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Americas' SAP Users' Group

Extending your S4 system using SAP Cloud Platform & physical devices

Brenton O'Callaghan & **Chris Kernaghan** from **Mindtree Ltd**.
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SAP | SAPPHIRENOW | ASUG ANNUAL CONFERENCE

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About the Speakers

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Global Head of SAP Database & Technology

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Why are we here?

To talk about a real extension of an S/4HANA system using the SAP Cloud Platform and physical devices
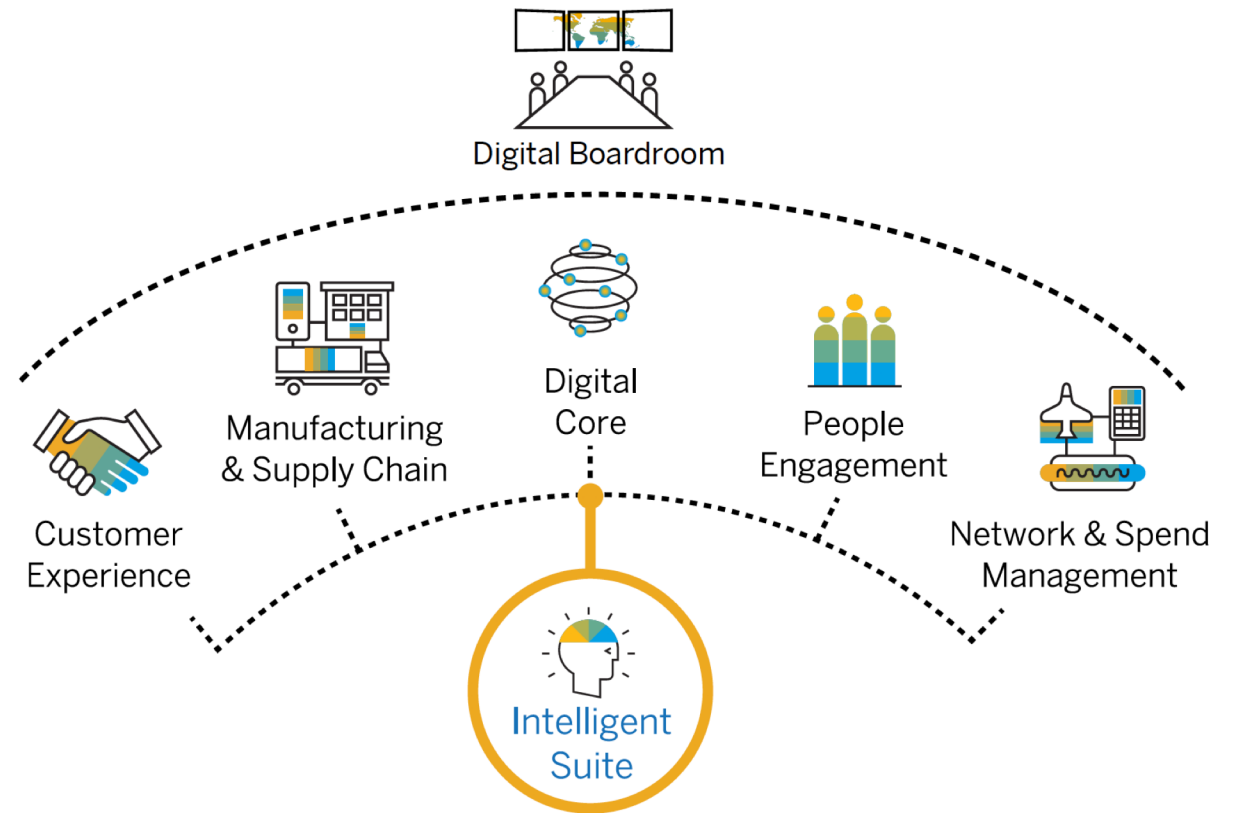
Why are we here?

We are here to show that
it's possible in weeks

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Why are we here?

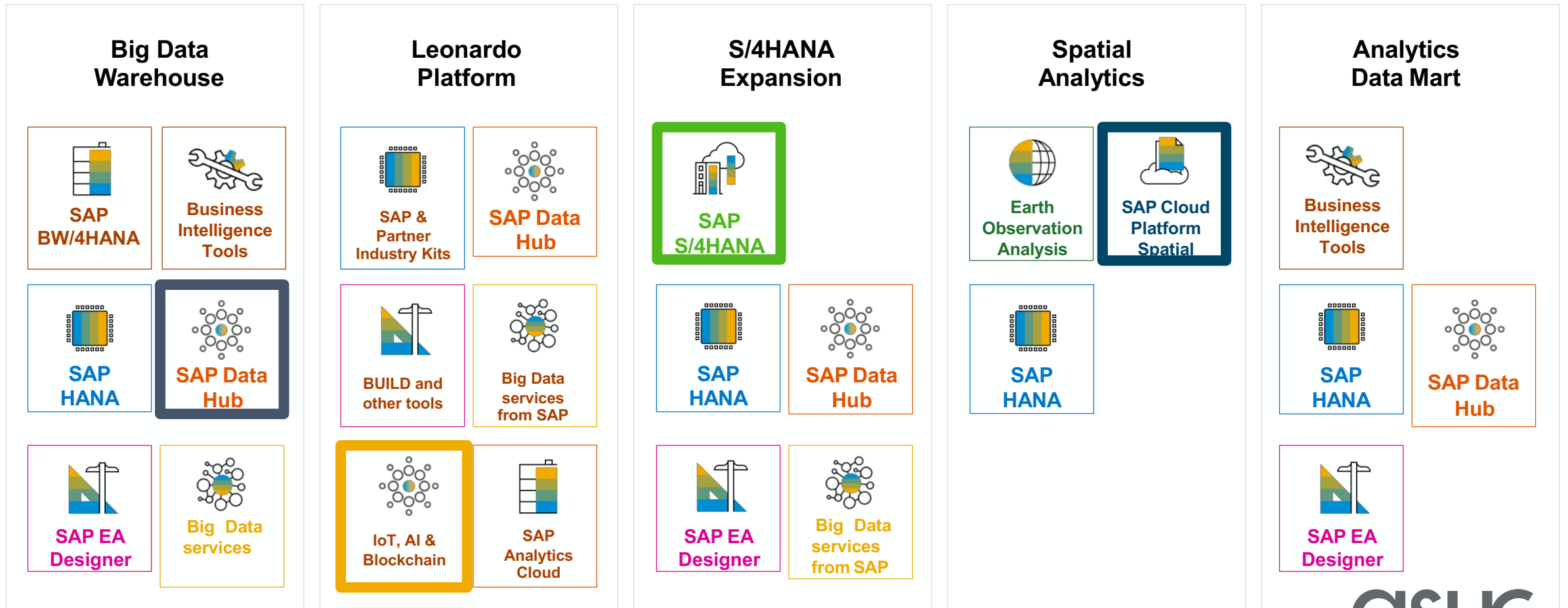And we're here to talk specifics on how we did it!

S/4HANA has evolved

S/4HANA is more than just your ERP system – it can be at the center of your innovation strategy
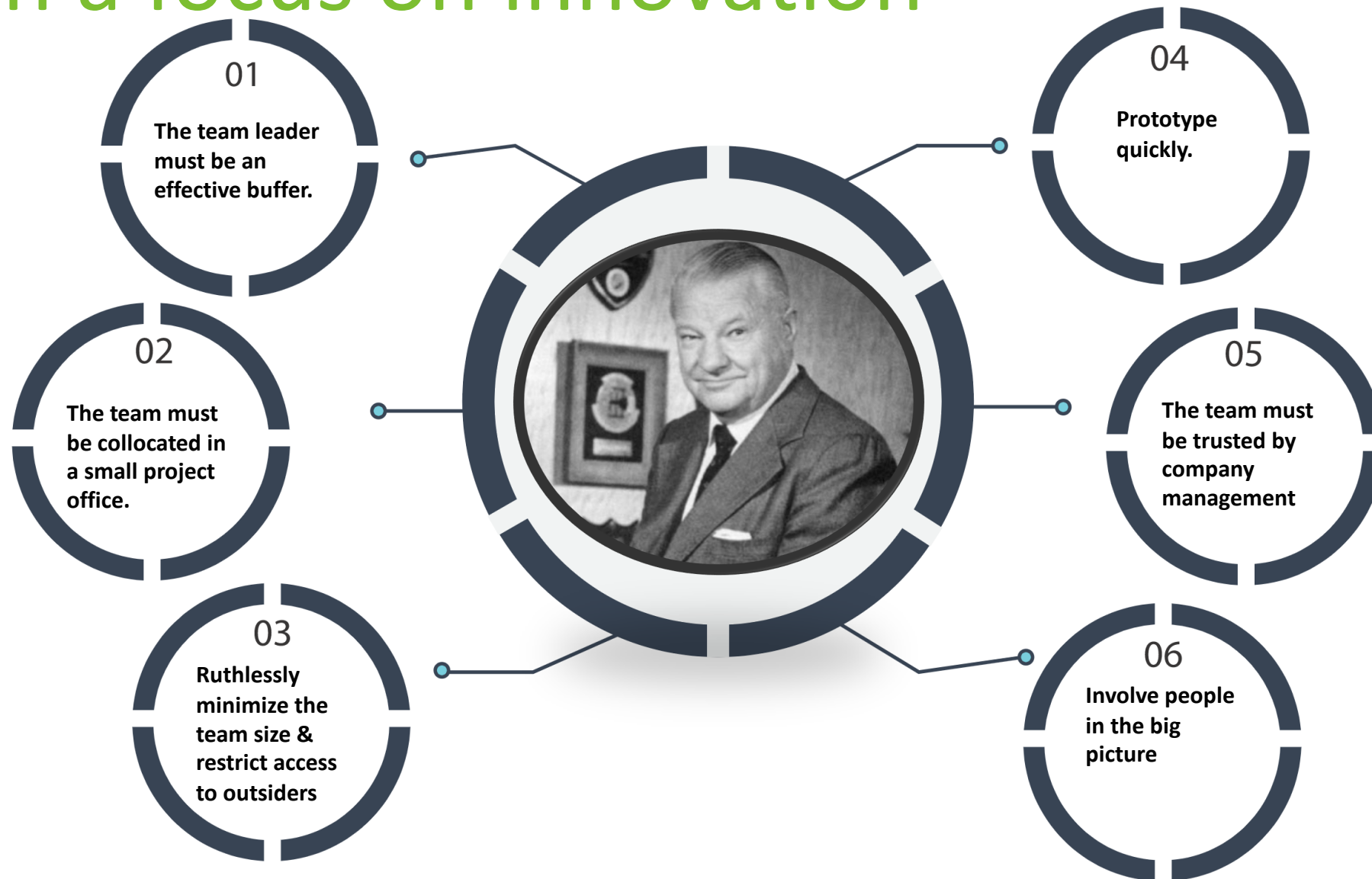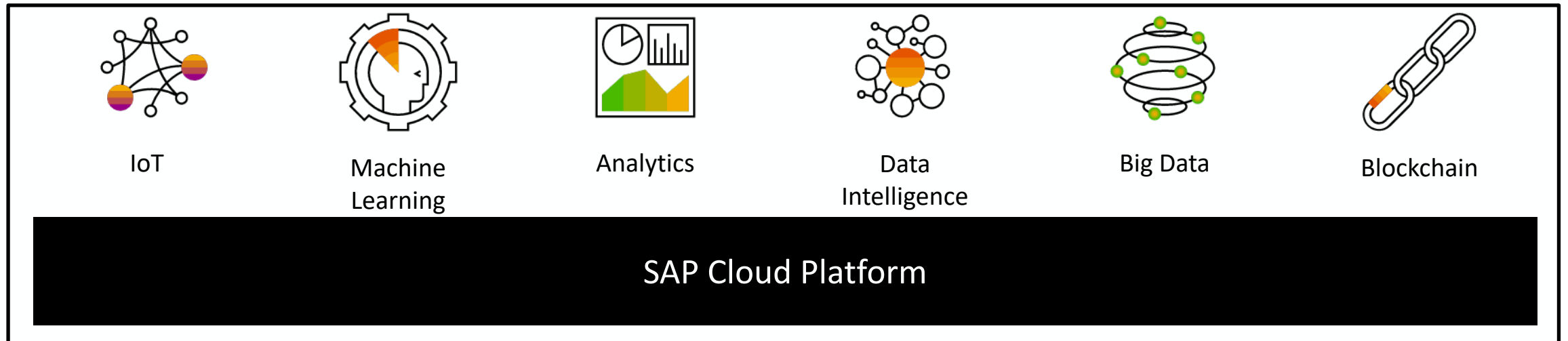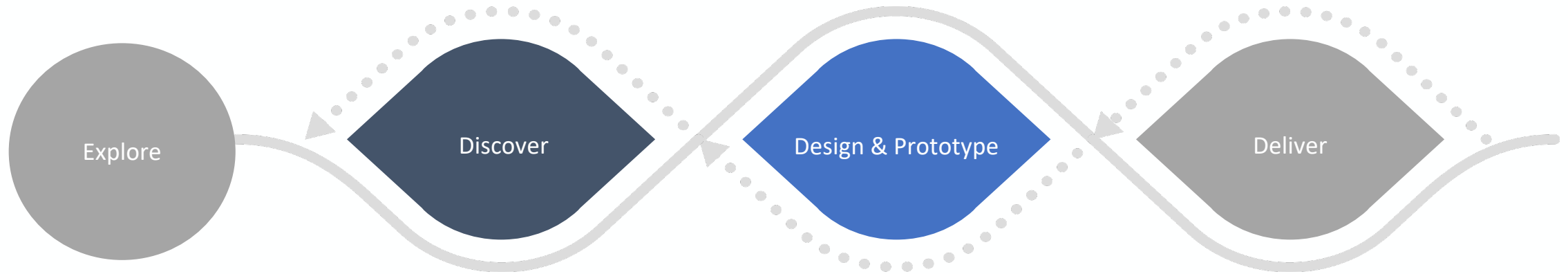
And S/4HANA is supported by a larger ecosystem

Multiple Patterns from One Architecture

Big Data Warehouse

- SAP BW/4HANA
- Business Intelligence Tools
- SAP HANA
- SAP Data Hub
- SAP EA Designer
- Big Data services

Leonardo Platform

- SAP & Partner Industry Kits
- SAP Data Hub
- BUILD and other tools
- Big Data services from SAP
- IoT, AI & Blockchain
- SAP Analytics Cloud

S/4HANA Expansion

- SAP S/4HANA
- SAP HANA
- SAP Data Hub
- SAP EA Designer
- Big Data services from SAP

Spatial Analytics

- Earth Observation Analysis
- SAP Cloud Platform Spatial
- SAP HANA

Analytics Data Mart

- Business Intelligence Tools
- SAP HANA
- SAP Data Hub
- SAP EA Designer

With a focus on innovation

01
The team leader must be an effective buffer.

02
The team must be collocated in a small project office.

03
Ruthlessly minimize the team size & restrict access to outsiders

04
Prototype quickly.

05
The team must be trusted by company management

06
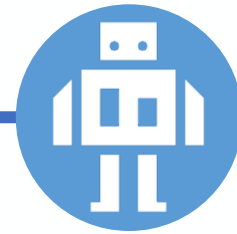Involve people in the big picture

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Our scenario

Customer places an order for an item to be delivered immediately

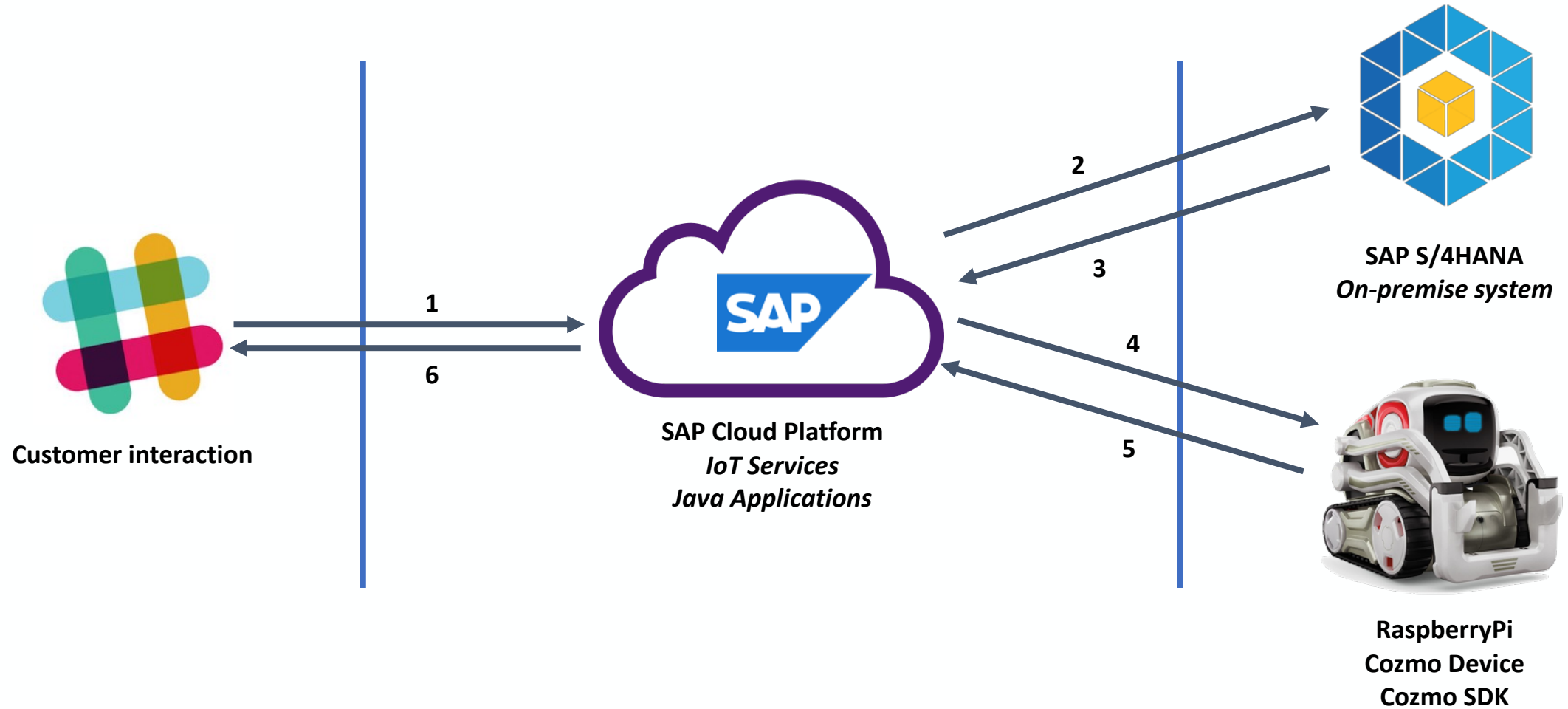**That customer, order and delivery is created within an SAP S/4HANA system**

The product is automatically picked and sent for shipment to the customer

The customer receives the shipment and the invoice is sent

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Demo technical architecture

Customer interaction

1

6

SAP Cloud Platform
IoT Services
Java Applications

2

3

4

5

SAP S/4HANA
On-premise system

RaspberryPi
Cozmo Device
Cozmo SDK

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Skill sets & activities

Functional skills
Odata
ABAP

Java
Node.js
SAP Cloud Platform
API integration

Python
Cosmo SDK
Raspberry Pi

Cozmo in action

Owing to size restrictions – you can view the video of our demo on YouTube at:

https://youtu.be/QHXDhRq0NAw

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Talk to us after if you want to know more

LET'S SEE IT IN ACTION

Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:
http://info.asug.com/2019-ac-slides

Q&A

For questions after this session, contact us on:

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  - @BoobBoo
- E-mail:
  - Brenton.ocallaghan@mindtree.com
  - Chris.Kernaghan@mindtree.com

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