

# **Solution Update**

# **SAP Analysis for Office**





# **Today's Session** *Key Topics*

- Introductions
- SAP Analysis for Office Solution Update
- Related APOS Solutions
- Q&A see webinar console

### **Φ Α Ρ Ο S**

#### Today's Presenters



#### **ALLAN PYM**

Chief Operating Officer APOS



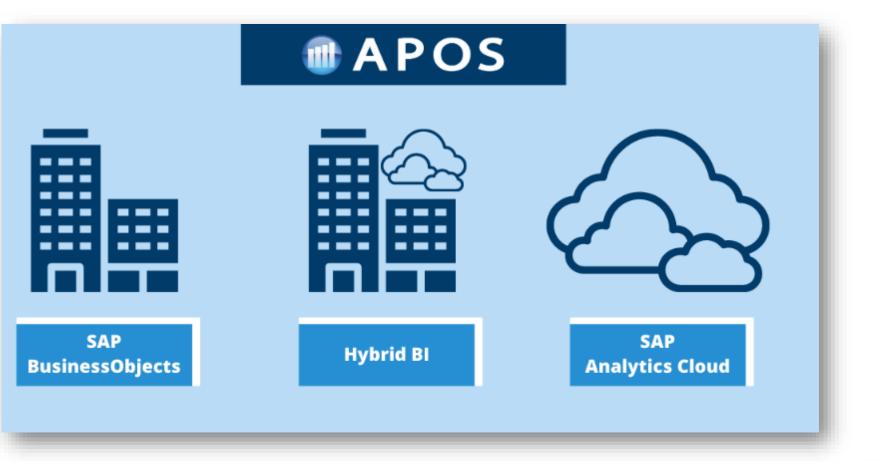
#### **JEANNE BIGONNET**

Product Manager, Analytics SAP

# Who is APOS?

- Formed in 1992
- Enabling BI data connectivity, platform management, administration, migration, governance and compliance
- Simplifying, automating, extending SAP BusinessObjects and SAP Analytics Cloud
- Strategic SDK development and consulting
- Hundreds of customers globally













### Jeanne Bigonnet Product Manager, Analytics SAP



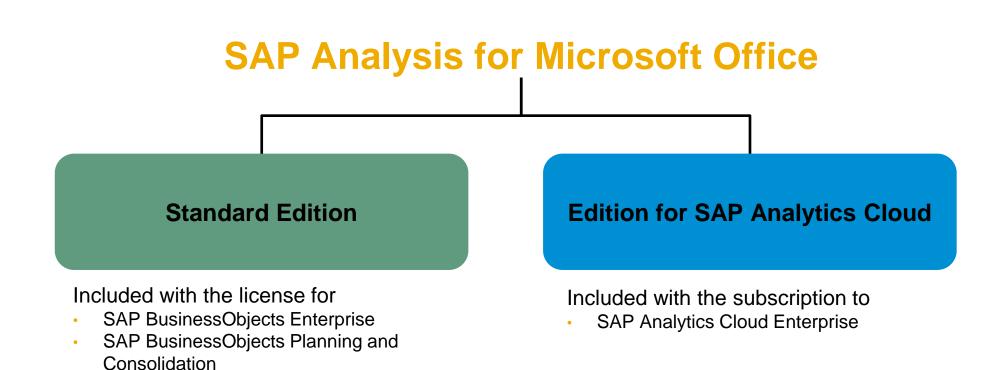
### Microsoft Office integration

Jeanne Bigonnet, SAP June, 2022

Public



SAP Analysis for Microsoft Office One Product – Two Editions



#### SAP Analysis for Microsoft Office - Since 2.8SP9 (June 2021)

	SAP Analysis for Office (AO) Standard Edition	SAP Analysis for Office (AO) for SAC
	Included with license for BusinessObjects and BPC	SAC Subscription
Analysis – SAC connectivity incl. SAC live connection to BW (S/4), BPC, HANA	$\checkmark$	$\checkmark$
Analysis – direct BW (S/4), BPC, HANA connectivity incl. access to NW repository/storage	$\checkmark$	✓ <u>2.8 SP9</u>
Analysis – direct BI platform connectivity incl. access to repository/storage	$\checkmark$	✓ <u>2.8 SP9</u>
BEx Workbook Conversion	$\checkmark$	✓ <u>2.8 SP9</u>
Analysis – PowerPoint integration	$\checkmark$	⊗*
Analysis – BI platform scheduling	$\checkmark$	⊗*
EPM add-in & BPC activity pane/plug-in (+ CPM add on)	$\checkmark$	⊗*

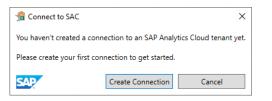
\*not planned

### SAP Analysis for Office (AO) for SAC Improvements (1/3)

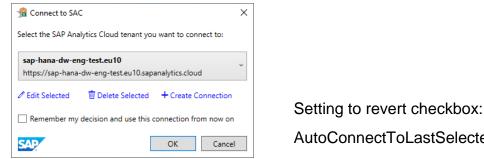
Allows BW/Hana direct access from SAP Analytics Cloud

Allows BOE direct access from SAP Analytics Cloud

At least one SAP Analytics Cloud connection needs to be maintained: 1)



SAP Analytics Cloud connection can be changed and also remembered to avoid initial pop-up: 2)



AutoConnectToLastSelectedSACSystem

Pop-up will not appear in case workbook already connects to an SAP Analytics Cloud data 3) provider.

Example:

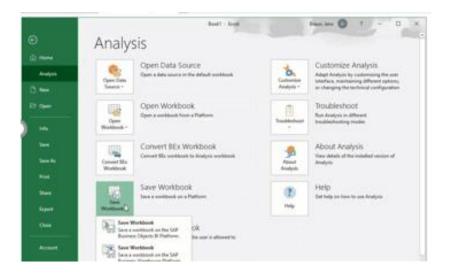
Workbook contains BW direct data provider  $\rightarrow$  Pop-Up for SAC logon triggered

Workbook contains BW data provider via SAC live connection  $\rightarrow$  No extra Pop-Up for SAC logon triggered

### SAP Analysis for Office (AO) for SAC Improvements (2/3)

Allows BW/Hana Open/Save Menus in Analysis tab Allows BOE Open/Save Menus in Analysis tab

Allows Convert Bex Workbook in Analysis tab



### SAP Analysis for Office (AO) for SAC Improvements (3/3)

Pub

### From AO standard to AO for SAC edition

There is no specific action to take. Only deinstall the former version in use and reinstall AO, Edition for SAP Analytics Cloud.

Focus on Workbook storage:

There is no Workbook storage capabilities in SAP Analytics Cloud

#### Use instead:

- Content "Link option" In SAP Analytics Cloud File Repository menu to link to the workbook
- Hyperlink in SAP Analytics Cloud Catalog
- Share Point or any shared drive

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Extend your BPC with SAP Analytics Cloud Planning								_			

#### AO on DWC AO2.8SP14 (May 30)

	SAP Analysis for Office (AO) Standard Edition	SAP Analysis for Office (AO) for SAC
	Included with license for BusinessObjects (named users)	SAC Subscription
Analysis – Direct DWC	$\checkmark$	$\checkmark$
Analysis – Workbook storage capability (BIIP, BW, local storage only) on DWC	$\otimes$	$\otimes$
Analysis – PowerPoint integration	${igwedge}$	$\otimes$
Analysis – Scheduling (reason: no connection available to DWC in BIIP)	$\otimes$	$\otimes$

All AO feature on top of Hana features are supported -

See note 2038663 : No commenting , no planning, no hierarchies on fly, shared axis sharing .....

### SAP Analysis for Microsoft Office Road Map

H1/2022	H2/2022	Future Direction
<ul><li>Continuous improvements</li><li>Data warehouse Cloud support</li></ul>	<ul> <li>Continuous improvements</li> <li>Support SAP S/4HANA Cloud</li> <li>File repo (if planned)</li> </ul>	<ul><li>Continuous improvements</li><li>Replace systems</li></ul>

### 2 complementary add-ins for Microsoft Office

#### **Statement of direction**

A Cloud based edition, delivered through Microsoft Store

SAP Analytics Cloud, add-in for Microsoft Office

A Desktop edition, delivered by SAP

**SAP Analysis for Microsoft Office** 

SAP Analytics Cloud add-in for Microsoft Office, our strategic go-to-frontend, will receive most enhancements for an Excel environment connecting to SAP Cloud sources\* as SAP Analytics Cloud and SAP Data Warehouse Cloud. It is available for both Microsoft Office 365 Cloud and Desktop versions.

SAP Analysis for Office continues to be an important add-in for customers requiring access to multiple data sources like BW, BPC, S/4, … It can be also used with SAP Analytics Cloud with limitations\*\* and SAP Data Warehouse Cloud.

Due to the different technologies, no migration path is provided between the two solutions.

\* See <u>Road map</u> for planned additional sources

#### **SAP Analytics Cloud, add-in for Microsoft Office** Introducing SAP Analytics Cloud, add-in for Microsoft Office

#### DEDICATED TO SAP ANALYTICS CLOUD

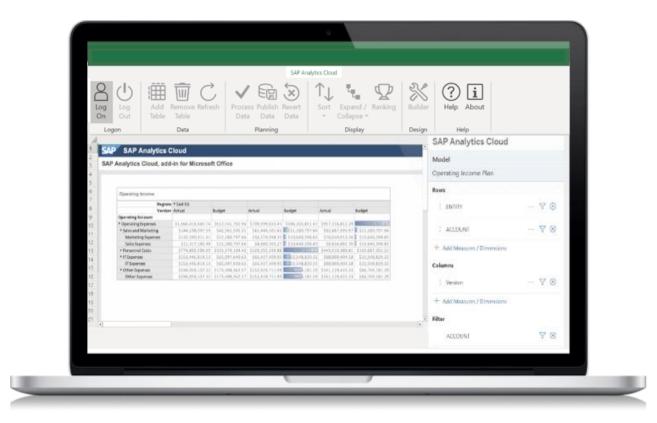
Analyze, Share or Plan against SAC native models and live DWC data sets

#### WORK ANYWHERE

Office 365 online or desktop on any device: at work, home, on the road

#### AVAILABLE THROUGH MICROSOFT STORE

Allows access to SAC and DWC data in Microsoft Excel with no installation, no maintenance pain



### **Roadmap for SAP Analytics Cloud, add-in for MS Office**

Product Plan									
Q1 2022	Q2 2022	Q3 2022	Future Direction						
SAP Analytics Cloud, add-in for MS Office									
Planning	Business Intelligence:	Planning	Planning						
<ul> <li>Member selector – Filter leaves</li> </ul>	<ul> <li>Custom functions: Cell-based data retrieval</li> </ul>	<ul> <li>Execute Data Actions</li> </ul>	<ul> <li>Commenting</li> </ul>						
	(GetData)	<ul> <li>New member selector filtering capability to</li> </ul>	<ul> <li>Add Member</li> </ul>						
Business Intelligence	<ul> <li>Prompts (DWC &amp; member selector)</li> </ul>	define valid tuples for data entry	Fluid Data Entry						
Prompt support for SAC Model (Currency	<ul> <li>Add new columns/rows to table</li> </ul>		<ul> <li>Upload planning data from file</li> </ul>						
Variable Support)	<ul> <li>Number Formatting</li> </ul>	Business Intelligence	<ul> <li>Calendar integration</li> </ul>						
<ul> <li>Formula based filter components</li> </ul>		<ul> <li>Dynamic formulas (new lines)</li> </ul>	, i i i i i i i i i i i i i i i i i i i						
<ul> <li>Single Table refresh</li> </ul>	User Experience	<ul> <li>Custom Measure Sorting</li> </ul>	Business Intelligence						
	<ul> <li>Support Copy &amp; Paste Table definition</li> </ul>		<ul> <li>Undo / Redo</li> </ul>						
		User Experience	Seamless integration from SAP Analytics						
	Data Sources / Platforms	<ul> <li>Multiple table on one sheet</li> </ul>	Cloud story						
	<ul> <li>NEO support</li> </ul>	<ul> <li>Check Overwriting Off- grid formula</li> </ul>							
	<ul> <li>Tenant repointing</li> </ul>		Data Sources / Platforms						
		Data Sources / Platforms	<ul> <li>Other live connections: BW live, SAP</li> </ul>						
		<ul> <li>S/4HANA Cloud (as live data source)</li> </ul>	HANA Cloud						

#### Link to Roadmap Explorer

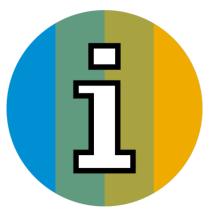
#### **SAP Analytics Cloud, add-in for Microsoft Office** Key links for more information for customers and partners

SAP Analytics Cloud add in for MS office – Community page & blogs & FAQ – Click <u>HERE</u>

SAP Analytics Cloud add in for MS office – Road Map – Click HERE

SAP Analytics Cloud add in for MS office – Deploying the add-in – Click <u>HERE</u>

SAP Analytics Cloud add in for MS office – See it in action! – Click HERE



### **Related APOS Solutions**

### Solutions for Analysis Office

### BEx Broadcast Replacement



# **APOS Solutions for Analysis for Office**



### High Volume Scheduling

Report Management





# **APOS Solutions for Analysis for Office**

### **Report Publishing**

- Bursting / Broadcasting
- Report Consolidation
- Distribution



# **Analysis Office - Report Publishing**

#### **Report Bursting / Broadcasting**

- Expand SAP BusinessObjects for generation of recipient-specific Analysis Office reports
- Data-driven, rules-driven and security-driven process
- Customized content which respects information consumer data permissions
- Dynamically slice information using prompts and filters
- Dynamic lists generated using values directly from security/permissions data

#### **Report Consolidation**

- Build a package of reports for individual information consumers
  - receive a single consolidated report rather than a series of disconnected reports
- Blending of Analysis Office content with other BI content types

### Distribution

- Expanded Destinations
  - Email (attachment, body) Printer, Network file location, FTP/FTPS
- Expanded Formats
  - PDF, CSV, XLS, HTML, TXT, XML, OXML, XPS, ODS



# **APOS Solutions for Analysis for Office**

### **High Volume Scheduling**

- Bulk Management of Schedules
- Intuitive and Flexible
- Reusable and Repeatable





- Schedule AO documents in bulk and manage within familiar, easy-to-use Excel interface
- Manage and update report parameters and filters
- Scan across folders for AO instances and schedules to build bulk scheduling lists
- Save scheduling spreadsheets for future modification and reuse

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# **APOS Solutions for Analysis for Office**



- Instance Management
- Document Archive and Backup
- Document Impact Analysis
- Automated Report Testing





# **Analysis Office - Report Management**

#### **Instance Management**

- Managing AO instances with bulk operations
- Rapid response to failed AO schedules
- Bulk re-scheduling and editing of AO schedules

### **Document Archive/Backup**

- AO report recovery
- Long term AO document archival needs

#### **Document Impact Analysis**

- Clarity on what data is utilized in AO reports
- Database changes result in AO report challenges
- Identify preventive action needed

### Automated Report Testing

- Regression testing of AO reports
- Validation of AO reports between systems
- Validation of AO reports after migration



# **APOS Solutions for SAP BusinessObjects**



#### **APOS Insight**

#### **BI System Auditing**

- System Inventory
- Security Analysis
- System Usage Analysis
- Report Impact Analysis

#### **BI System Monitoring**

- Advanced System Monitoring
- **Operating Environment Monitoring**
- Database Monitoring
- Process Monitoring

#### **BI Report Testing**

- Automated Report Testing
- Regression Testing
- Validation of Report Data
- Report Performance Testing

#### **BI Query Surveillance**

- Real-time BI Query Monitoring
- Query Performance Alerting & Auditing
- Query Intervention; Remote Cancelling
- Sensitive Data Audit

#### **APOS Administrator**

#### **Object Management**

- Bulk Security Management
- Bulk Settings Management
- System Objects Promotion
- Connections Maintenance

#### **Instance Management**

- Manage entire instance inventory
- Granular instance search
- Stop, pause, release, reschedule Rapid recovery to failed schedules

#### Schedule Management

- High-volume schedule management
- Multiple schedule properties editing
- Grid scheduling interface
- Repeatable scheduling templates

#### Web Intelligence Migration

- Bulk conversion of Universes from UNV to UNX
- High-Volume Repoint Web Intelligence reports
- Success validation
- Controlled, project-based workflow



#### **APOS Storage Center**

- System Backup
- Content Archiving
- Content Versioning
- Selective Restoration
- Automated System Clean Up

#### **APOS Publisher**

- Systematic Content Delivery
- Advanced Document Bursting
- Enhanced Content Distribution
- Security and Encryption
- Statement Generation





## **APOS Publisher for SAP Analytics Cloud**

### **BEx Broadcast Replacement**

- Dynamic Broadcast Rules
- Formats
- Destinations



# **APOS Publisher for Cloud**

### **BEx Broadcast Workflow Replacement**

#### **Report Bursting / Broadcasting**

- Expand SAP Analytics Cloud for generation of recipient-specific SAC Stories/reports
- Data-driven, rules-driven and security-driven process to generate personalized reports
- Customized content which respects recipient data permissions
- Dynamically slice information using filters and variables
- Dynamic lists generated using values directly from security/permissions data

#### Formats

• Expanded output format options: Excel, PPT, PDF, + more

#### Destinations

• Expanded distribution location options: Email (attachment, body), Network file location, FTP

#### **Report Consolidation**

• Federate content from multiple SAC reports into a single document/spreadsheet



### **Customer Success**

### **BEx Broadcaster Workflow Replacement**

A global agricultural science and technology company uses Publisher for Cloud to fulfill a number of stakeholder reporting requirements that were previously addressed with BEx reports and BEx Broadcaster.

• Formats

Dynamic Formatting

- Targeted Distribution
- On-Demand Bursting





#### 

#### PUBLISHER FOR CLOUD USE CASE

#### CHALLENGE: **REPLACING BEX BROADCASTER IN** AN SAP BW/4HANA ENVIRONMENT

A leading, highly diversified, agricultural sciences manufacturer has been using BEx Broadcaster with SAP BW to keep its large network of customers, partners and resellers informed. The company planned to move their SAP BW deployment to SAP BW/4HANA, and needed to replicate BEx broadcasting capabilities on the new platform.



#### Requirements: High-Volume, Targeted Distribution & **Multiple Formats**



#### FORMATS

They needed to broadcast multiple formats such as Excel and PDF, and to be able to include multiple formats per email.

#### DYNAMIC FORMATTING

They needed a large number of columns to fit within a landscape mode PDF, and include color coding to emphasize key KPIs. Requirements also included a dataset that would vary in the number of rows being distributed, and formatting needed to adjust accordingly dynamically, with accurate pagination.





#### TARGETED DISTRIBUTION

# **APOS Solutions for SAP Analytics Cloud**



#### **APOS Live Data Gateway**

- High-performance live data connectivity
- Virtualized, governed, self-service connectivity
- Connect to Relational databases
- Connect to OLAP data sources
- Connect to Cloud data environments
- Connect to SAP Application data

#### **APOS Publisher for Cloud**

- Automate secure information delivery
- Deliver timely information
- Create a flexible messaging environment
- Simplify administration
- Use multiple formats & destinations
- Burst stories with multiple filters
- Burst conditionally
- Collate stories

.

Personalize PowerPoint bursting



#### **APOS Insight for Cloud**

Monitor - tracking & alerting for:

- SAC story performance
- System response measures

Validation automated comparisons across SAC versions of:

- SAC story data
- SAC story performance
- SAC story structure

#### Impact analysis - granular auditing of SAC story structure metadata

#### **APOS Semantic Layer Migration**

- Capture SAP BI Universe data connection and data modelling logic
- Project-based, wizard-driven interface
- Scan your SAP BI content for relevant data connections
- Harmonize SAP BI and HANA data modelling throughout Hybrid BI
- Translate SAP BusinessObjects modelling to SAP HANA Calculation Views
- Translate SAP BusinessObjects modelling to a unified semantic layer



# **Questions?**



### **Upcoming Events**

### Impact Analysis for SAP BusinessObjects Flashes of Insight – Webinar

#### June 18th , 2022 - 11am EDT

Impact analysis is a critical need for BI teams as BI systems and system content evolve rapidly. As data structure changes are being planned or implemented, it is important to know what BI content will be or has been affected by those changes. This is a common concern that creates challenges whenever database or semantic layer changes are made. These may be internally driven changes, or may result from externally driven changes in a third-party application (healthcare EHR systems, for example). Such data source changes can also affect financial reporting internal controls.

Join us June 16 for a live webinar, focusing on measuring, analyzing and managing the impact on reports, universes, and dashboards.

You will learn how to:

- · Foresee and measure the impact of any data source changes with detailed metadata to record system content changes
- · Which reports and universes will be affected by database schema changes?
- Which reports will be affected by modification of objects in universes
- Foresee and measure the impact of environmental changes
- · Use impact analysis to achieve regulatory/internal control compliance and to accelerate EHR upgrades







... and more

### **STAY CONNECTED**





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Join easily by searching "SAP Analytics Cloud (SAC)" & Request to Join on LinkedIn!

### **QUESTIONS?**

Please enter your questions in the Q&A panel.



# **Thank You!**

**Get in Touch** 

WEBSITE

www.apos.com

EMAIL ADDRESS

info@apos.com

PHONE NUMBER

(+1) 519 894 2767

