SAP Leonardo Live

Not-just another business conference.

SAP Cloud Platform

Tools and Services to Reach Your Organization's Digital Goals Quickly

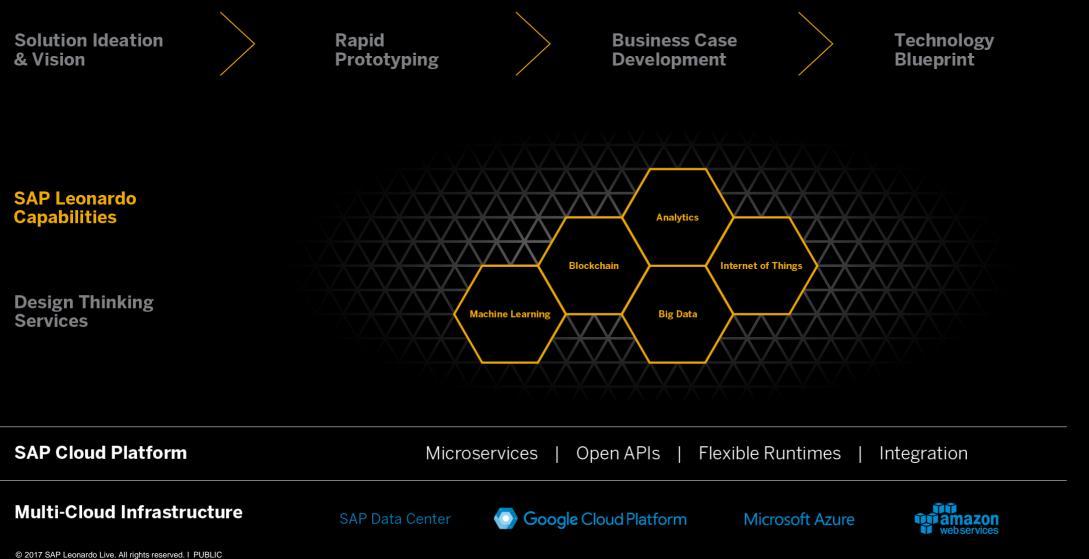
Dr. Christian Michel, SAP

PUBLIC



cloudplatform.sap.com

SAP Leonardo Digital Innovation System





SAP Cloud Platform is...









Cloud Foundry and multicloud availability are important topics for SAP Cloud Platform in 2017. With which companies has SAP announced a cooperation regarding platform as a service?

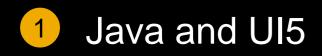


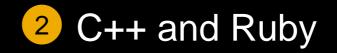


3 Microsoft, T-Systems, IBM

4 Google, Tesla, Salesforce

In which programming languages you would typically develop your cloud applications on SAP Cloud Platform?





3 Microsoft, T-Systems, IBM



Is exponential growth hard to understand? Say 3 people start a social network, and each person adds another 3 people each day. After how many days is the complete human race (7.5 billion) part of this network?









Customer Success

Companies must adapt quickly to the rapidly changing business environment













Bosch



Keeping truckers and their cargo safe thanks to BOSCH Secure Truck Parking and SAP Cloud Platform



glu

Understand gamers at scale

Challenge

- Leading global developer and publisher of free-to-play mobile games as Cooking Dash, Diner Dash, Gun Bros, Deer Hunter, Eternity Warriors, Frontline Commando, Heroes of Destiny
- Over 5 million daily active users generate up to 2 billion events and 1.2 terabytes per day

Solution

 From on-premise Hadoop to Big Data services from SAP to scale and optimize

glu





Swarovski



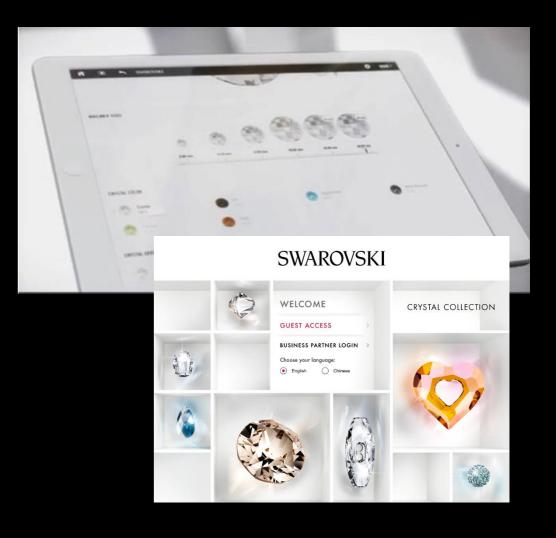
Bringing print catalogs to life with an interactive app

Challenge

- 40kg set of product presentation tools (print catalog, demo boxes, product flags, print brochures)
- Less than 10% of the available product variations covered

Solution

- Digital mobile app for Apple iPad: Crystal Collection App
- The entire collection of Swarovski creations at your fingertips
- Built on SAP Mobile Platform



SAP Cloud Platform: Public success stories (selection)

https://cloudplatform.sap.com/success.html



Why SAP Cloud Platform? General

Business applications move to the cloud!

Exponential growth

- Exponential growth of IT capabilities
- Unprecedented change in business models
- Need to differentiate by innovation

SAP Cloud Platform brings

- Agility by online development tools
- Scalable infrastructure
- Speed by ready-to-use services
- Access everywhere
- Smart integration abilities





New user experience online and mobile



Internet of Things (IoT)



Social

everywhere

Hyperconnectivity



Multicloud and platforms

Big Data and

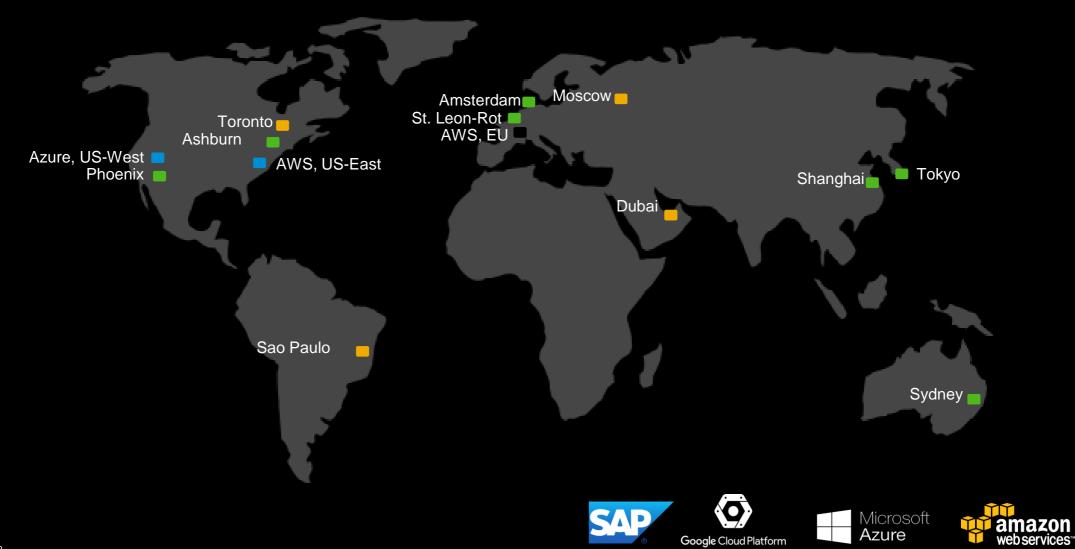
machine

learning



New business models and e-commerce

SAP Cloud Platform – 2017 data centers



GCP planned innovation

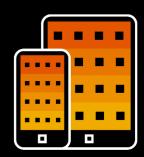
On SAP Cloud Platform

www.sapappcenter.com/









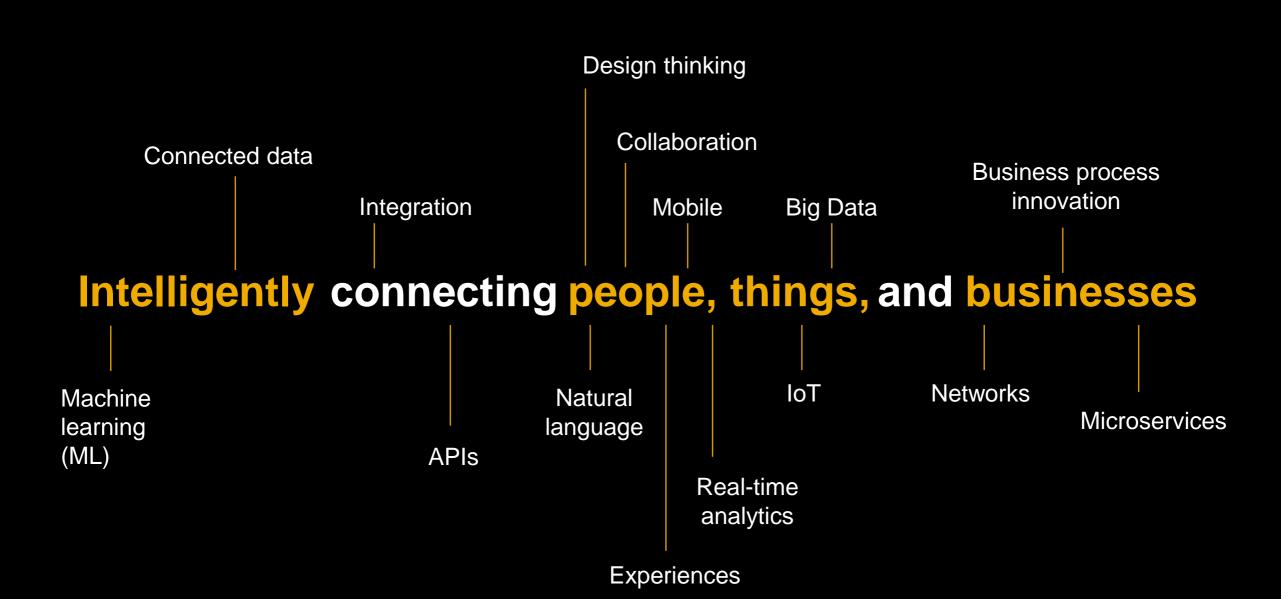
7,200+

Customers on SAP Cloud Platform

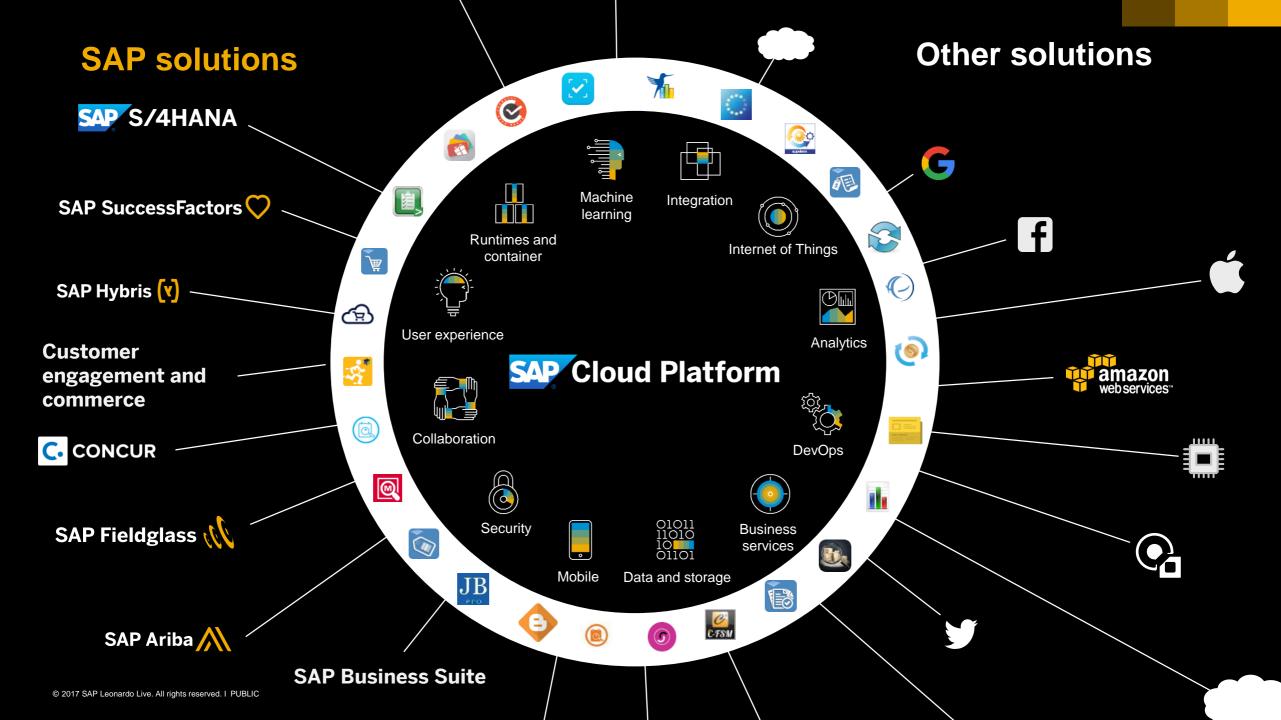
600+

Partners building apps on SAP Cloud Platform 40+

SAP enterprise apps on SAP Cloud Platform **1,000** Partner apps in SAP App Center



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Services with SAP Cloud Platform

https://cloudplatform.sap.com/capabilities.html



Collaboration

- SAP Jam
- Gamification
- Document center



User experience

- SAP Fiori Cloud



- Portal Adobe Form
- Build



Integration

- Integration
 - **API** management
- Cloud connector
- Remote data sync
- Agile data preparation
- OData provisioning



lоТ

- loT Remote data sync



Analytics

- Agile data preparation
- Advanced analytics with SAP HANA
- SAP Analytics Cloud



Machine learning

- Image processing
- Natural language processing
- Tabular and time-series processing



Security

- Cloud app security
- Cloud identity authentication and management
- Secure SAP data centers



Mobile

- DevOps
- App and device management
- App protection
- Mobile service for SAP \checkmark
 - Fiori
- SDK for iOS



Data and storage

- Big Data
- Persistence in SAP HANA
- ASE persistence
- Document service
 - PostgreSQL
 - MongoDB
 - **Object Store (S3)**
 - Redis



Business

services

- SAP Hybris as a Service
- Localization hub, tax



DevOps

- ✓ Web IDE
- Monitoring service
- Debugging applications
- Translation hub



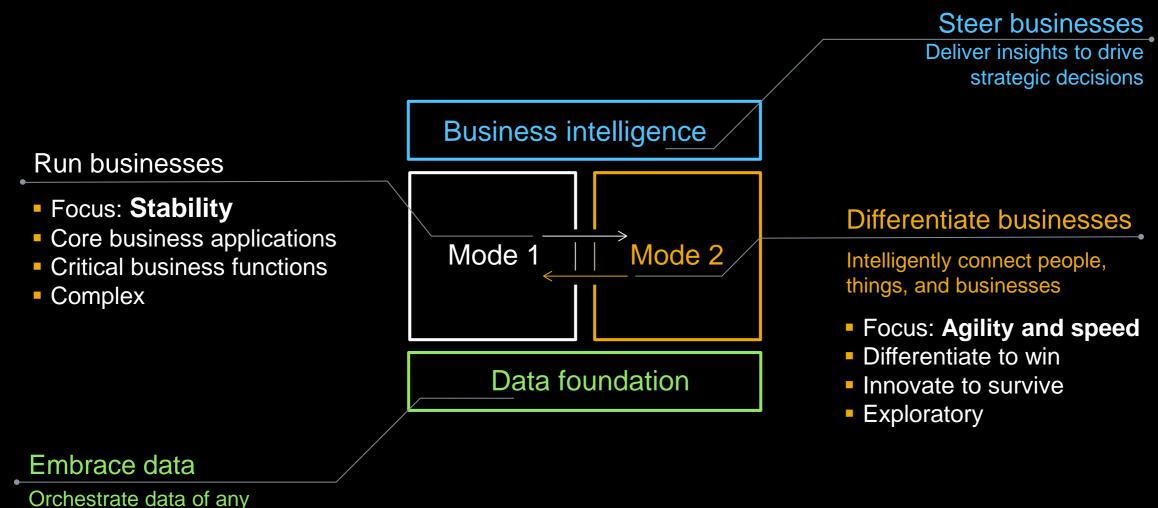
Runtimes and container

- Cloud Foundry services
- Virtual machines
- programming models (Java, XSJS, HTML5)



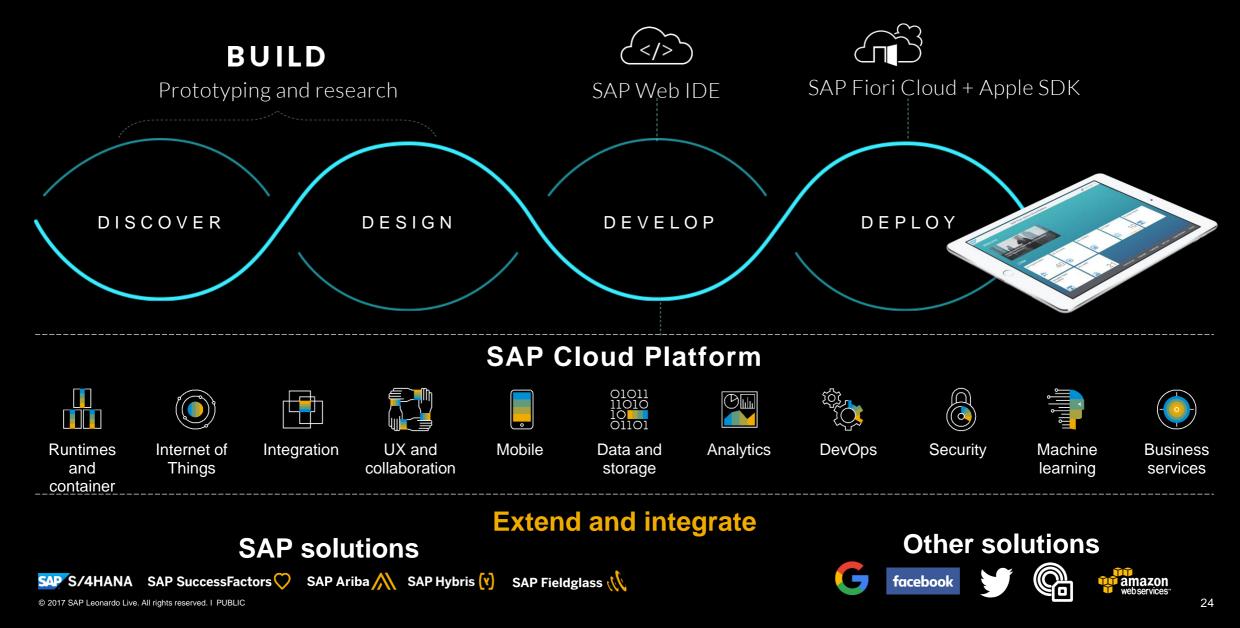
Development on SAP Cloud Platform

Bimodal with SAP Cloud Platform



volume, velocity, and variety

SAP Cloud Platform for agile and integrated development

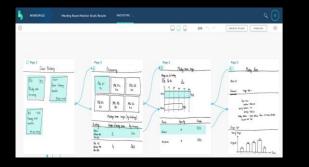


Design beautiful apps with the SAP Build tool

Everything you need to design business apps users love <u>www.build.me</u>

1

Create a low-fidelity prototype out of whiteboard images or screenshots.



2

Distribute your prototype in seconds to collect user feedback and usage analysis

_	After playing with this prototype, I would you be to use this app if we developed it?	
	SHOW ON THIS PROTOTYPE PAGE	
	AMINUSS	10475-104
	1 - I would never use it	0 (0%)
	2 - I would use if if manduted	1.09%0
	3 - I would use it occasionally	1.09%0
	4 - I would use it aften	7 (54%)
	5 - It's aversament Foll use it all the time	4 (015%)
		under you is to use this any if we developed a 10 and 10 a

HORKSMCK	Order from Requisitions	PROTOTYPE -				
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3

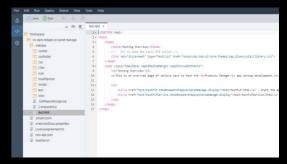
Transform your idea into a

high-fidelity prototype,

including real sample data

4

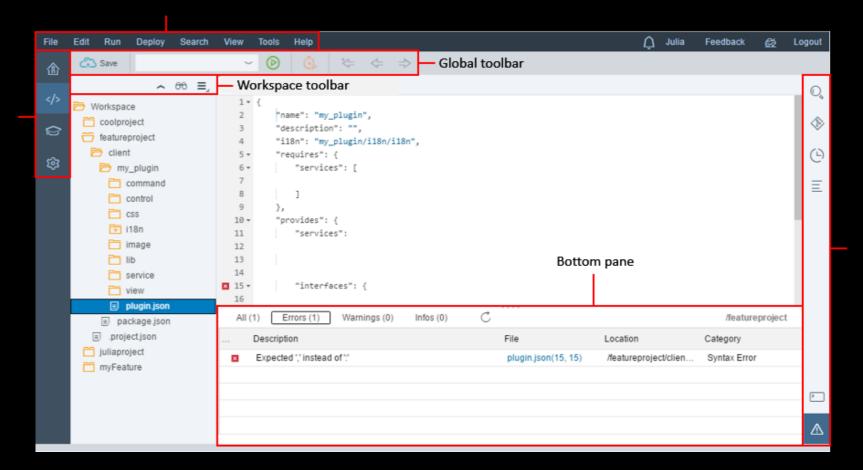
Automatically generate working code out of your prototype, accelerating development and reducing cost



SAP Web IDE

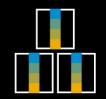
https://help.hana.ondemand.com/webide/

- Zero installation and maintenance
- Code authoring toolset
- Testing and debug
- Multidevice support
- Application templates
- Visual UI editors



Runtimes and containers

(Cloud Foundry) buildpacks



With a Cloud Foundry environment, SAP Cloud Platform enables the usage of additional programming languages, runtimes, and frameworks with SAP Enterprise Support for Java, Node.js, and HTML5.

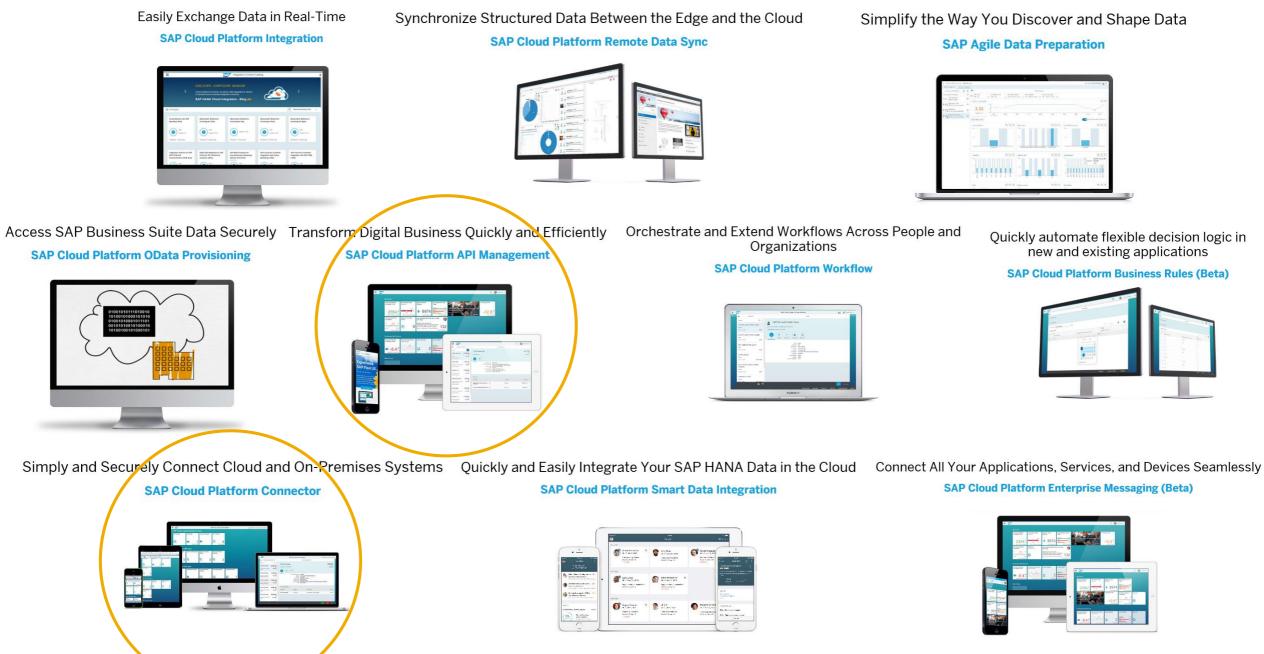


Why integration?

- Eliminate silos and provide end-toend visibility across enterprises
- Leverage legacy systems and investments
- Facilitate seamless integration with cloud solutions
- Bring together SAP and non-SAP information
- Enable cloud-first architectures for Big Data, mobile, social, IoT, ...
- Fastest and cheapest method for new business models

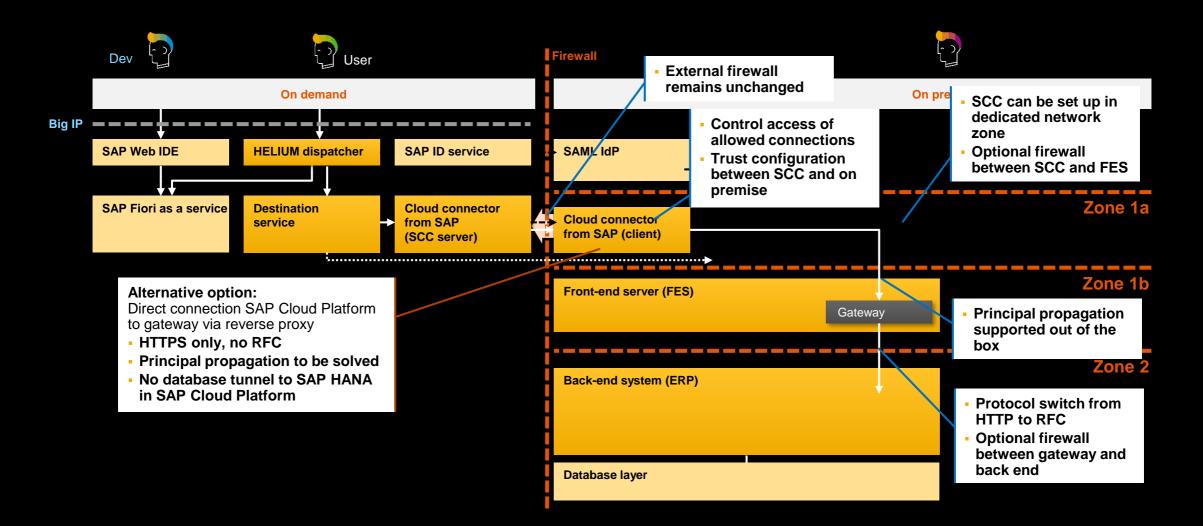
Why with SAP?

- Over 2,500 customers with SAP Cloud
 Platform Integration
- Extensive integration capabilities
- Prepackaged content (over 200 in public catalog)
- Many references and customer success stories
- Experience across the entire suite of enterprise applications



System landscape – SAP Fiori as a service

Best practices by SAP IT (of productive scenarios within SAP)



SAP Developer Hub

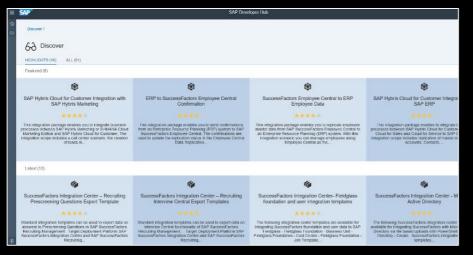
Explore, discover, and consume APIs, prepackaged integrations, and apps

www.api.sap.com



Integration

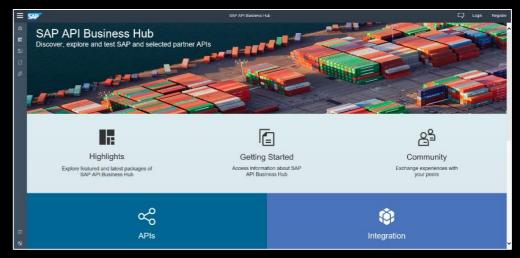
Find and explore integrations you need for your business



https://cloudintegration.hana.ondemand.com/



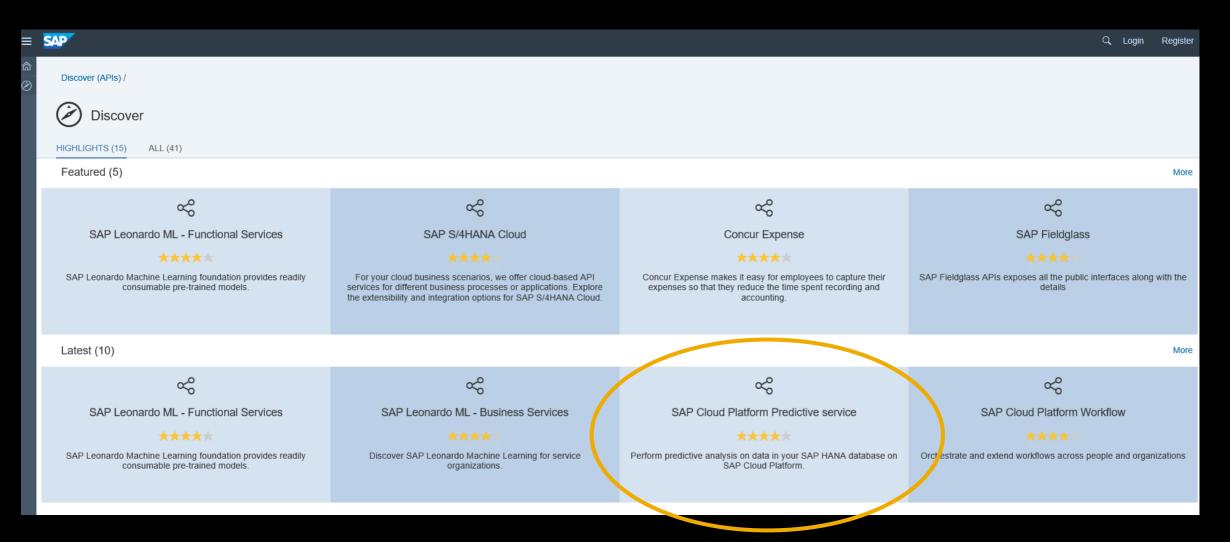
Test APIs from SAP S/4HANA, SAP SuccessFactors solutions, microservices, and others



https://api.sap.com/#

SAP API Business Hub

https://api.sap.com/landingPage.html

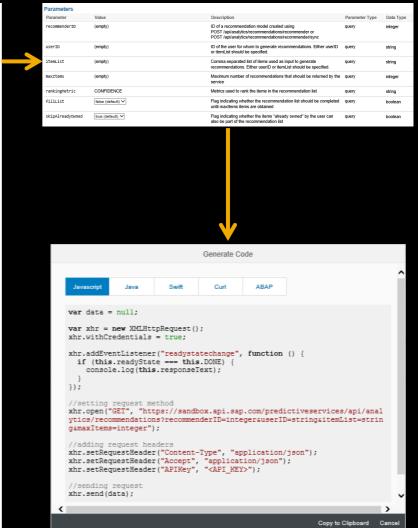


SAP Predictive service – REST API

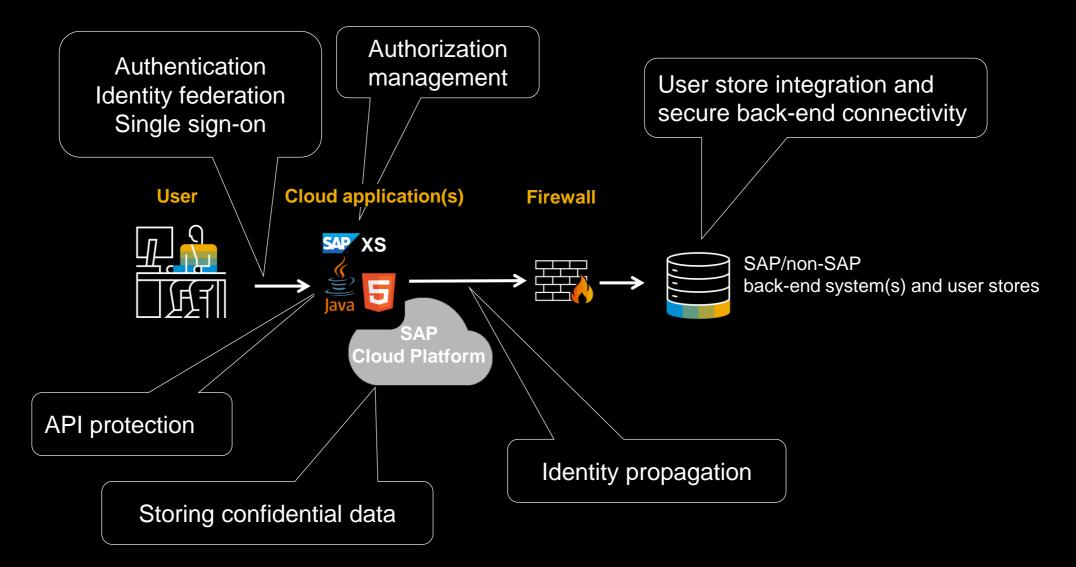
https://api.sap.com/#/shell/discover/contentpackage/PredictiveServices/api/Predictive_Services

Clustering Service		Recommer	dation Serv
		GET	/api/analytic
Dataset Service		POST	/api/analytic
Forecast Service		POST	/api/analytic
FUIECASI SEIVICE		DELETE	/api/analyti
Keyinfluencer Service		GET	/api/analyti
		GET	/api/analyti
Outliers Service		POST	/api/analyti
		POST	/api/analyti
Recommendation Service	\longrightarrow	POST	/api/analyti
Scoring Equation Service		DELETE	/api/analyti
		GET	/api/analytic
Whatif Service		GET	/api/analytic

Recommen	dation Service	Show/Hide	List Operations	Expand Operations
GET	/api/analytics/recommendations			Generate Code
POST	/api/analytics/recommendations/batch			Generate Code
POST	/api/analytics/recommendations/batch/sync			Generate Code
DELETE	/api/analytics/recommendations/batch/{jobID}			Generate Code
GET	/api/analytics/recommendations/batch/{jobID}			Generate Code
GET	/api/analytics/recommendations/batch/{jobID}/status			Generate Code
POST	/api/analytics/recommendations/recommender			Generate Code
POST	/api/analytics/recommendations/recommender/guess/sy	nc		Generate Code
POST	/api/analytics/recommendations/recommender/sync			Generate Code
DELETE	/api/analytics/recommendations/recommender/{jobID}			Generate Code
GET	/api/analytics/recommendations/recommender/{jobID}			Generate Code
GET	/api/analytics/recommendations/recommender/{jobID}/st	tatus		Generate Code



Security overview



Public links to start with SAP Cloud Platform today!



Learn! CloudPlatform.SAP.com

Customer success stories

http://cloudplatform.sap.com/success.html

SAP Help Portal https://help.sap.com/viewer/product/CP/Cloud/en-US

Service descriptions https://cloudplatform.sap.com/capabilities/servicedescription.html

Pricing http://cloudplatform.sap.com/pricing.html

Agreements and general terms and conditions (GTCs)

www.sap.com/about/agreements.sap-cloud-servicescustomers.html



Try and develop! CloudPlatform.SAP.com/try

Developer overview http://developers.sap.com/cloud

Developer tools www.sap.com/developer/trials-downloads.html

Developer community www.sap.com/community/topic/cloud-platform.html

openSAP courses http://open.sap.com

Road maps www.sap.com/solution/roadmaps.html



Partner apps! <u>sapappcenter.com</u>

SAP Fiori and SAPUI5 UX in action (+Apple)

www.sapfioritrial.com/ https://experience.sap.com/fiori-design-ios/ https://sapui5.hana.ondemand.com

Integration content and SAP API Hub

https://cloudintegration.hana.ondemand.com https://api.sap.com/

Rapid prototyping www.build.me/splashapp/

Portal demo kit https://demo.cloudportal.sap.com/sites#Home-show

SAP Hybris as a Service

Thank you.

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