



SAP Leonardo Live

Not just another business conference

Transform Enterprise Mobility with Apple and SAP

Pascal Lessard, Product Manager, SAP

PUBLIC

Agenda

Mobile Apps

- Mobile apps as digital transformation catalysts

Apple and SAP Partnership

- What the Apple and SAP partnership represents

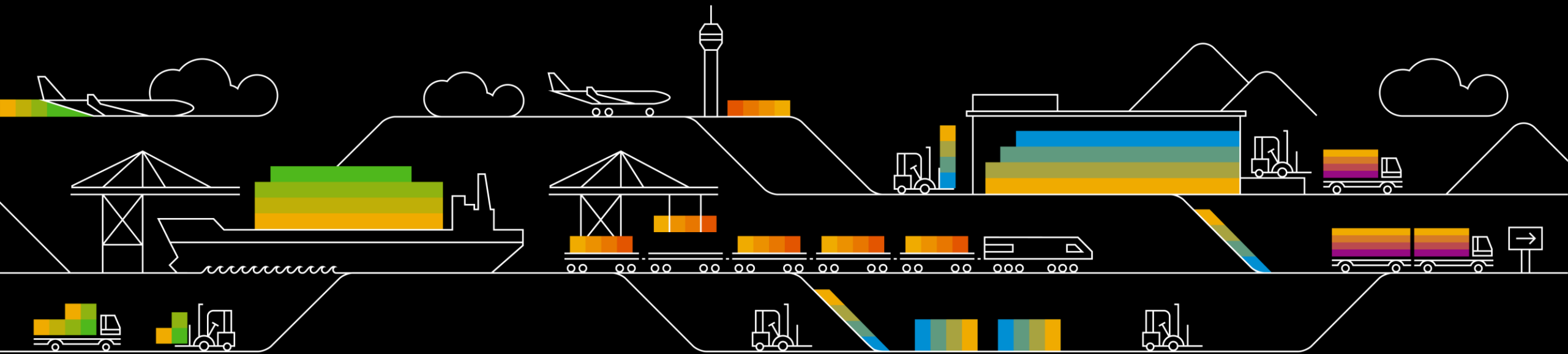
SAP Enterprise Applications for iOS

- Next-generation asset-centric mobile solutions

Demo

- SAP Asset Manager demonstration

Mobile Apps

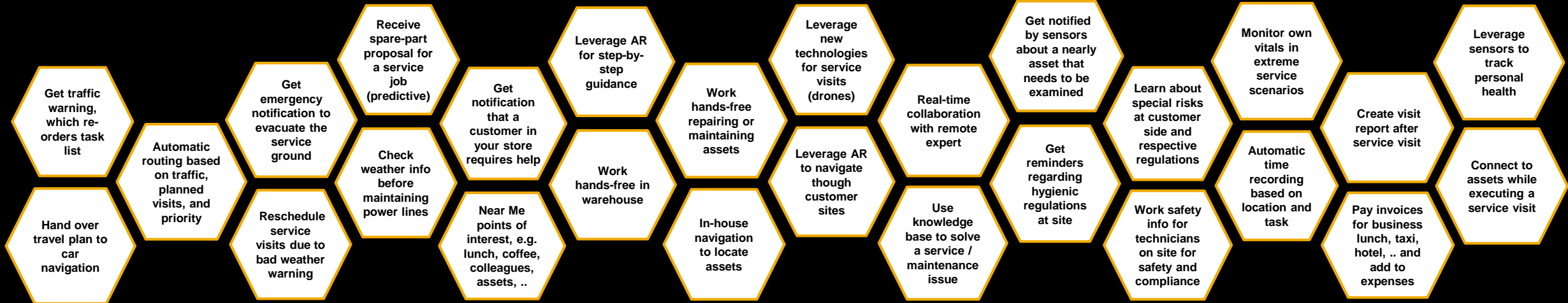


The mobile mind shift

**“The expectation that I can
get what I want in my
immediate context and
moments of need”**

http://blogs.forrester.com/josh_bernoff/14-05-19-why_you_should_read_the_mobile_mind_shift

Mobile moments in the enterprise



On the road



While traveling



Special places or sites



In Hotel Room



In meetings



On the road

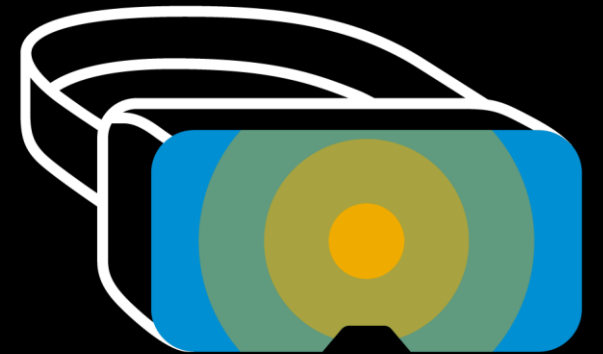
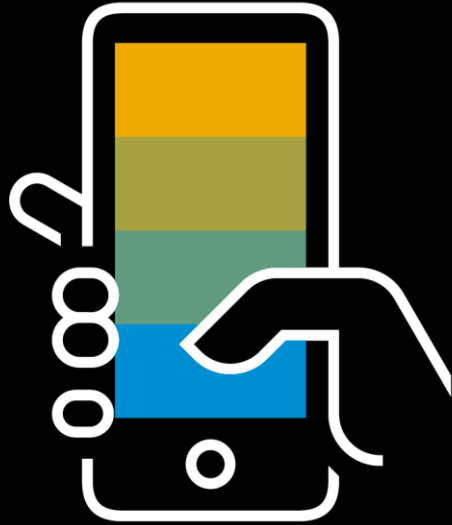


At customer office



At home

Devices



Apple and SAP Partnership



Apple and SAP partnership

“As promised, SAP is delivering real-time enterprise software to iOS devices, transforming core work processes for companies of all sizes with powerful native apps built specifically for **iPhone and iPad.**”

<http://news.sap.com/mwc-sap-simplifies-work-empowers-mobile-workforce/>

Apple and SAP partnership – key deliverables



Process transformation



SAP Cloud Platform SDK for iOS



SAP Academy for iOS



Enterprise apps for iOS

Apple and SAP partnership – key deliverables



Process transformation



SAP Cloud Platform SDK for iOS

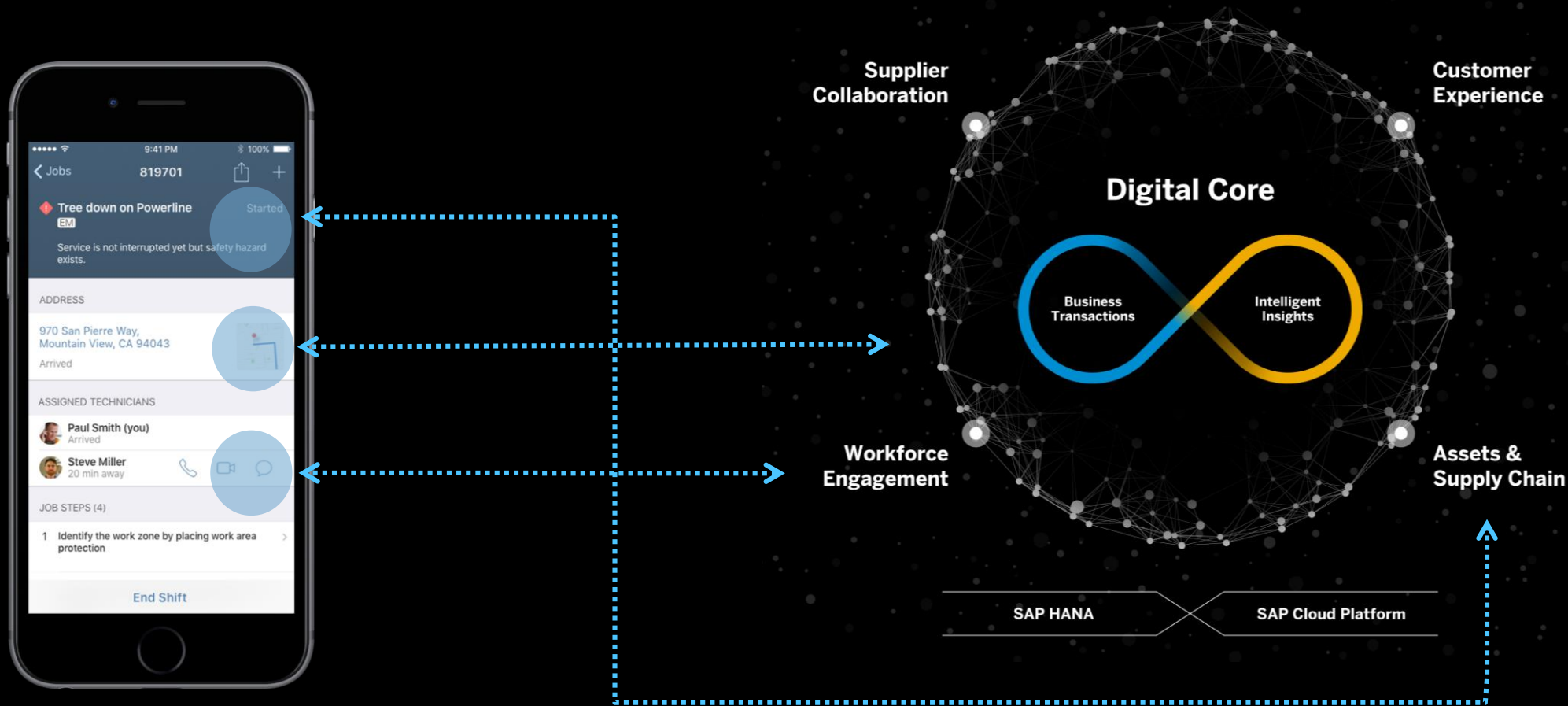


SAP Academy for iOS



Enterprise apps for iOS

Mobile apps driving digital transformation



- ✓ Native mobile apps help **transforming work experience**, driving productivity and efficiency
- ✓ Mobile apps can **tie together** capabilities from multiple enterprise systems (SAP, non SAP)

Transformational apps



User research
and ride-alongs



New technology
adoption



Ideation and
visualization



New blueprints and
app road maps

Apple and SAP partnership – key deliverables



Process transformation



SAP Cloud Platform SDK for iOS



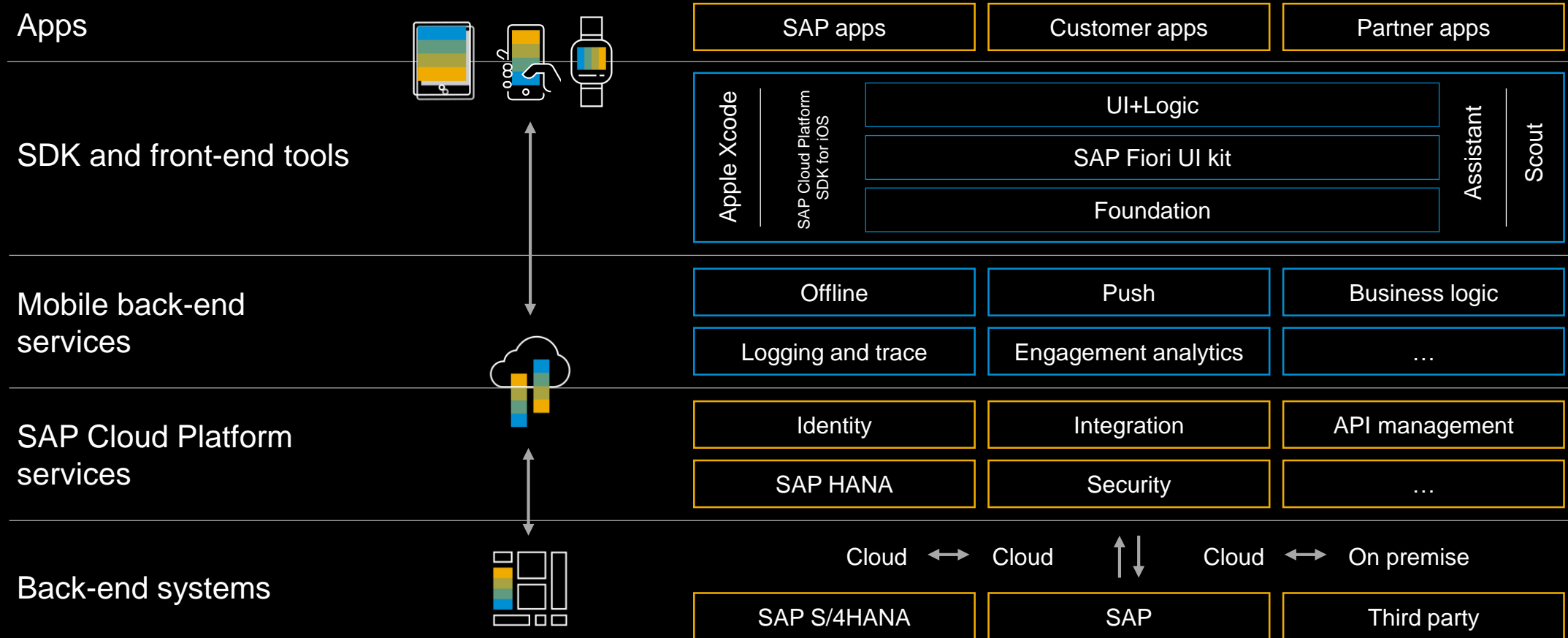
SAP Academy for iOS



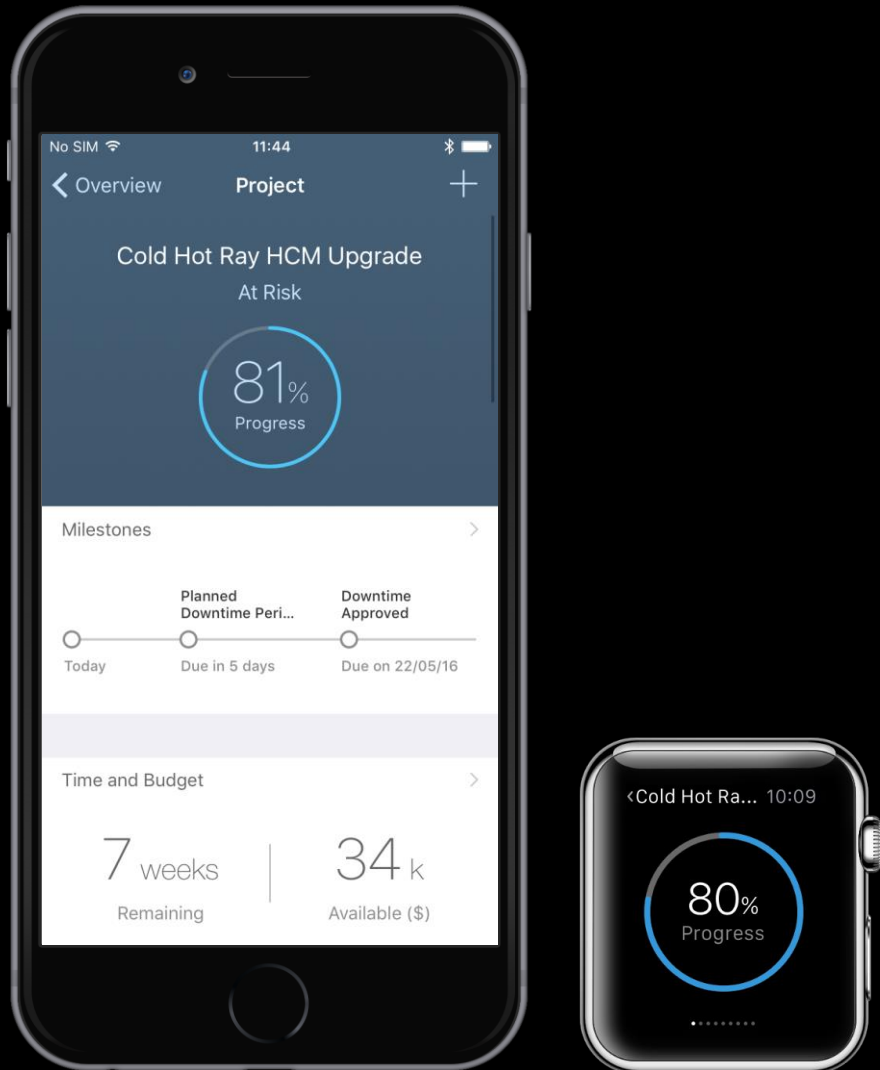
Enterprise apps for iOS

Mobile development with SAP Cloud Platform

Great native UX, developer efficiency, access to enterprise processes



SAP Fiori for iOS design language



- Coherent with familiar iOS controls, patterns, and behavior
- Enhanced with new reusable controls and patterns to meet enterprise requirements
- Makes full use of native capabilities
- Includes design guidelines for a quick and accurate building of iOS apps

<https://experience.sap.com/fiori-design/>

Characteristics of Native iOS Apps

Decision Criteria for Fiori for Web or Fiori for iOS

The decision to develop an app using Web, Hybrid or native technology always depends on various criteria, for example the use case, the available hardware in a company the development resources. Below is a list of advantage for the both app types

Portable to different hardware	Consistent look and feel to other native apps
For straight forward use cases	Complex scenarios
Platform agnostic	Good performance
Use of various hardware using plug ins	Access to device hardware
Platform updates need to be made available through	iOS Platform updates immediately available
Fast development results in fast availability for end-user	Offline mode
No Installation – click on link	Availability in App Store
No updates necessary	Updates in App Store
UI5 development knowledge	iOS, Swift development knowledge

Apple and SAP partnership – key deliverables



Process transformation



SAP Cloud Platform SDK for iOS



SAP Academy for iOS



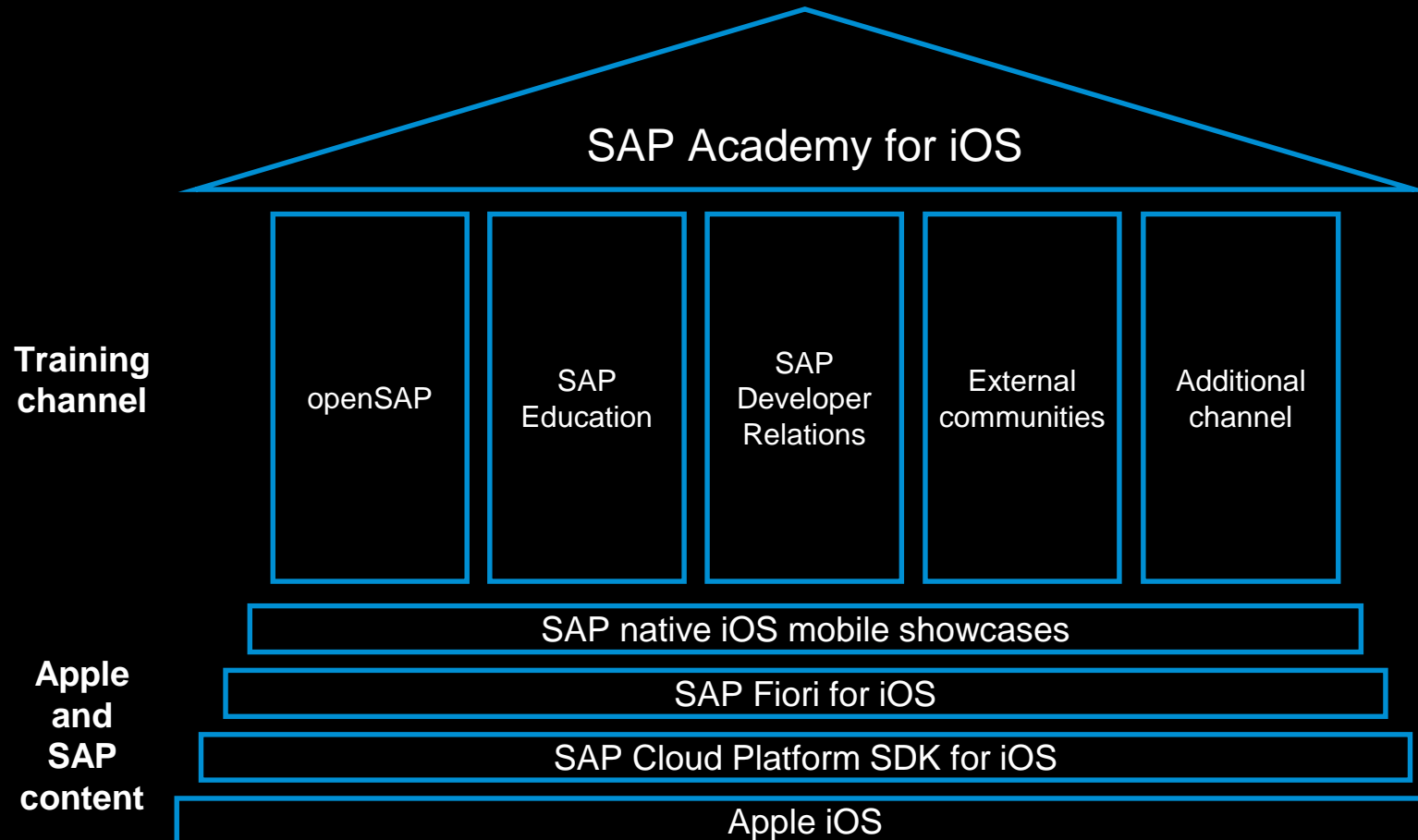
Enterprise apps for iOS

2.5M+

developers in the SAP community

SAP Academy for iOS

The SAP Academy for iOS will combine all training offerings regarding the Apple and SAP partnership.



Apple and SAP partnership – key deliverables



Process transformation



SAP Cloud Platform SDK for iOS



SAP Academy for iOS



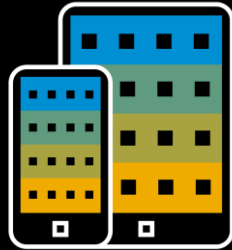
Enterprise apps for iOS

New class of enterprise apps



User-centric
design

+



Enterprise
mobility

+



Analytical
insight

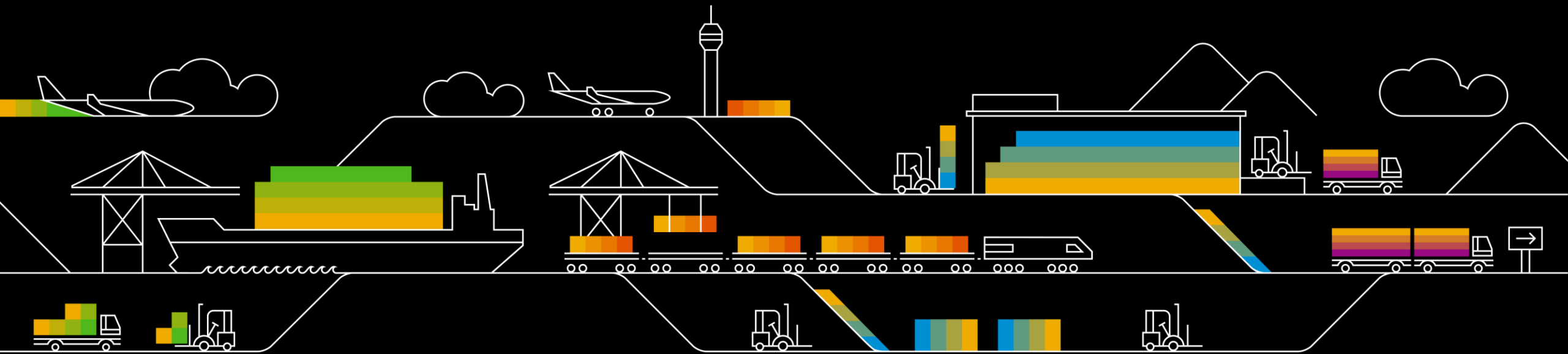
+



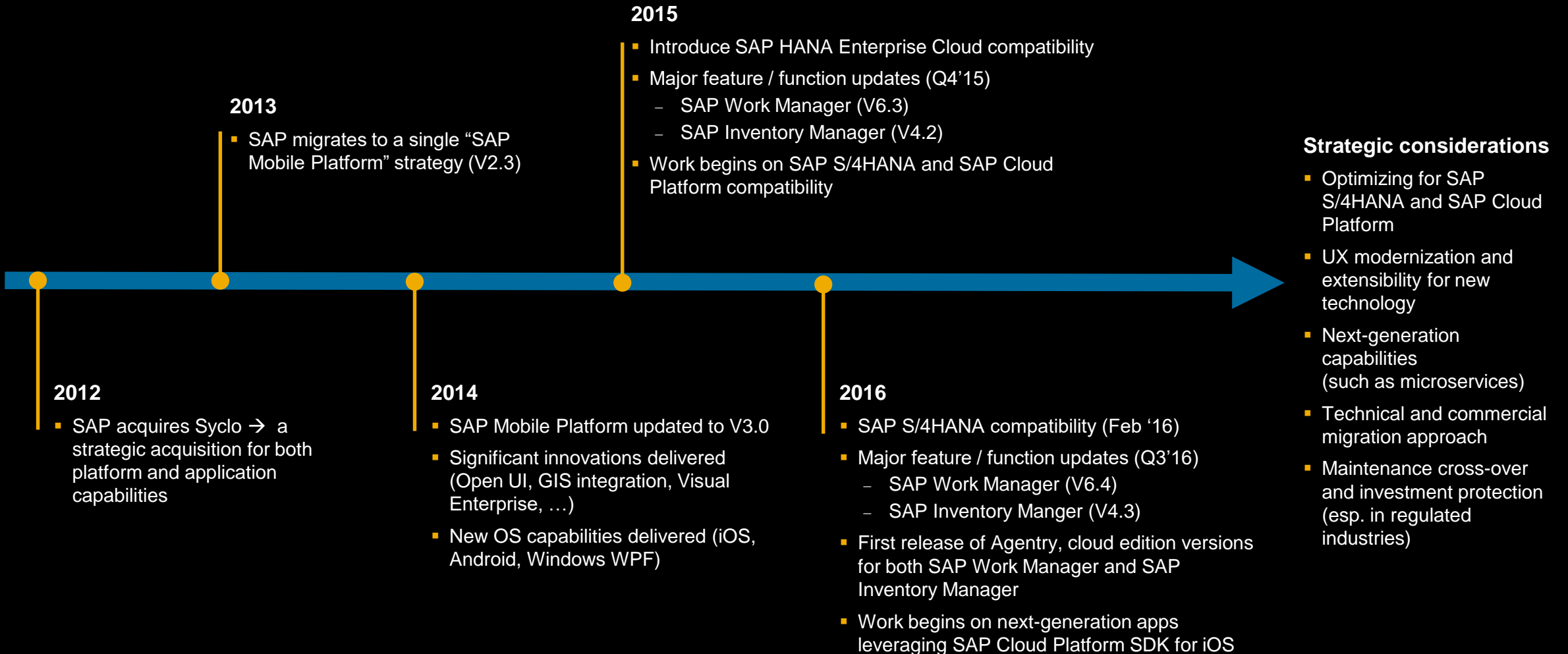
Systems of
record

Transformational apps

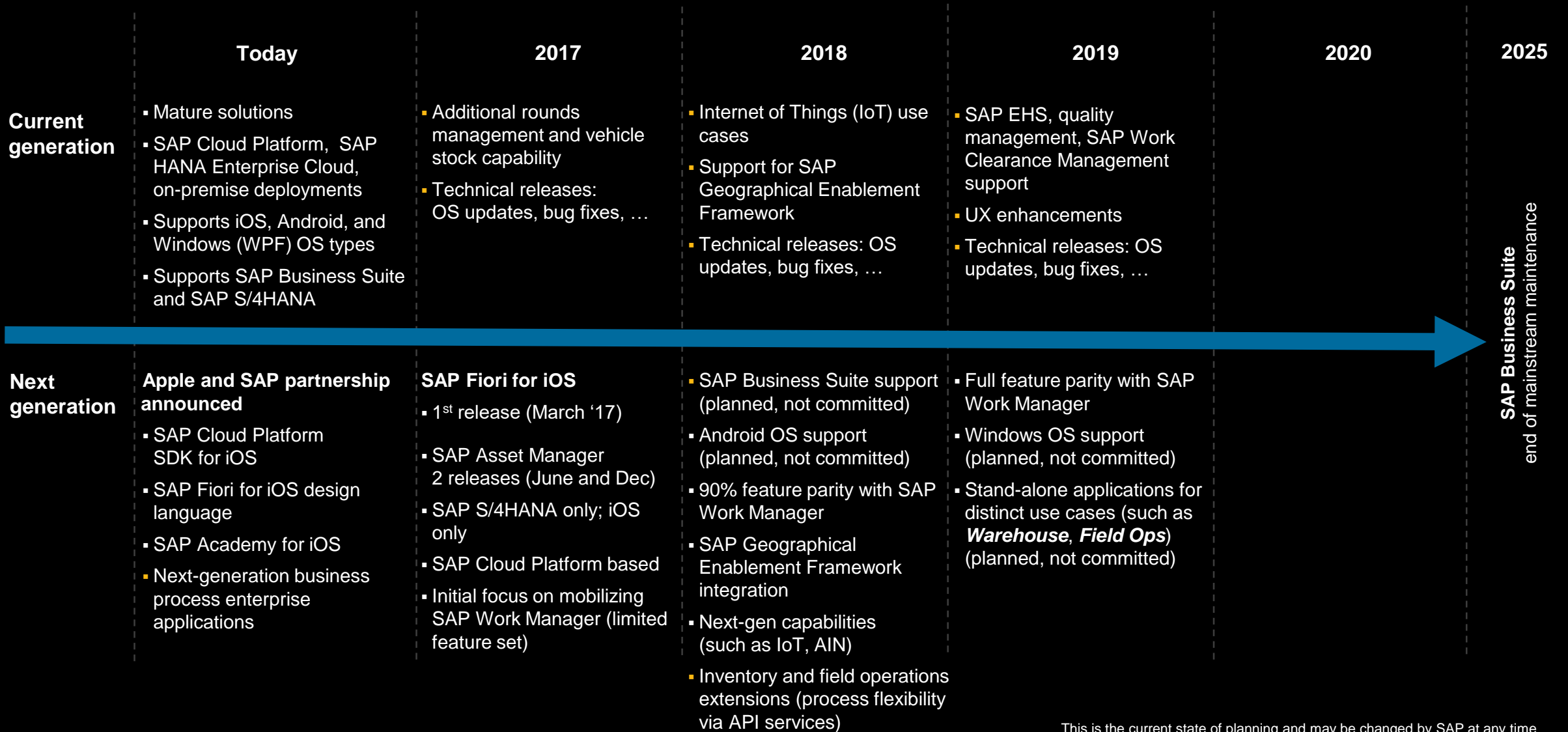
Enterprise Apps for iOS



Evolution of the asset-centric mobility portfolio



Long-term strategic road map



This is the current state of planning and may be changed by SAP at any time

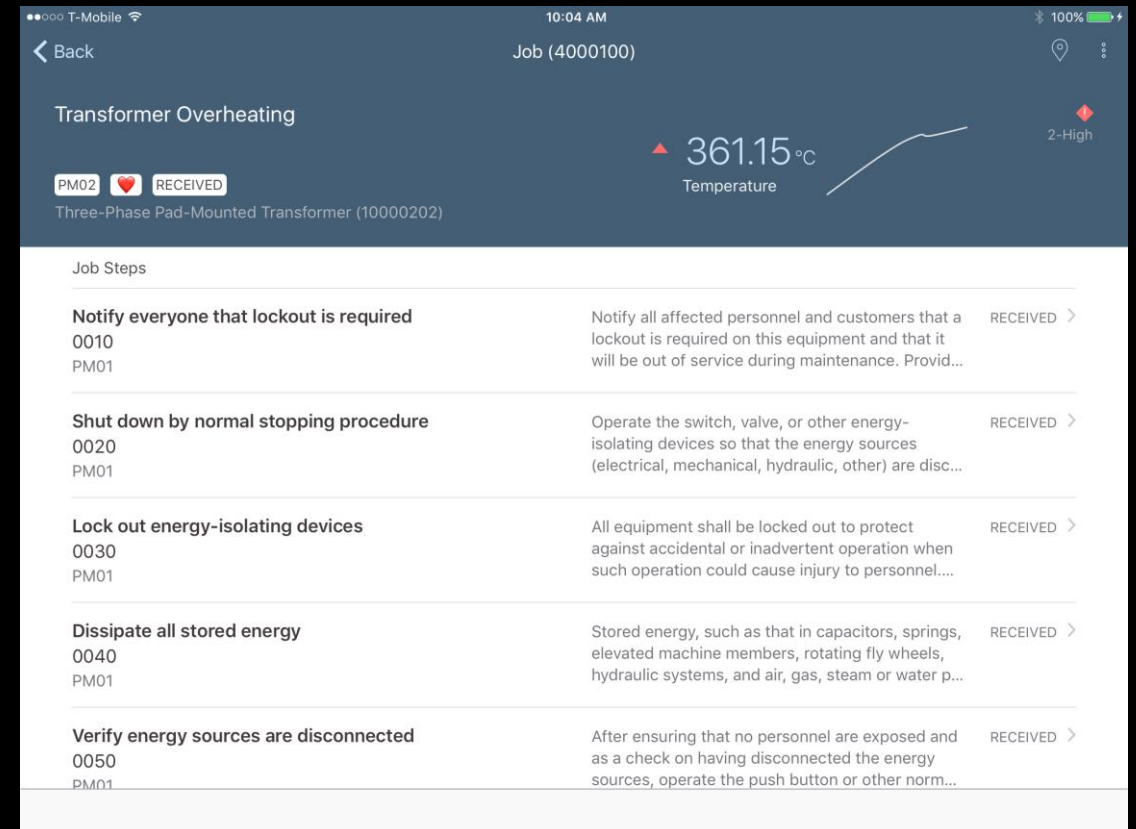
Asset-centric mobile app from SAP

“Mobile applications help improve field worker productivity and customer engagement, by arming them **better and more timely information.**”

Dean Galvez, Snohomish County Public Utility District

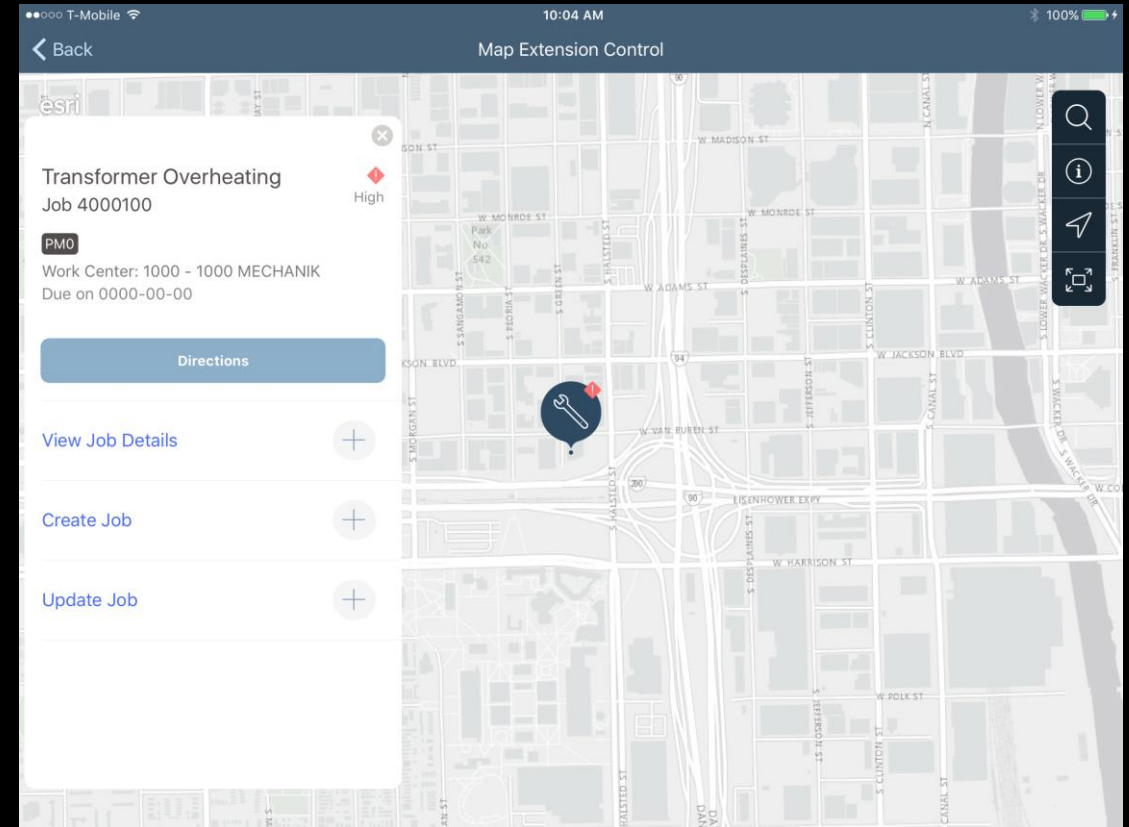
Challenges in asset management

- Proliferation of assets to maintain with fewer technicians to maintain them
- Geographically distributed maintenance assets and technicians
- Increasing regulatory pressures and rising costs
- Aging workforces and infrastructures



SAP Asset Manager

- Provides timely, relevant, and accurate information such as asset health, inventory, maintenance, and safety checklists
- Enables the worker to be more productive and seamlessly take advantage of the iOS ecosystem
- Provides context-rich visualization and actionable insights
- Enables easy and timely execution of end-to-end asset management on the go
- Full customization framework to add/edit business logic, screens, and branding



SAP Asset Manager

Leveraged iOS features

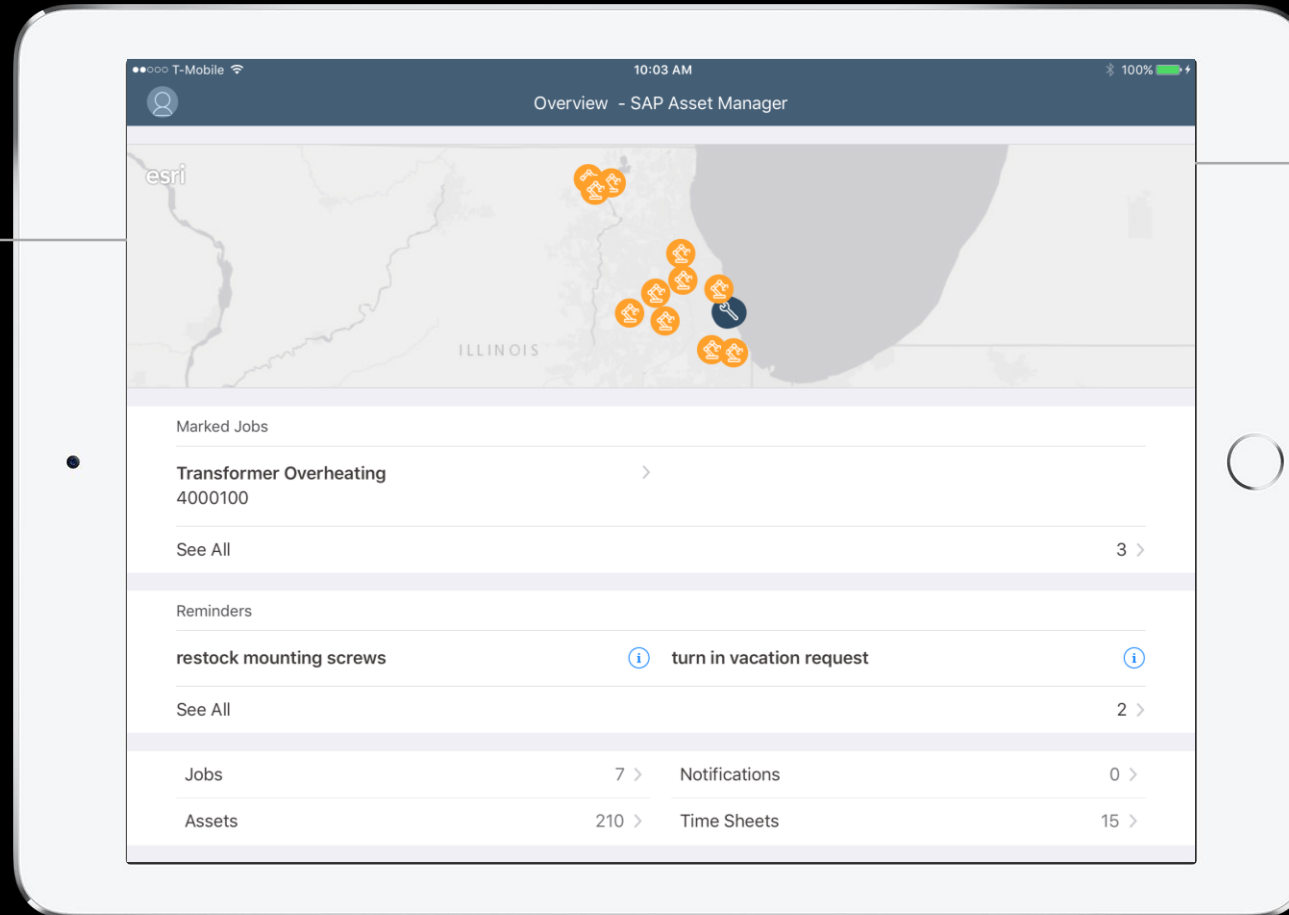
Current

Notifications

Passcode / touch ID

Peek and pop

Custom keyboard



Future

Facetime

iMessages

SAP Asset Manager

Product road map overview – key themes and capabilities



Today

See announcement

<https://news.sap.com/apple-sap-partner-to-revolutionize-work-on-iphone-ipad/>

Planned Innovations

- Manage work orders, notifications, and timesheets
- SAP Cloud Platform support
- SAP S/4HANA on-premise support
- SAP Fiori for iOS user interface
- Robust offline functionality
- Attachment handling
- Single sign-on support
- ESRI ArcGIS integration

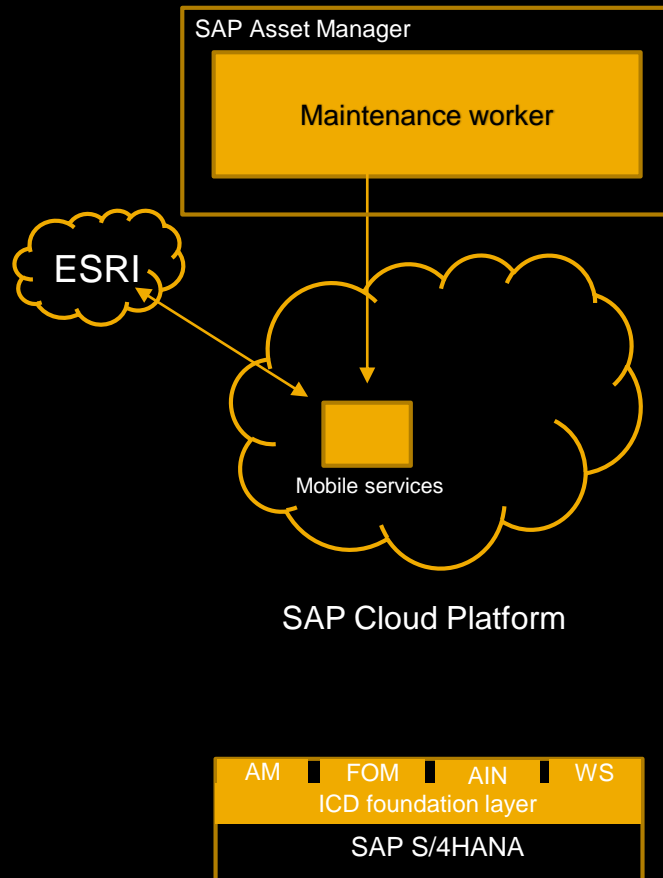
Future Direction

- Android and Windows client support
- Linear asset management and inspections rounds
- SAP Multiresource Scheduling integration
- Master data integration
- SAP for Utilities solutions (meter management) enhancements
- Push
- Vehicle stock
- Asset and location hierarchy views
- Social integration
- Crew reporting
- Classification viewing/editing
- IoT integration
- AIN integration
- Support for SAP Geographical Enablement Framework

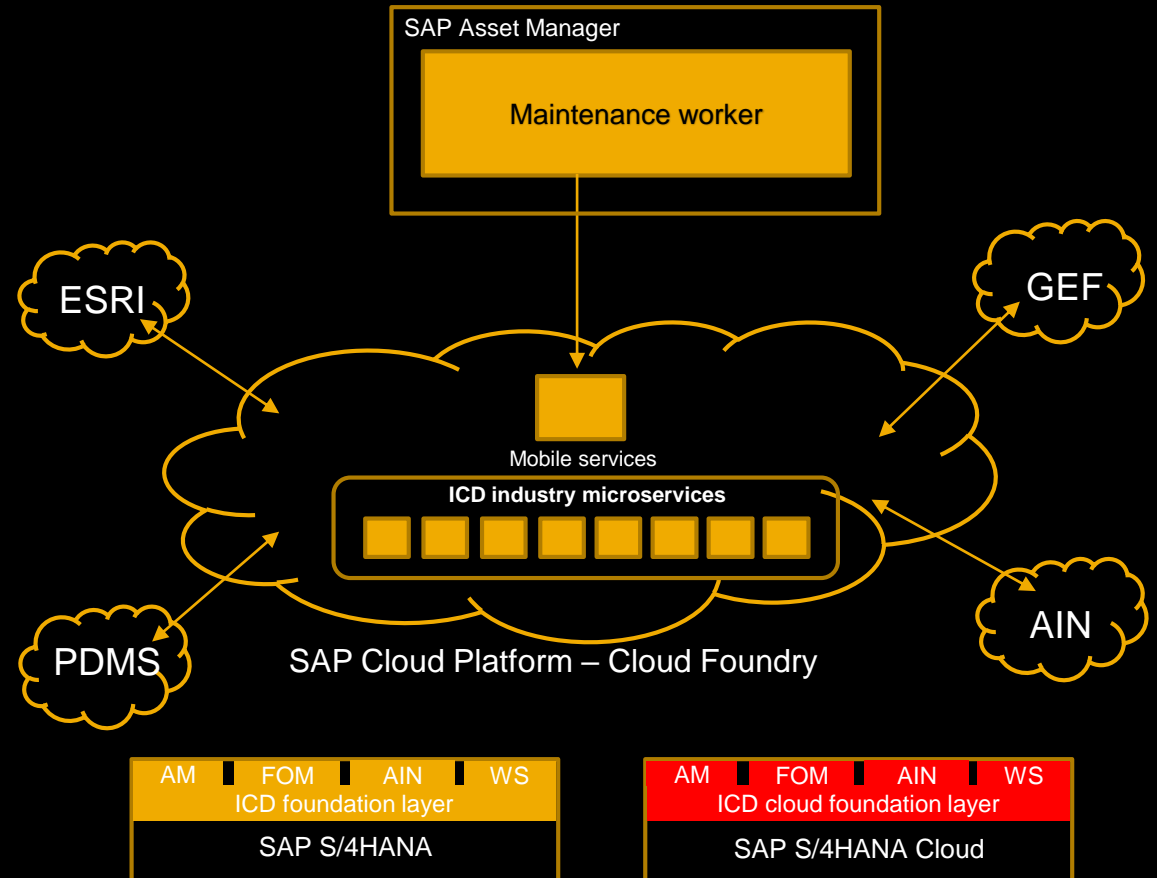
SAP Asset Manager for SAP S/4HANA

Architecture

Today

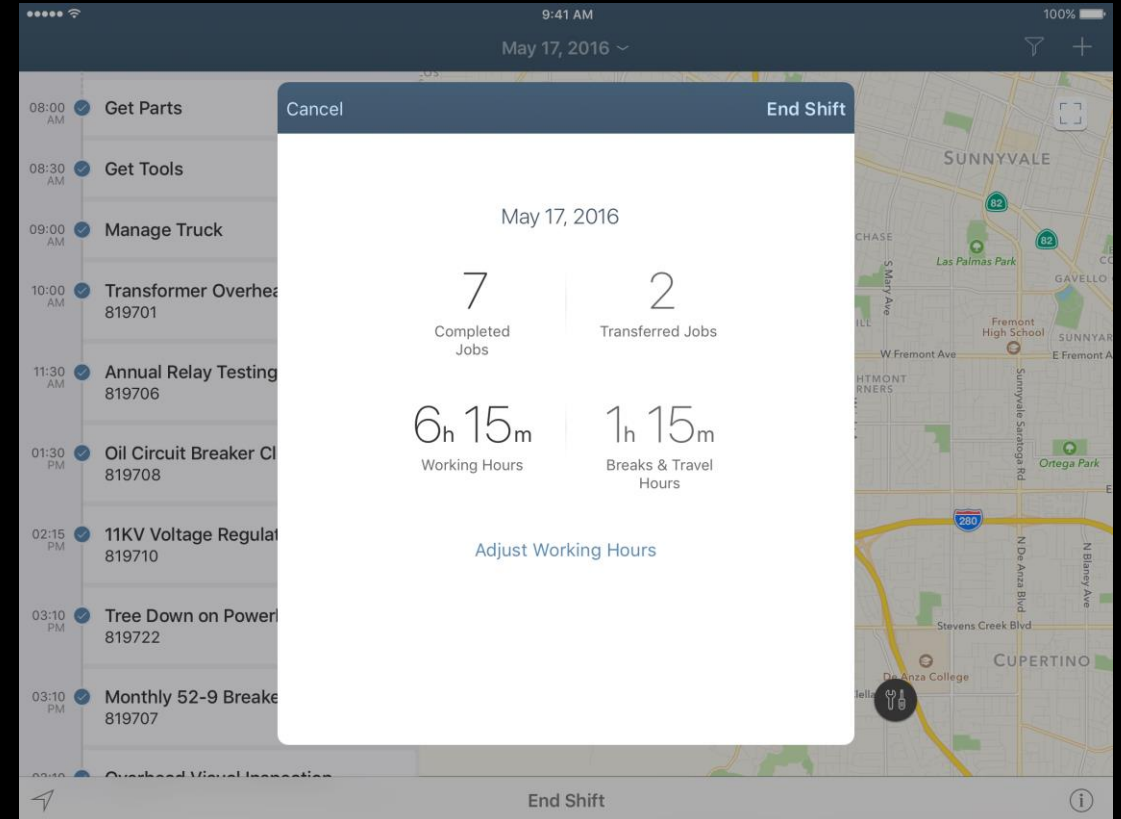


Product direction



SAP Enterprise Application Modeler

- Easy to create and customize apps without writing code
- Ability to tailor complex SAP apps (such as SAP Asset Manager) to business needs
- Aligned with SAP Fiori design principles created with Apple, providing amazing user experiences
- Easy lifecycle management and deployment without reinstalling app
- Online or offline, users get the same mobile experience



Experience SAP Enterprise App Modeler

Features at a glance

No coding

Develop simple to complex mobile applications

Build, extend, and customize with ease

Full customization

Customize SAP Asset Manager in a cloud-based editor

Add custom and SAP Fiori-like look and feel

Customize your already deployed apps instantly

Flexibility

Consume mobile services like offline OData, push notifications, logging, and more

Get full native client support

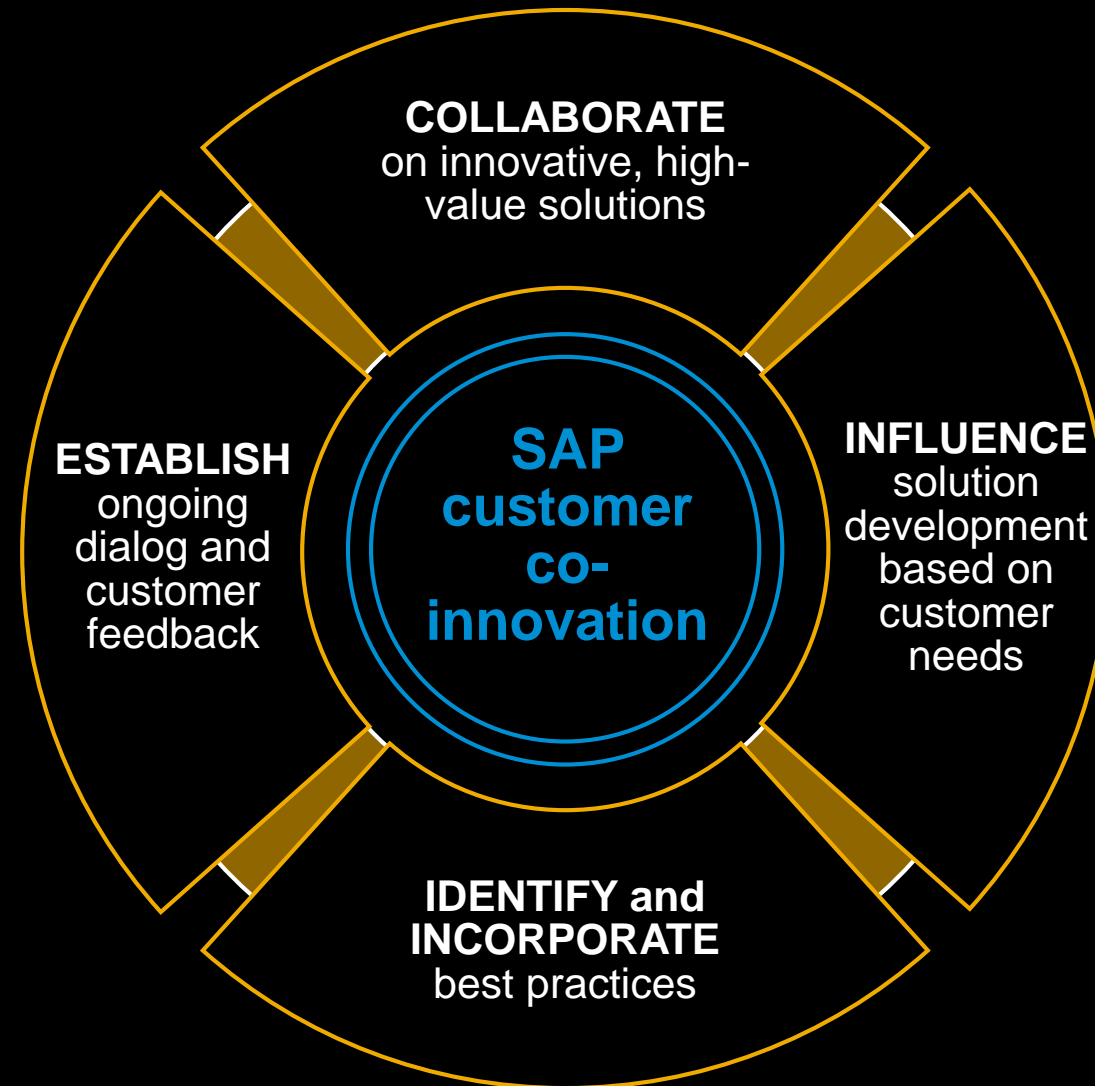
Powerful platform

Built on SAP Cloud Platform

Easily deploy and manage SAP Asset Manager in the cloud

Connect to SAP /4HANA back-end systems

Customer co-innovation



Thank you.

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