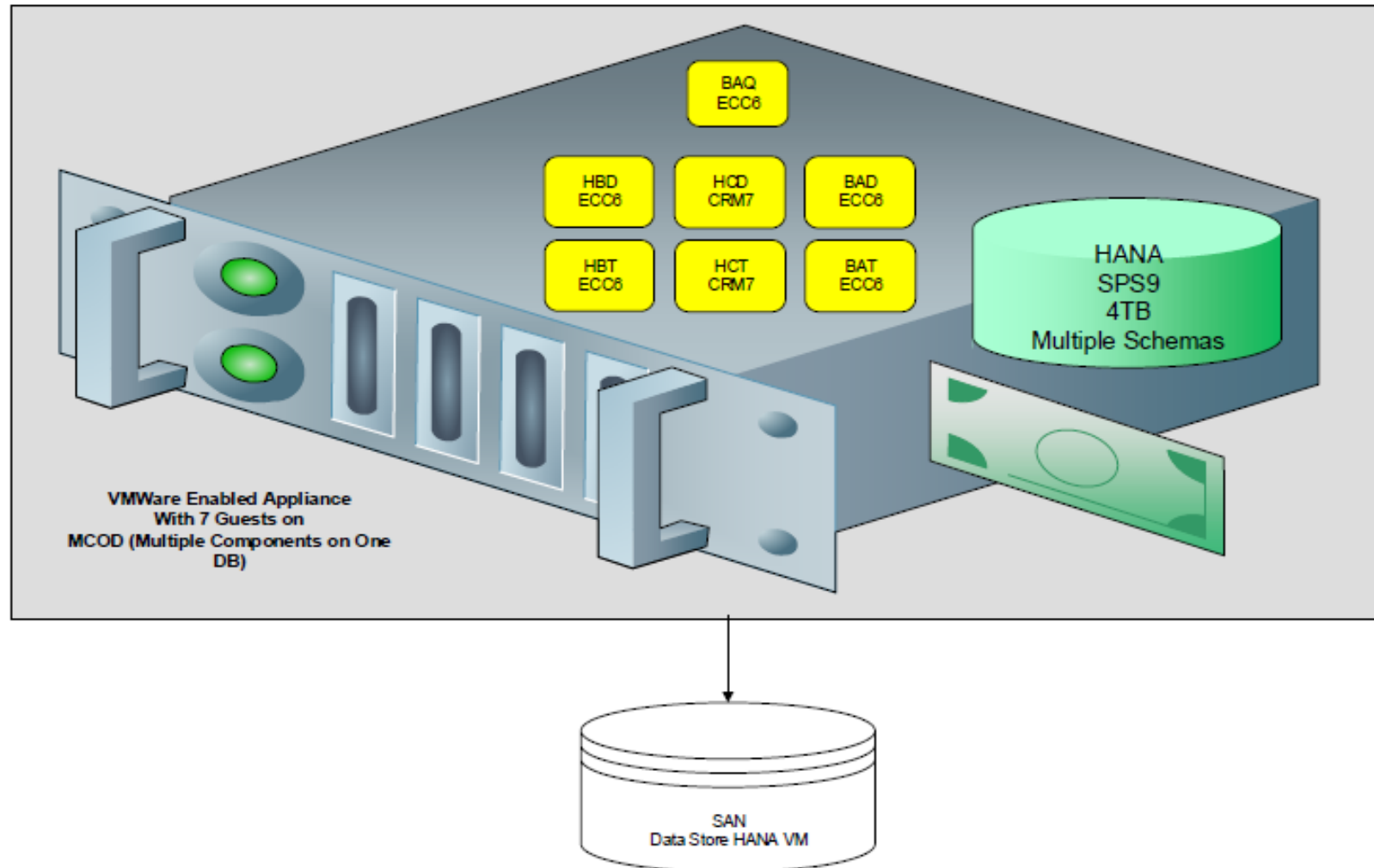
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SAP HANA Appliance

BW QA, ECC/CRM DEV & Training
Rack Size : 8U
OS : SUSE Linux Enterprise Server 11



Delivery

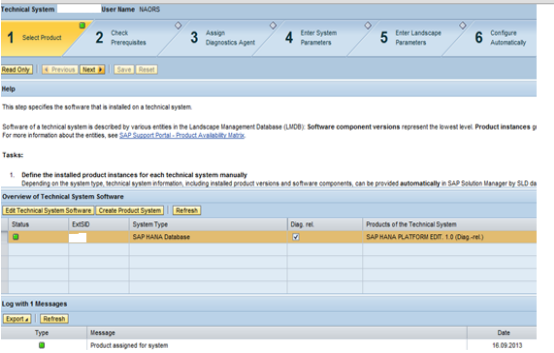
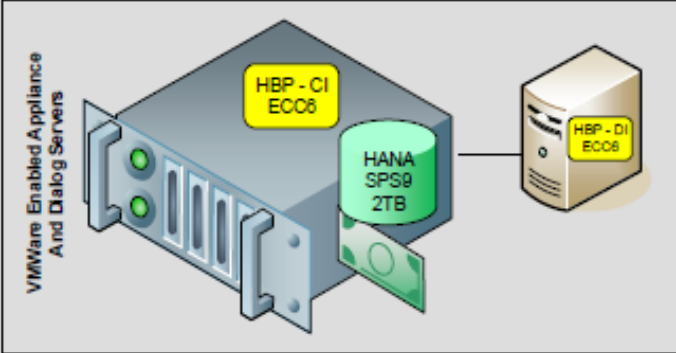
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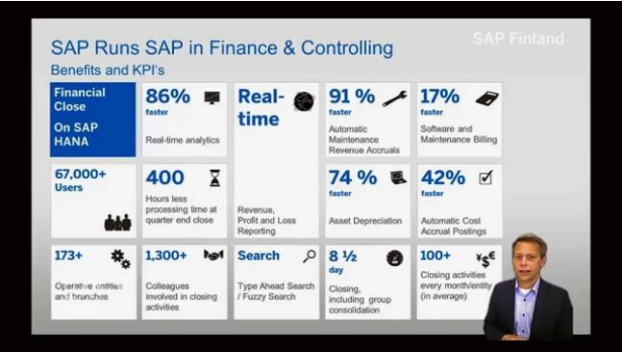
Collaboration

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Simple Finance

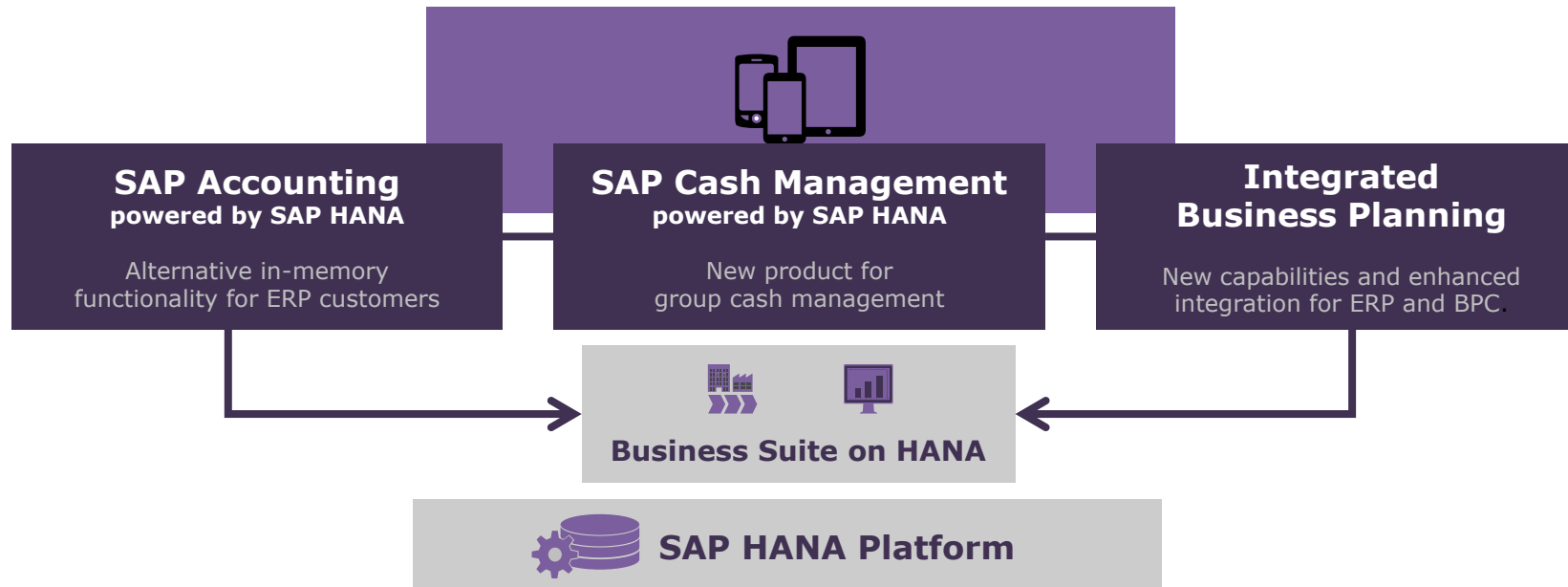


Internal Migration/SPRO



SFIN Checklist / FICO SME

The End Result



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Hillarys Project Challenges

- ❖ Virtualisation and SAP HANA compatibility issues
- ❖ DMO tool is new, numerous errors that delayed project by 2 months
- ❖ Testing scripts not up to date
- ❖ SAP Global Support delayed involvement
- ❖ Managing Communication within project teams and vendors

Learnings from this project

- ❖ Involve virtualisation vendor during project
- ❖ Mitigate the risk of using DMO and classical migration method in detail
- ❖ Review test scripts and the need for double testing. Use solution manager as the testing tool
- ❖ Confirm SAP Global Support resource before the project starts
- ❖ Define communication methodologies and update frequency

Conclusion

SAP HANA and S/4HANA is the future of all enterprises going forward. Renowned as the most stable in memory platform for SAP Systems, the Database Migration task is a crucial piece.



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