

# SAP Cloud Platform Integration Suite

## Monthly Updates – November 2020

Deep Ganguly, Marco Ertel, Finny Babu  
SAP Cloud Platform Integration Suite

# Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. Except for your obligation to protect confidential information, this presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this presentation or any related document, or to develop or release any functionality mentioned therein.

This presentation, or any related document and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this presentation is not a commitment, promise or legal obligation to deliver any material, code or functionality. This presentation is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This presentation is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this presentation, except if such damages were caused by SAP's intentional or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

# Agenda



- Product Updates
  - Improved Design Time
  - JDBC Receiver Adapter Enhancements
  - Advanced API Analytics
  - Client SDK for API Management
  - Recent Enhancements in Integration Advisor
- Interact with Integration Black Belt
- Q&A



# Integration Suite in TechEd 2020

## SAP TechEd in 2020

Open, accessible, and vital.

December 8—10, 2020

Registration Details



Check out the [Integration Suite sessions](#) and register for them!!

# Improved Design Time

## Package View Improvements

- Configure multiple integration flows
- Value Help for Sender & Receiver

Configure Integration Flows	
	Sender Receiver More
Replicate Discounted Price from SAP Subscription Billing to SAP Commerce	
Fetch_Subscription_Pricing	
Replicate OMS Order Notifications from S4HANA to SAP Commerce for Quote 2.0	
Replicate Quote from SAP CPQ to SAP Commerce	
Replicate Quote from SAP CPQ to SAP Commerce with Subscriptions	
Replicate_Quote_from_SAP_Commerce_to_SAP_CPQ	
Route IDocs from S4HANA to SAP Commerce for Quote 2.0	
Replicate_Quote_Status_from_SAP_Commerce_to_SAP_CPQ	

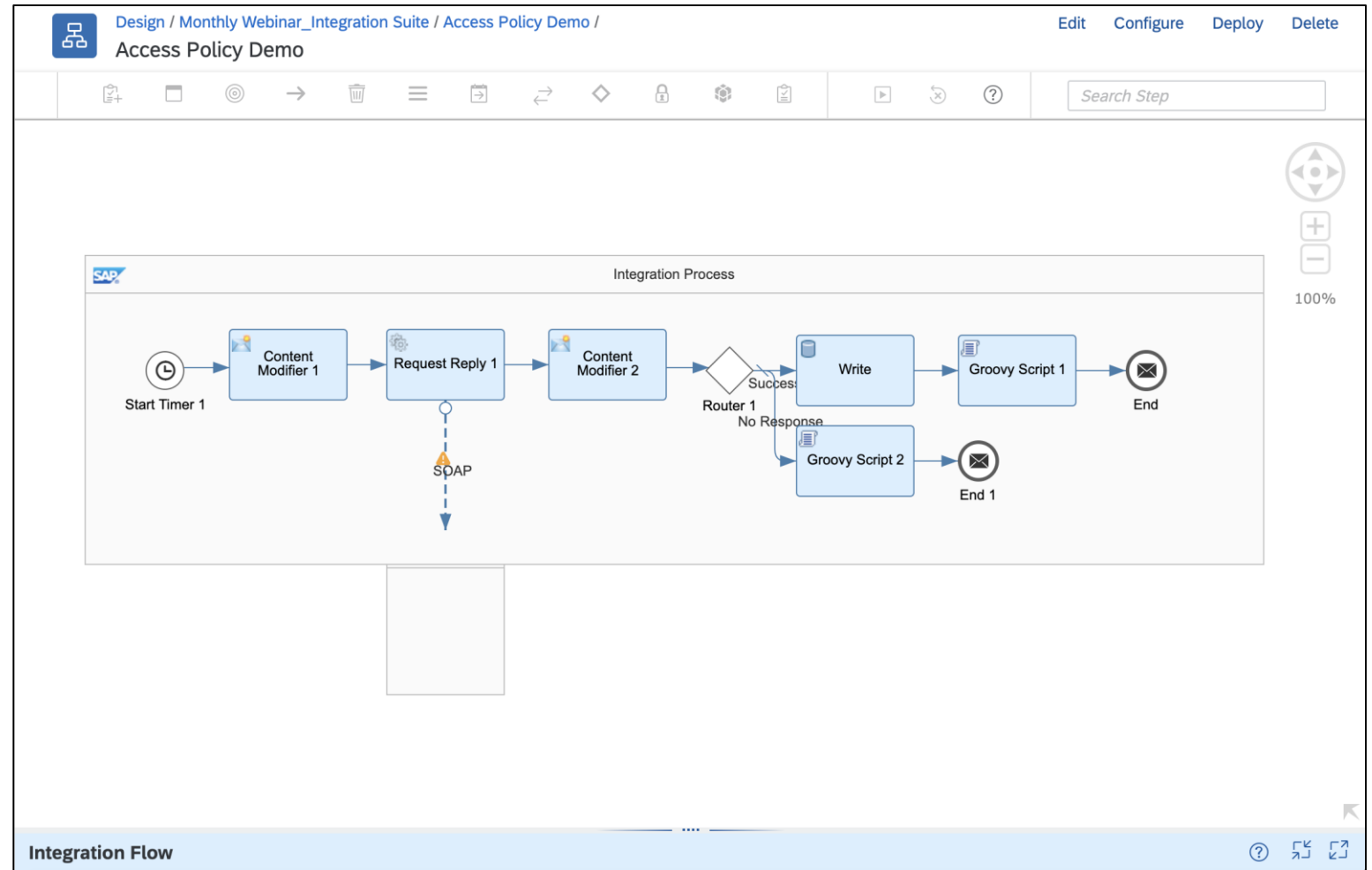
Configure Integration Flows	
	Sender Receiver More
	Sender: RoutingIFlow
	Adapter Type: ProcessDirect
<b>Connection</b>	Address: /s4hana/CommerceOrder

# Improved Design Time

## Integration Flow Editor

- Horizontal placement of palette
- Simulation & search in the palette
- Minimized property sheet
- Double click to open the property sheet

See the [blog](#) for more details.





**Demo**

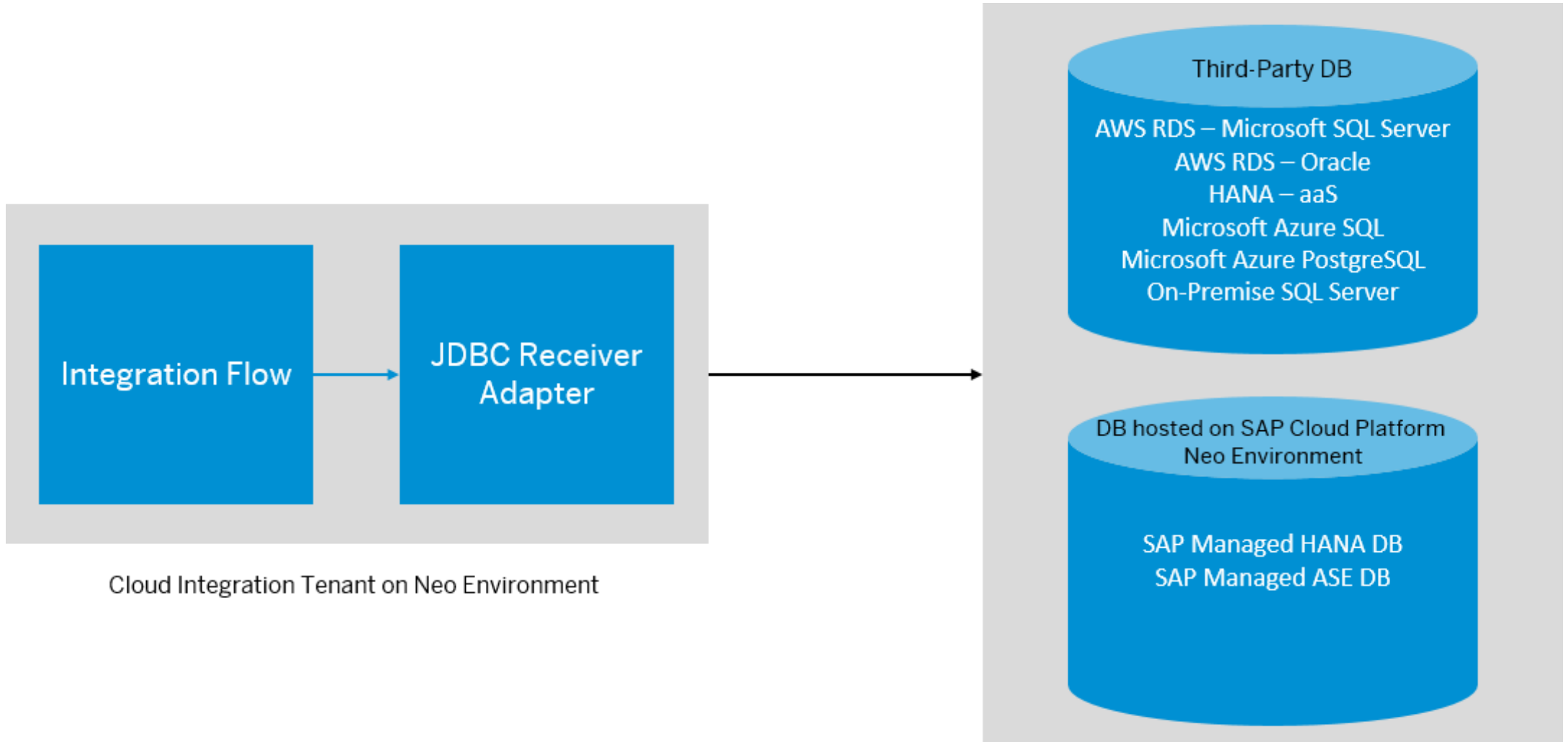
# JDBC Receiver Adapter

JDBC receiver adapter enables you to establish connection with SAP managed and third-party databases. Before deploying the integration flow, you're required to do the following to communicate with database:

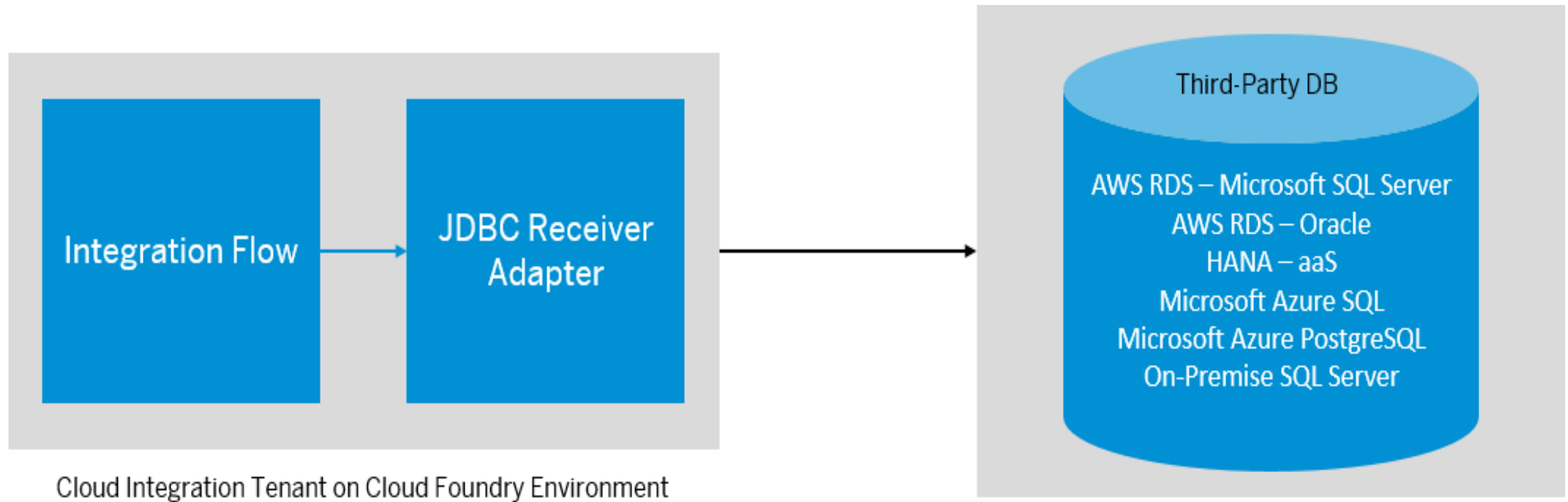
1. Upload and deploy type-4 compliant JDBC drivers
2. Create a Data Source, to access the database, based on the uploaded JDBC driver
3. If you're connecting to on-premise database, then you must validate the connection in the Cloud Connector.
4. Configure the adapter to communicate with your database based on the environment your tenant is hosted.



# JDBC Receiver Adapter - NEO



# JDBC Receiver Adapter – CF





**Demo**



Overview / Manage JDBC Material

JDBC Data Source JDBC Driver

JDBC Data Sources (0) Filter by Name Add Refresh Settings

Name	Status
No data	



No JDBC Data Source selected  
Select an item from the Data Source list

# Advanced API Analytics

- Graphical representation of data, derived using visually appealing charts
- Choose between different chart types to visualize data
- Create Custom View
  - Add multiple measures with various dimensions for a single chart
  - Create Custom Dimension and Measures
- Analyse API metrics
  - Health
    - API Calls, Cache Responses, Backend Response Time, Backend Error Call Count , API Response Time, Average Response Time
  - Usage Metric – key requirements
    - Developer Engagement Status, New Developers, New Applications, Top Browsers , Top Agents , Top Operating System, Top Devices, Device types

# Client SDK for API Management

- Software development kit (SDK) is available for developers through a non-commercial license
- SAP API Management 1.1.1, client SDK [documentation](#)
- Download the package from [here](#)

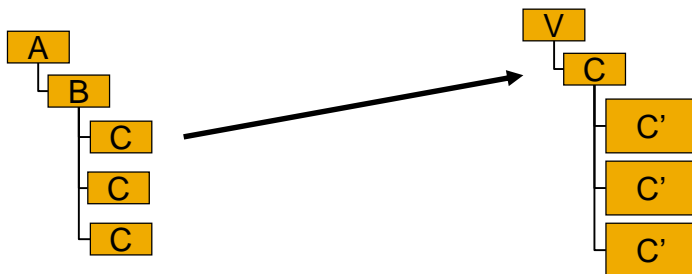
# Recent Enhancement in Integration Advisor

## Qualifiers extended with the multi-value qualifier

- Useful for qualifiers with the same substructure
- Saves time and makes documentation easier

### Leaf to group node mapping:

Leaves can directly mapped to a group node which defines the cardinality of the group



Create Qualifier

Selected Qualifier Marker: /374

Qualifier Value Options:  Specified Values  Remaining Values

∅ - No Value

Column(s): All Operator: Contains Term: Search

<input type="checkbox"/> Value	Name
<input type="checkbox"/> 001	Cancel After
<input checked="" type="checkbox"/> 002	Delivery Requested
<input checked="" type="checkbox"/> 003	Invoice
<input type="checkbox"/> 004	Purchase Order
<input checked="" type="checkbox"/> 005	Sailing
<input type="checkbox"/> 006	Sold
<input type="checkbox"/> 007	Effective
<input type="checkbox"/> 008	Purchase Order Received
<input type="checkbox"/> 009	Process
<input type="checkbox"/> 010	Requested Ship

« < 1 / 133 > »

▼ <input type="checkbox"/> DTM – Date/Time Reference - Delivery Requested or	← 002   003   005	0..1	15...
--	-------------------	------	-------

# Recent Enhancements in Integration Advisor

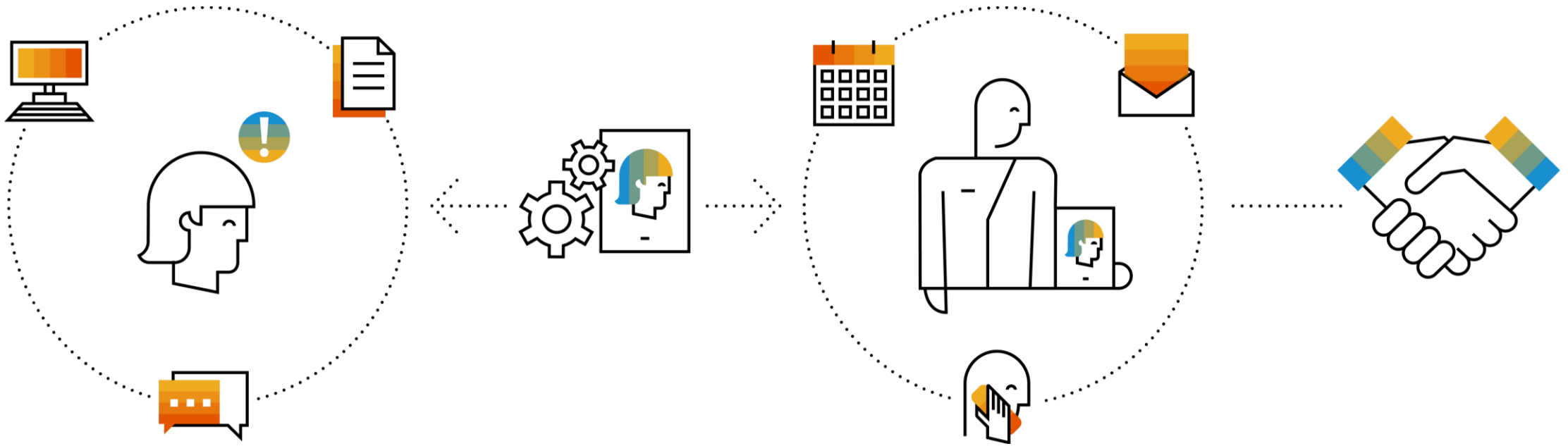
## Additional date time patterns

### Very soon:

- Direct Constant functions
- Odette
- New Edifact versions
- ...

Date	
CCYY'-MM'-DD[Z](+ -)hh':'mm]	ISO 8601   XML: xsd:date
YYMMDD	Edifact: 101   X12: D6, DT6..6
CCYYMMDD	Edifact: 102   X12: D8, DT8..8   IDoc: DATS
DDMMYY	Edifact: 2
DDMMCCYY	Edifact: 4
MMDDYY	Edifact: 3   X12: TT
MMDDCCYY	X12: DB
YYMM	Edifact: 609   X12: YM
MMYY	X12: TQ
CCYYMM	Edifact: 610   X12: CM   IDoc: ACCP
MMCCYY	X12: MCY
MM	Edifact: 109   X12: MM
DD	Edifact: 110   X12: DD
MMDD	Edifact: 106   X12: MD
CC	Edifact: 600   X12: CC
YY	Edifact: 601   X12: YY
CCYY	Edifact: 602   X12: CY
DateTime	
CCYY'-MM'-DD'T'hh':'mm':'ss[':ff*][Z](+ -)hh':'mm]	ISO 8601   XML: xsd:dateTime
CCYYMMDD'T'hhmm	Edifact: 10
CCYYMMDDhhmm	Edifact: 203   X12: DT
CCYYMMDDhhmmss	Edifact: 204   X12: RTS





# Interact with Integration Black Belt

## SAP Cloud Platform Integration Suite

# Speaker



**Adam Kiwon**

Chief Interface Designer

<whitepaper />  
InterfaceDesign

- Ex-SAP, Patent Co-owner (SAP Enterprise Services, GDTs),
- Author of “Praxishandbuch SAP Cloud Platform Integration” at Espresso Tutorials
- Providing SAP Middleware Add-ons as Integration Content: WHINT Solutions
- Helping companies to connect business processes to SAP, improving integration, increasing quality, saving time

# Invitation: “Integration Black Belts”

## “Interact with Integration Blackbelts”

- Speakers from customers / partners / stakeholders / consultants to share their innovations, solution architecture, best practices and integration patterns
- 20 mins slot
- Interested to present? Reach out to [finny.babu@sap.com](mailto:finny.babu@sap.com)



# Q&A

**Thank you.**

Follow us



[www.sap.com/contactsap](http://www.sap.com/contactsap)

© 2020 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platforms, directions, and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See [www.sap.com/copyright](http://www.sap.com/copyright) for additional trademark information and notices.