



SAP Cloud Platform Workflow

Build & extend workflows

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February, 2018

Agenda

Enterprise Workflow @SAP

SAP Cloud Platform Workflow

- Demo

Success Stories

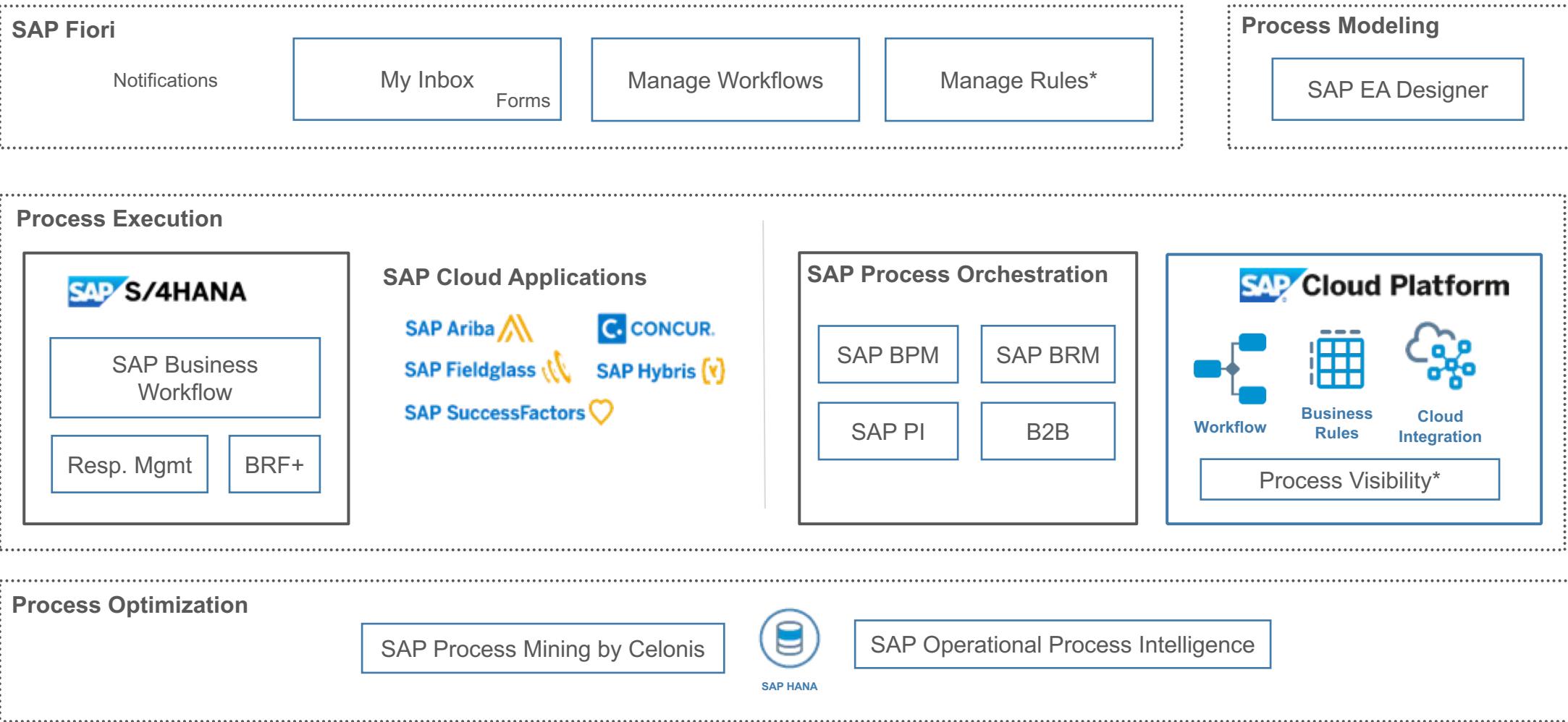
Roadmap

Summary

Enterprise Workflow **@SAP**

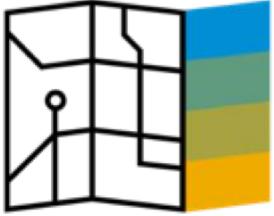


Enterprise Workflow @ SAP



SAP Cloud Platform Overview





How to **steer**
your company?



How to **run** your
company?



run



win

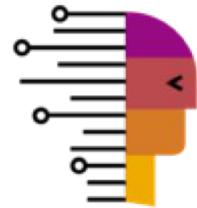
Setting the foundation
1 0 0 1 1 0 1 0 1
1 1 0 1 0 1 0 1 0



How to **engage**?



How to **sense**?



How to **decide**?

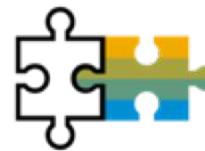
Mission Statement

Intelligently connecting People, Things and Businesses

Real-time data	Security	User Experience	IoT	New business models
Real time analytics	Integration	Collaboration		New ecosystems
Machine Learning	Orchestration	Mobile		APIs
		Customer Experience		Microservices

SAP Cloud Platform

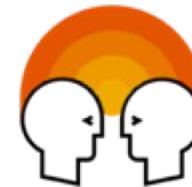
Key Use Cases



Extend

Cloud & On-Prem Apps

Quickly add new functionality to your existing cloud and on-prem apps to optimize your existing investments



Connect

People & Data

Deliver delightful user experiences across various digital touchpoints enabling innovation, without disrupting core business processes



Build

Differentiating Digital Apps

Rapidly build and run new cloud apps, business services and APIs to solve new problems, engage new customers, and drive new revenue



Integrate

Apps, Data & Processes

Connect your cloud and on-prem apps to eliminate data silos and make digital access simple, secure, and scalable

Why SAP Cloud Platform

- Low entry barrier
- Easy consumption
- Fast innovation cycle
- Automatic upgrades
- Rich set of services and APIs
- Seamless extension of standard applications
- Standard integration content
- Multi-cloud architecture



Analytics



Business Services



Collaboration



Data Storage



DevOps



Integration



Internet of Things



Machine Learning



Mobile



Runtime Containers



Security



User Experience

CLOUD FOUNDRY

SAP Cloud Platform Workflow

Introduction



SAP Cloud Platform Workflow

Rapidly **build new workflow-based applications** on SAP Cloud Platform

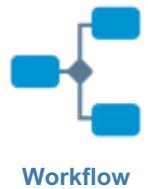
Extend standard cloud application workflows



Why SAP Cloud Platform Workflow

- Low entry barrier.
- Cross traditional walls of your enterprise.
- Design process which are ahead of the curve.
- Workflows for everyone & everywhere.
- End-to-end transparency.
- Fast innovation cycle.
- Automatic upgrades.

Quickly orchestrate tasks that span across people, applications, and organizations



Enhance productivity with coordinated and accountable tasks

- Automate and track tasks such as approvals, order fulfillment, or time-sensitive partner collaboration
- Manage tasks using My Inbox
- Impress users with simple, consumer-grade user interfaces using SAP Fiori
- Improve processes and track running workflows

Rapidly build and modify workflow applications with web-based tooling

- Model workflows in SAP WebIDE using industry-standard Business Process Model and Notation (BPMN 2.0)
- Embed workflows into your custom-built applications using RESTful APIs
- Connect to other applications via service tasks
- Integrate business rules for flexible and agile decision management

Tailor your business processes by extending cloud applications and workflows

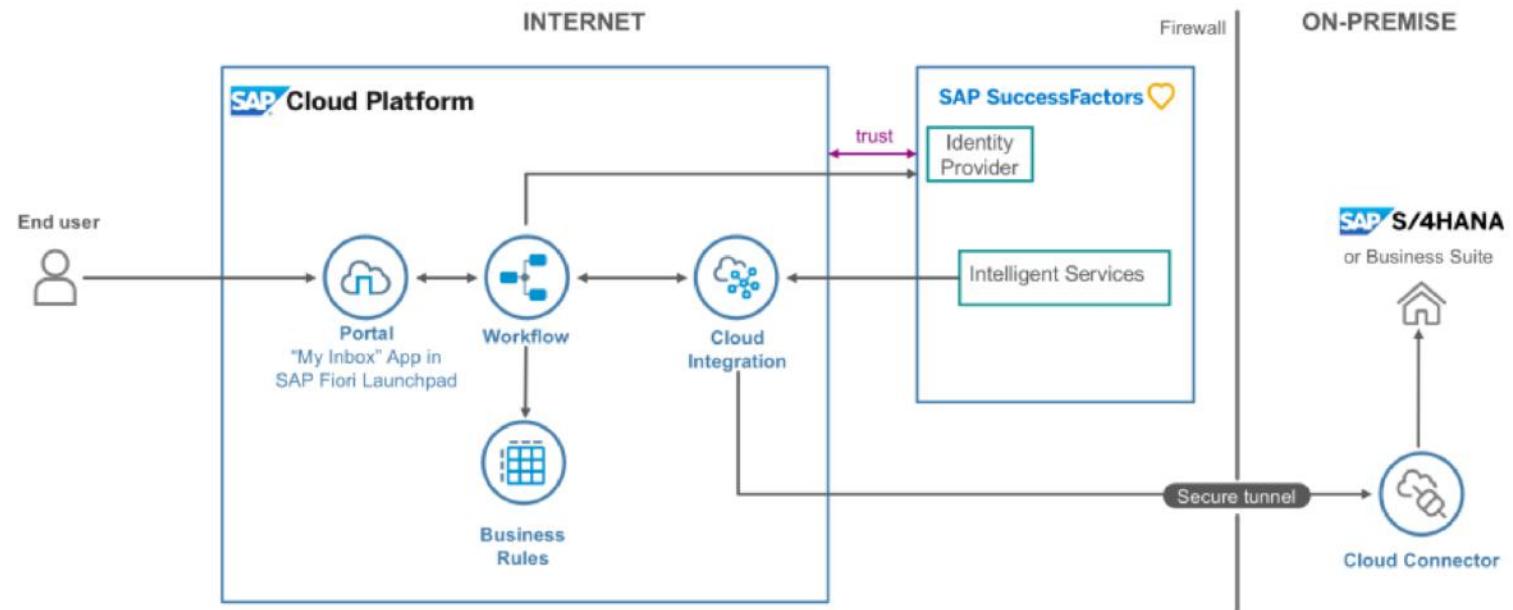
- Create process extensions for SAP S/4HANA
- Model customized extension workflows for SAP line-of-business applications such as SAP Hybris Cloud for Customer, SAP SuccessFactors, Concur, or SAP Ariba
- Extend non-SAP cloud applications

Demo



Demo Introduction

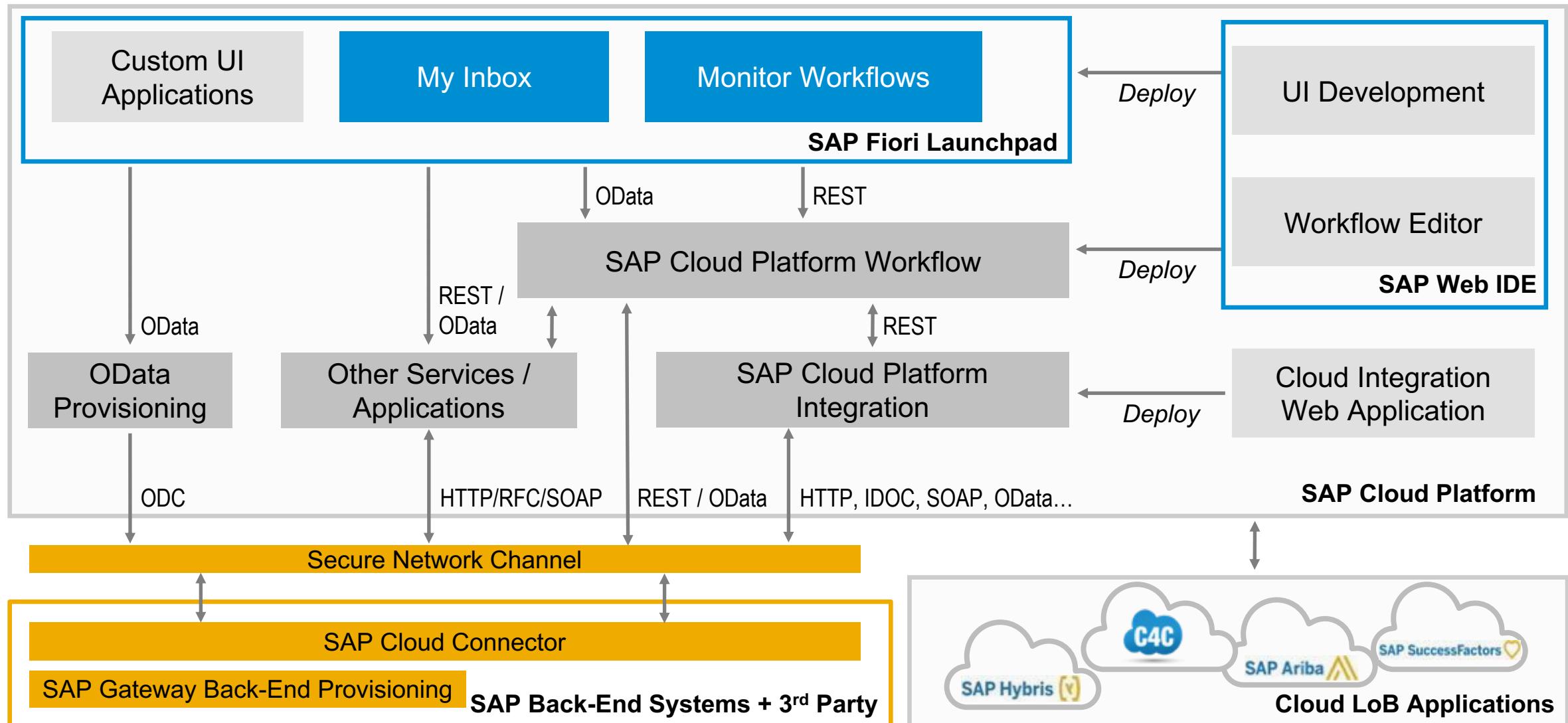
Extending employee onboarding process



Architecture



High-Level Architecture



Success Stories



T.CON: Streamlining the Leave Request Approval Process with SAP® Cloud Platform Workflow



SAP Partner
T.CON GmbH & Co. KG

Headquarters
Plattling, Germany

Industry
Professional services

Products and Services
Software implementation

Employees
270

Web Site
www.team-con.de

Objectives

- Leverage available workflow capabilities in the cloud
- Connect the HR portal with the back-end system
- Ensure proper governance of the leave request approval process

Why SAP

- Fast and straightforward implementation
- External systems that are simple to integrate
- Workflow that can be developed independently of back-end systems

Resolution

- Deployed the SAP® Cloud Platform Workflow service, which orchestrates interactions between employees, managers, and substitutes
- Implemented back-end HR built on SAP software that is updated accordingly

Benefits

- Ease of access for all process participants to a consumer-grade user experience
- Straightforward workflow implementation
- Effortless adaptation of changing business requirements

Fast
Implementation

Inclusive
End-to-end process in which everyone can participate

Simple
Workflow that is intuitive for users

“With SAP Cloud Platform, we were able to rapidly build customer-specific process extensions in the cloud with tight back-end integration with SAP software. Using the workflow service was simple and intuitive.”

Norbert Kölbl, Solution Architect, T.CON GmbH & Co. KG

Incture: Tailoring the Purchase Requisition Approval Process with SAP® Cloud Platform Workflow

SAP Partner
Incture Technologies

Headquarters
Bangalore, India

Industry
Professional services

Products and Services
Software implementation

Employees
>280

Web Site
www.incture.com

Objectives

- Build a customized purchase requisition approval process in the cloud
- Target the right people in the process
- Integrate seamlessly with the back-end SAP® software system

Why SAP

- Intuitive modeling environment based on the Business Process Model and Notation (BPMN) standard
- Simple handling of user tasks within the My Inbox app
- Direct access to back-end functionality

Resolution

- Implemented a reliable and responsive end-to-end process tailored to business needs using the SAP Cloud Platform Workflow service
- Leveraged the SAP Cloud Platform Integration service for more-complex integration requirements

Benefits

- End-to-end process implementation with complete back-end integration capabilities
- State-of-the-art user interfaces that support a multidevice platform
- Monitoring and analysis of the business process for better traceability and optimization

Simple

Integration of back-end systems

Rapid

Process design based on BPMN standards

Clear

Consumer-grade user experience

“Adding workflow capabilities to SAP Cloud Platform makes it an extremely comprehensive and powerful offering that fulfills our customers’ need for tailored business processes.”

Sachin Verma, CEO and Founder, Incture Technologies

Q_PERIOR: Enabling Fast Cost Reimbursement for Medication Expenses with SAP® Cloud Platform Workflow

Company

Q_PERIOR AG

Headquarters

Munich, Germany

Industry

Professional services

Products and Services

Software implementation

Employees

810

Web Site

www.q-perior.com

Objectives

- Simplify the reimbursement process for medication expenses
- Eliminate the paper-based, manual reimbursement process
- Ensure privacy, controlled access, and proper enforcement of the reimbursement policy

Why SAP

- Processes that are simple to graphically model and adapt
- External systems that are simple to integrate
- Faster time to value with a cloud-based approach

Resolution

- Leveraged the SAP® Cloud Platform Workflow service, which provides automated screens connecting treating physicians, health insurance companies, and fiduciary physicians
- Followed guided processes that eliminate manual reimbursement activities
- Used the SAP Cloud Platform Document service, which provides access to additional case-related documents

Benefits

- Secure data transfer without media break with proper authorization management
- Simple processing by every participant everywhere through Web-based access
- Changes now able to be applied with less effort
- Additional workflows able to be implemented with ease in the future with SAP Cloud Platform Workflow

"We enjoyed using SAP Cloud Platform to build up our scenario. Implementation has been smooth and straightforward, and we are looking forward to further projects."

Lars Erdmann, Partner, Q_PERIOR AG

Simple

Access by everyone everywhere

Faster

Case processing

Connected

Services for SAP Cloud Platform

Roadmap





SAP Cloud Platform Workflow

Upcoming short-term and midterm innovations

Introducing new modeling artifacts, additional task management features, and more comprehensive monitoring capabilities

Key capabilities

- Enhanced BPMN support: Support for mail notifications
- Import services from SAP API Business Hub or SAP Cloud Platform Integration
- Monitoring: Show completed workflows and workflow context
- Enhanced task management: Forwarding and reassignment of tasks
- Rapid application development: Template-based generation of user interfaces for workflows and tasks

Benefits

- Address more complex workflow scenarios
- Reduce time to develop user interfaces/workflow forms

The screenshot shows the SAP Cloud Platform Workflow interface. On the left, a list of workflow instances is displayed under the heading 'Workflow Instances (13)'. The instances are categorized by state: onboarding (Employee onboarding for ID 103165, 103166, 103167, 103168, 103169, 103161, 103162, 103163, 103164, 103165, 103166, 103167, 103168). Each entry shows the status (e.g., Running, Pending), the user who started it (Lenn), and the current step (e.g., onboarding). On the right, a detailed view of the 'Employee onboarding for ID 103161' instance is shown. The 'Workflow Instance' tab is selected, displaying information such as Instance ID, Definition ID, Definition Version, Started By, Started At, and Business Key. Below this, sections for 'ERROR MESSAGES' (none found) and 'EXECUTION LOG' are present, showing the history of events: 'Ticket Worklog for Sales Request' available, 'Order Equipment' completed successfully, and 'Order Equipment started'. A large watermark 'SAP Labs preview' is overlaid on the interface.

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

SAP Cloud Platform Workflow

Upcoming short-term and midterm innovations



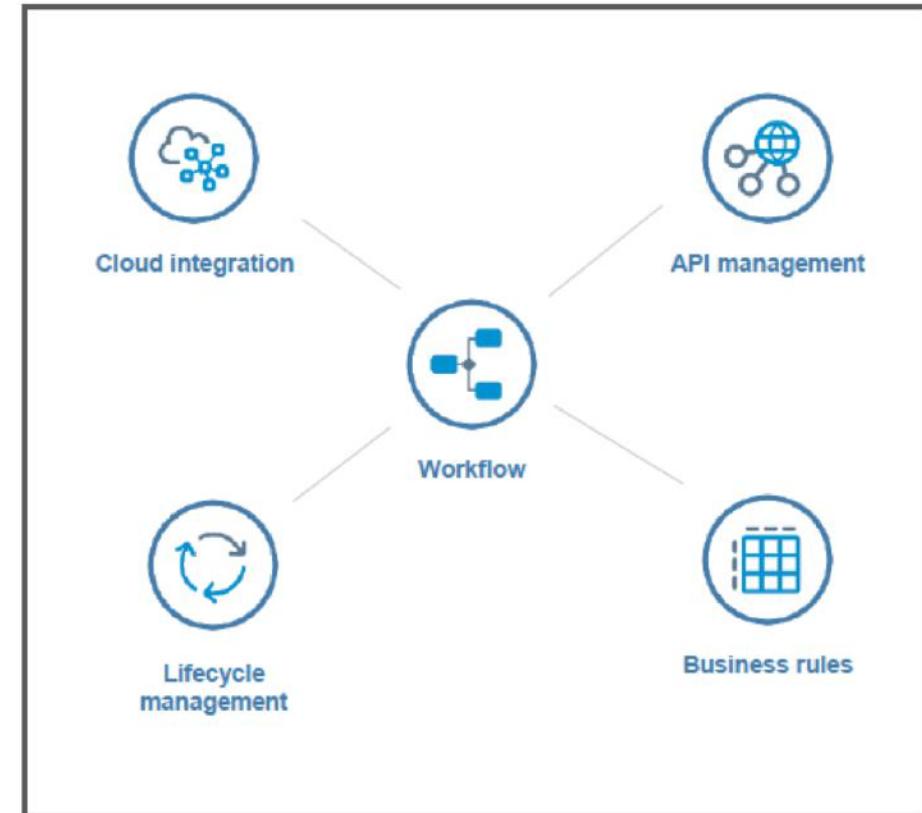
Better interoperability and integration with other services

Key capabilities

- Import/export of BPMN 2.0 model files
- Dedicated business rule task
- Support of MTA concept for lifecycle management
- Task management: Custom attributes, comments, and decisions
- Monitoring and administration of tasks

Benefits

- Interoperability with other process modeling tools (such as SAP BPM)
- Improved developer productivity
- Easy transport of workflow projects



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

Summary



Summary

SAP Cloud Platform Workflow

- BPMN-based workflow modeler in SAP Web IDE.
- My Inbox application for end users to manage their tasks.
- Monitoring and administration of running workflows.
- HTTP-based connectivity to other applications and services.
- REST API to manage workflows and tasks.

Rapidly **build new workflow-based applications** on SAP Cloud Platform.

Extend standard
cloud application workflows.

More Information

- [SAP Cloud Platform Workflow - Product Page](#)
- [Solution Video on YouTube](#)
- [Product Expert Video](#)
- [Solution Brief](#)
- [SAP Help](#)
- [Learning Journey](#)
- [SAP Community](#)
- [SAP Cloud Platform Podcast - Episode 27: Interview with CPO Christian Loos](#)
- [SAP Cloud Platform Roadmap \(slide 100\)](#)
- [Press Release](#)
- [Optimizing Workflows for Your Digital Business](#)
- openSAP course: [SAP Cloud Platform Essentials \(Update Q3/2017\)](#)
- Solution Blueprints: [Automating Employee Onboarding Processes](#)
- SAP TechEd Lecture - [CPL110 - BPM Services in the Cloud: Modeling, Workflow, Rules, and Visibility](#)

Thank you.