SAP Cloud Platform Integration Suite
Monthly Updates – November 2020

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SAP Cloud Platform Integration Suite

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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
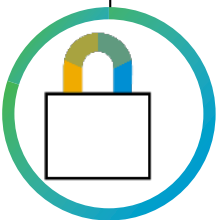
Integration Suite in TechEd 2020

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
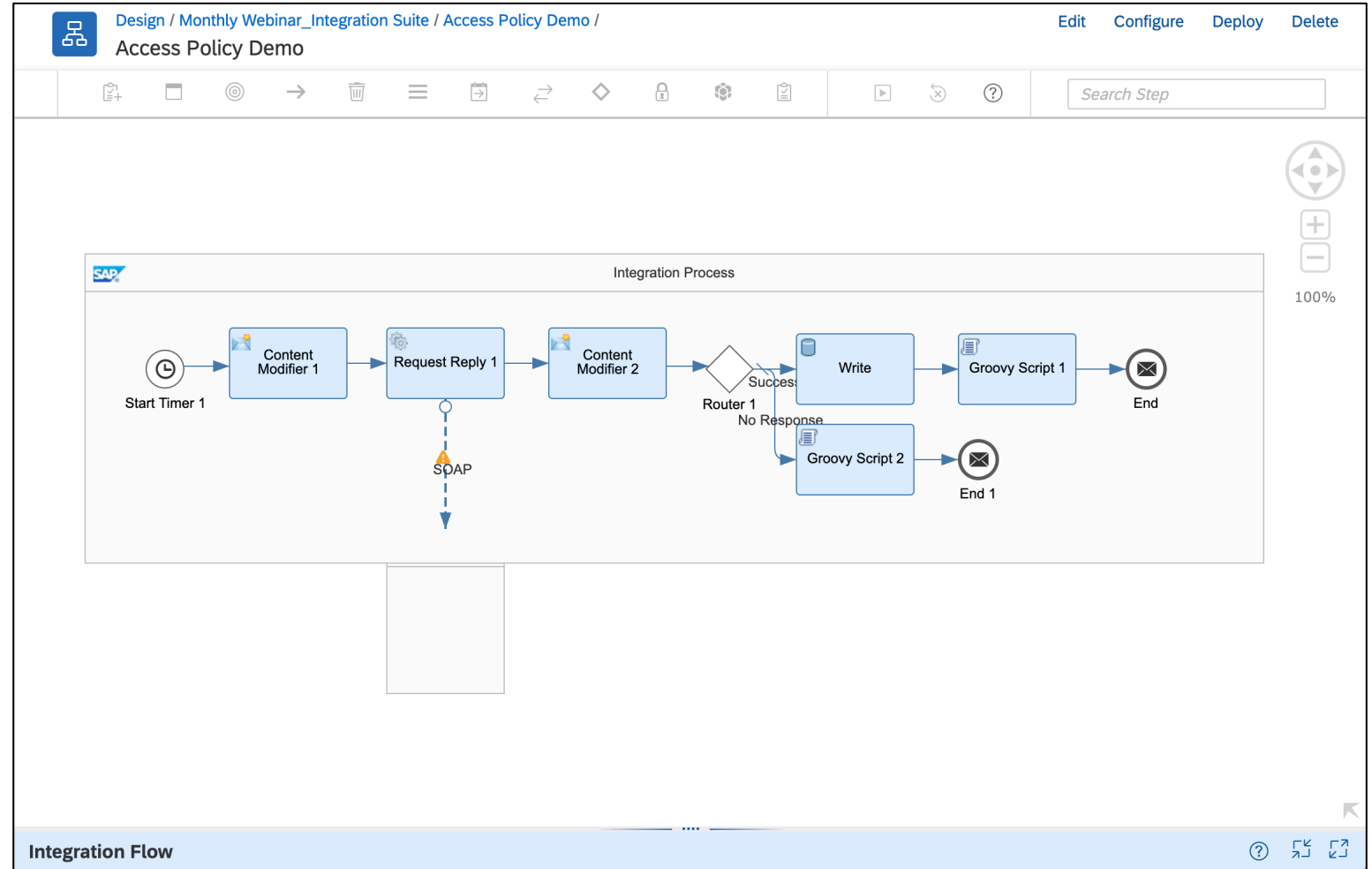
Improved Design Time

Integration Flow Editor

- Horizontal placement of palette

- Simulation & search in the palette

- Minimized property sheet

- Double click to open the property sheet
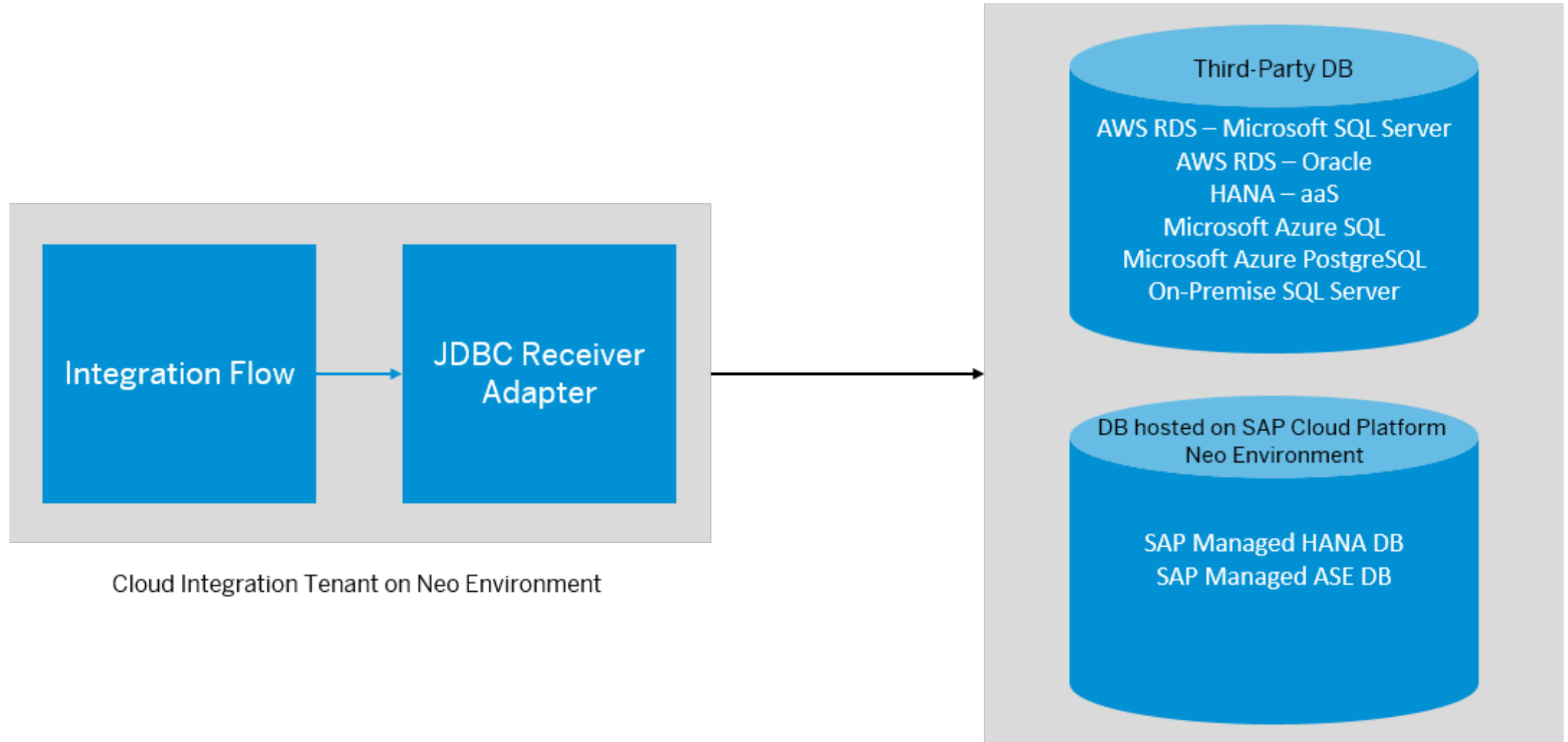
See the blog for more details.
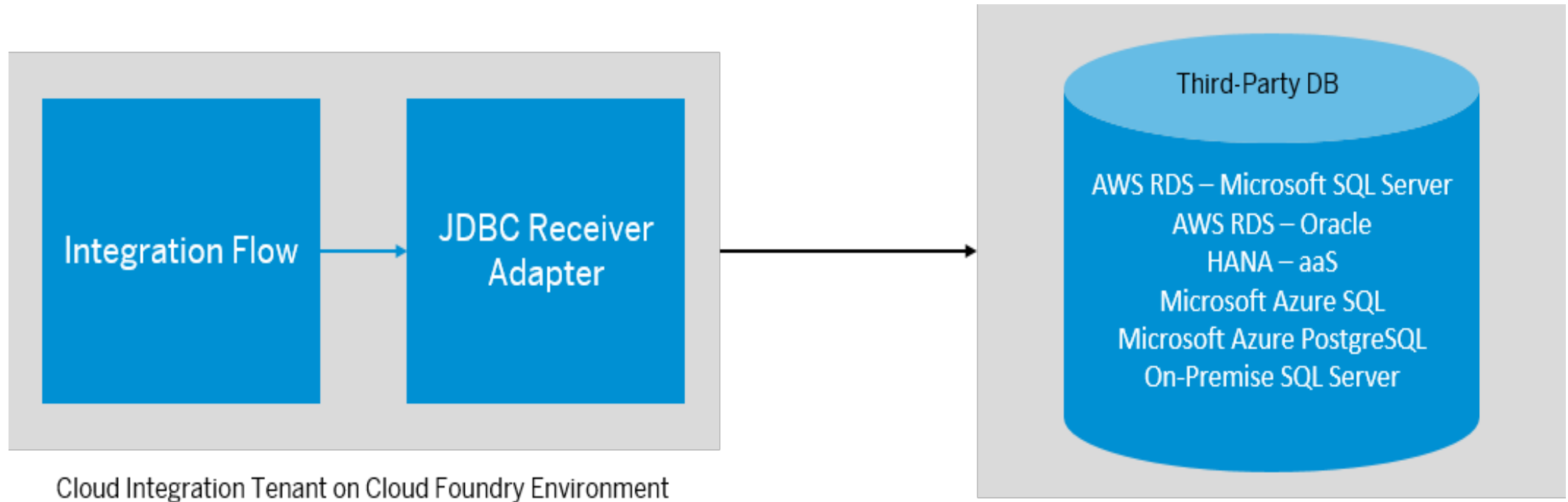
Demo

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

Cloud Integration Tenant on Neo Environment

Integration Flow → JDBC Receiver Adapter

Third-Party DB

AWS RDS – Microsoft SQL Server
AWS RDS – Oracle
HANA – aaS
Microsoft Azure SQL
Microsoft Azure PostgreSQL
On-Premise SQL Server

DB hosted on SAP Cloud Platform Neo Environment

SAP Managed HANA DB
SAP Managed ASE DB

JDBC Receiver Adapter – CF

Integration Flow → JDBC Receiver Adapter

Cloud Integration Tenant on Cloud Foundry Environment

Third-Party DB

AWS RDS – Microsoft SQL Server
AWS RDS – Oracle
HANA – aaS
Microsoft Azure SQL
Microsoft Azure PostgreSQL
On-Premise SQL Server

Demo

s50002-tmn.hci.int.sap.eu2.hana.ondemand.com/itspaces/shell/monitoring/JdbcMaterial

SAP SAP Cloud Platform Integration   Integration Advisor

Overview / Manage JDBC Material

JDBC Data Source   JDBC Driver

JDBC Data Sources (0)   Filter by Name   Add

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
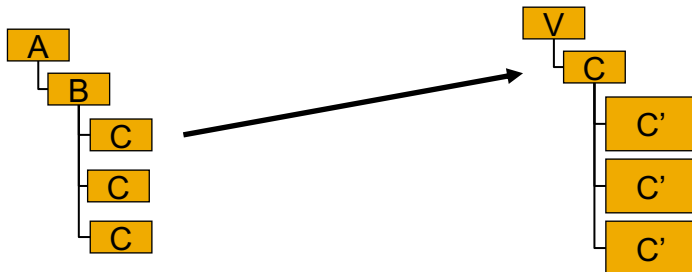
Create Qualifier

Selected Qualifier Marker:	./374	

Qualifier Value Options: ● Specified Values ○ Remaining Values

☐ Ø - No Value

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

	Value	Name
☐		
☐	001	Cancel After
☑	002	Delivery Requested
☑	003	Invoice
☐	004	Purchase Order
☑	005	Sailing
☐	006	Sold
☐	007	Effective
☐	008	Purchase Order Received
☐	009	Process
☐	010	Requested Ship

« ‹ 1 / 133 › »

| ∨ ☐ 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
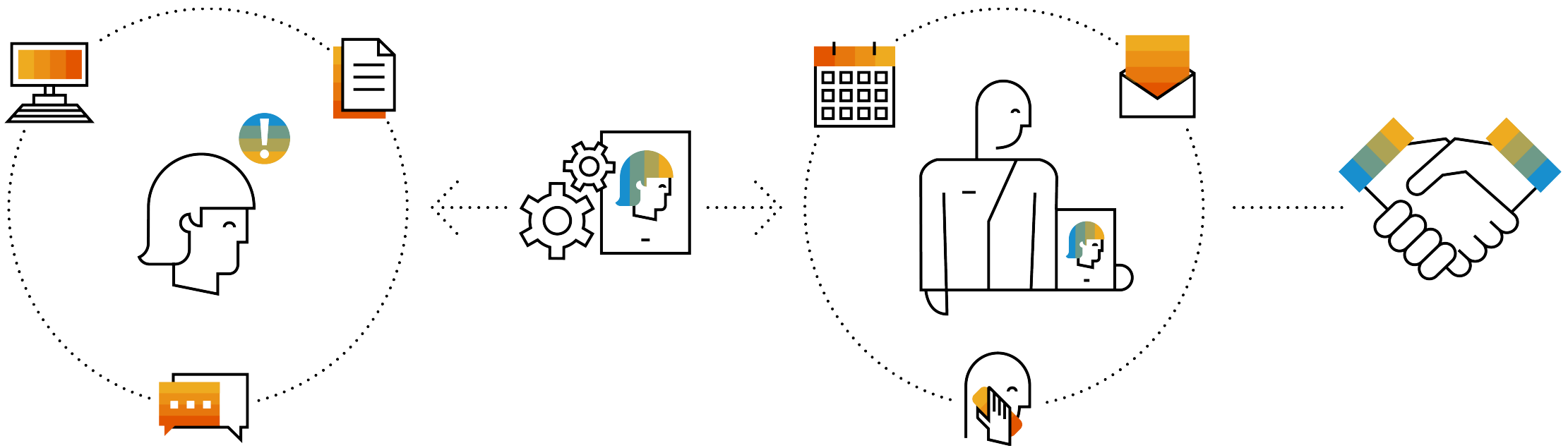
Interact with Integration Black Belt

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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

Q&A

Thank you.

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