



# **Flexible SAP Analytics Cloud Broadcasting & Publishing for Countless Business Use Cases**

# Today's Session

## *Key Topics*

### **Broadcasting & Publisher for Cloud**

- Broadcasting Scenarios
  - Data-Driven Broadcasting
  - Core Capabilities
  - BEx Broadcaster
  - Expanded Solution Factors
- 
- Q&A – see webinar console



## Today's Presenters



**ALLAN PYM**

Chief Operating Officer  
APOS



**ALAN GOLDING**

Solution Consulting Manager  
APOS

## Who is APOS?

- Formed in 1992
- Enabling BI 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



# APOS



**SAP  
BusinessObjects**



**Hybrid BI**



**SAP  
Analytics Cloud**



## HOUSEKEEPING



You will have access to the **slides** via email



You will get the **recording** within 24 hours



Tell us how we did in the **survey**

# APOS Publisher for Cloud



**Flexible SAP Analytics Cloud Broadcasting & Publishing for Countless Business Use Cases**

# APOS Publisher for Cloud



**Flexible SAP Analytics Cloud Broadcasting & Publishing for Countless Business Use Cases**

- Broadcasting & Publishing
- Countless Use Cases
- Flexible



# APOS Publisher for Cloud



- **Broadcasting & Publishing**

- a data driven process for generation and delivery of report content that is customized for each targeted consumer
- aka 'bursting'

- **Countless Use Cases**

- an unlimited range of scenarios where information/report content needs to be distributed to targeted consumers

- **Flexible**

- adaptable to meet the solution requirements that come from the many mixtures of user requirements and technology landscape factors



# Schedule to One – Broadcasting?



To: User 1  
Subject: Weekly Sales Report



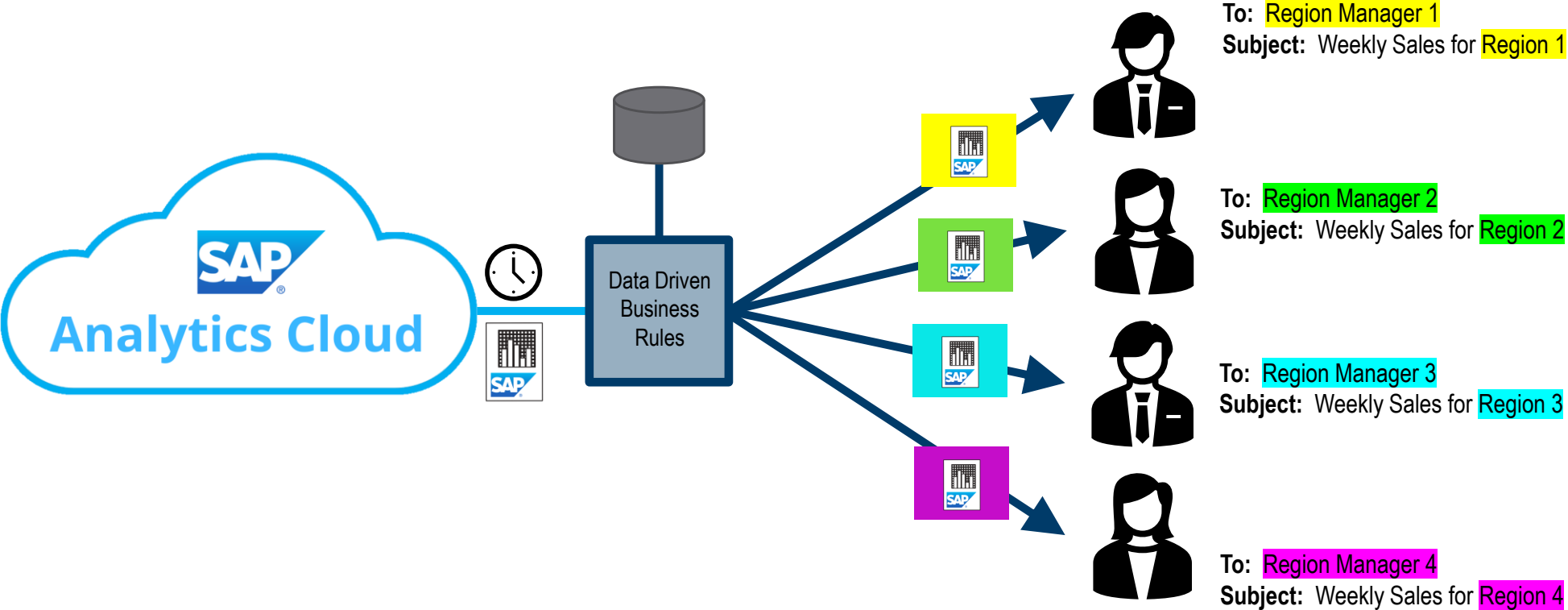
# Schedule to Multiple – Broadcasting?



To: User 1, User 2, User 3, User 4  
Subject: Global Weekly Sales Report



# Broadcasting/Bursting/Publishing



# Why Push Content?



## Why Push Content to Information Consumers?

- Barriers to Access
- Connectivity
- External Users
- Information Consumer Expectations
- Simplified Consumption
- Strategic Timing
- Information Accountability



# Countless Use Cases

## Possible consumers:

Executives, regional managers, line managers, suppliers, customers, investors, site supervisors, stores, store managers, production facilities, operations managers, sales people, sales territory manager, accounts receivable, accounts payable, hospital administrator, chief medical officer, doctor, patient, inspectors, drivers, shipping supervisors, volunteer coordinators – etc., etc.

## Any Stakeholder

## Kinds of reports:

Sales, inventory, orders, shipping, overage, underage, profitability, productivity, HR, vacation, recruits, hires, staffing, short pay accounts, long pay accounts, discount available payments, case load, case load assignment, daily discharges, test result trends, source tracing, age distribution – etc., etc.

## Any Kind of Report



# Flexibility

## Flexibility Considerations:

- Distribution Destinations
- Content Formats
- Content Presentation
- Process Controls





**EXTEND**  
**SAP ANALYTICS**



**Alan Golding**  
Solution Consulting Manager  
APOS



# APOS Publisher for Cloud



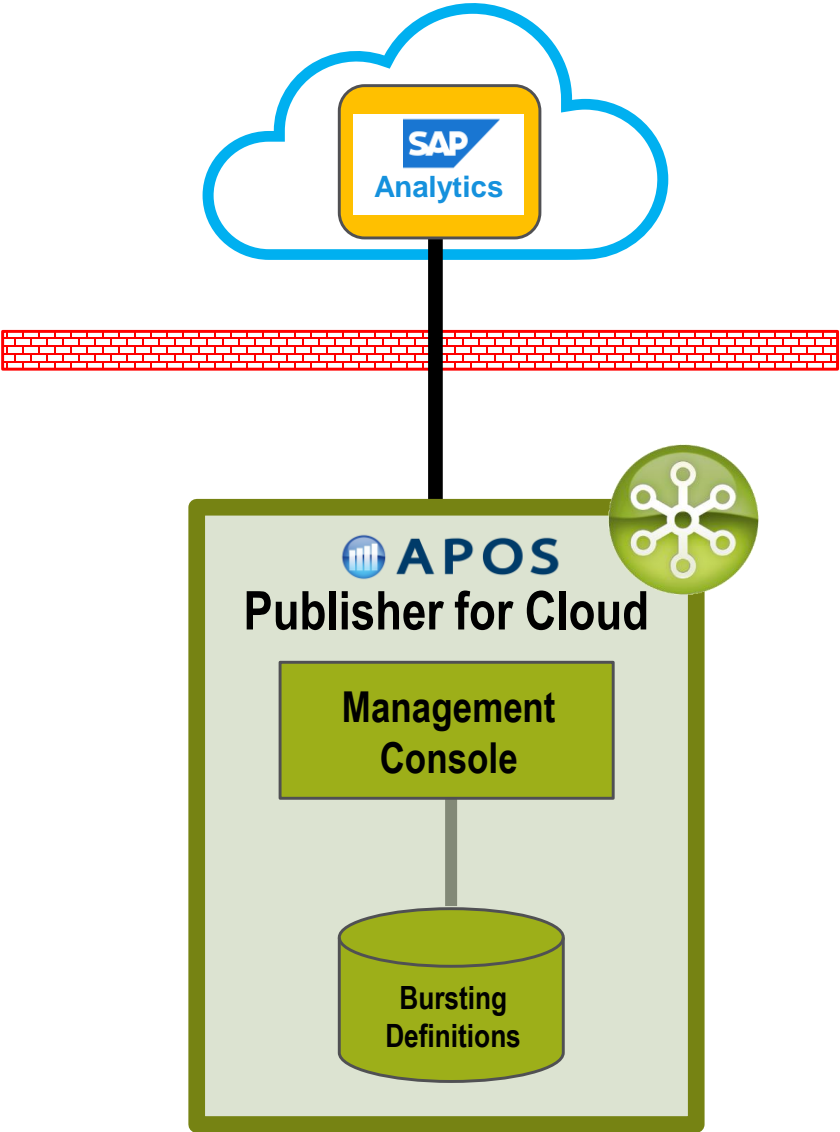
APOS Publisher for Cloud is a software solution that generates tailored versions of report content from SAP Analytics Cloud (SAC), and then distributes that analytics content out to targeted users and locations.

The solution functions to broadcast personalized analytics to the right people, at the right time, and in the right format.

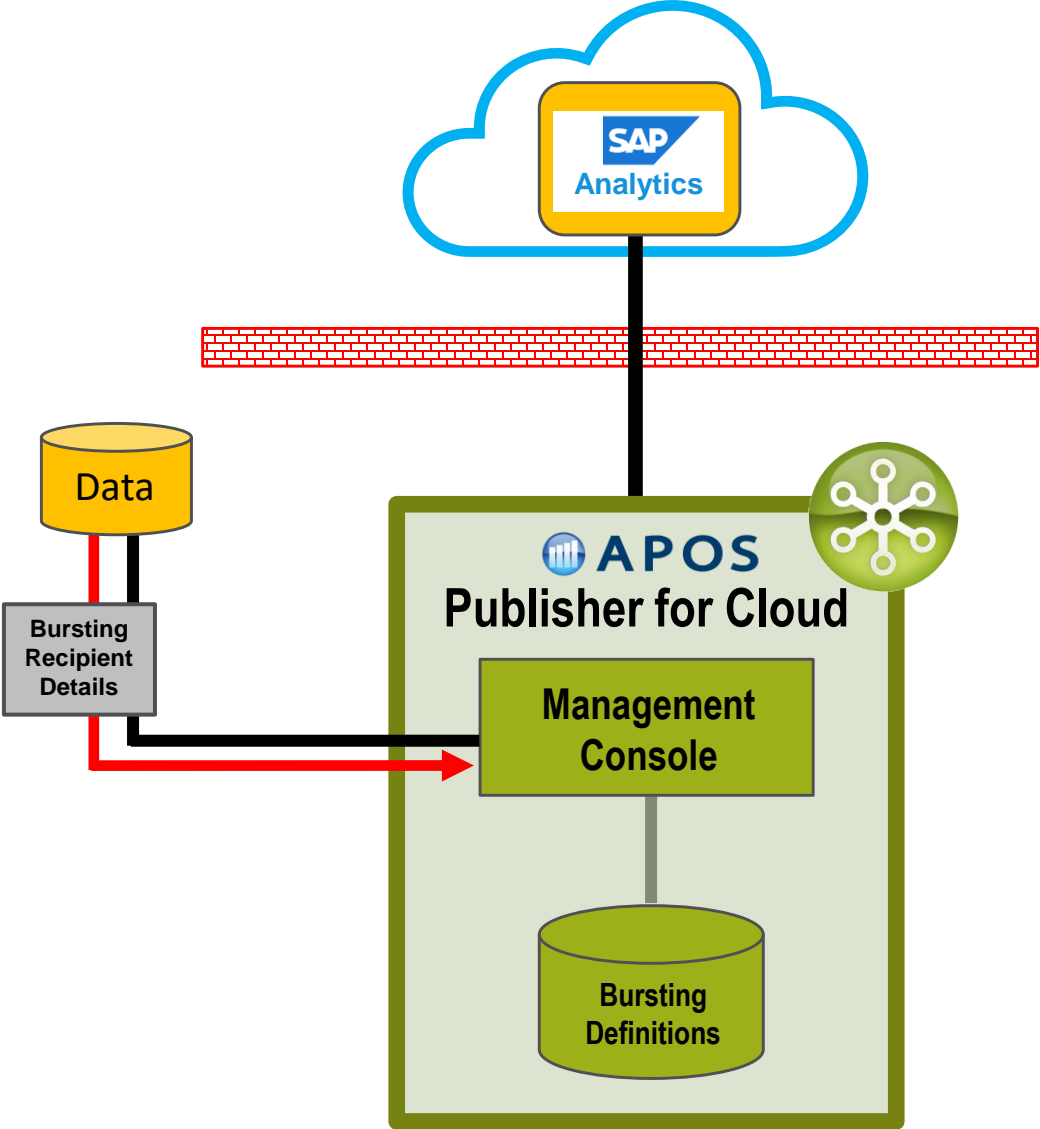
Publisher for Cloud supports both SAC Stories and SAC Applications.



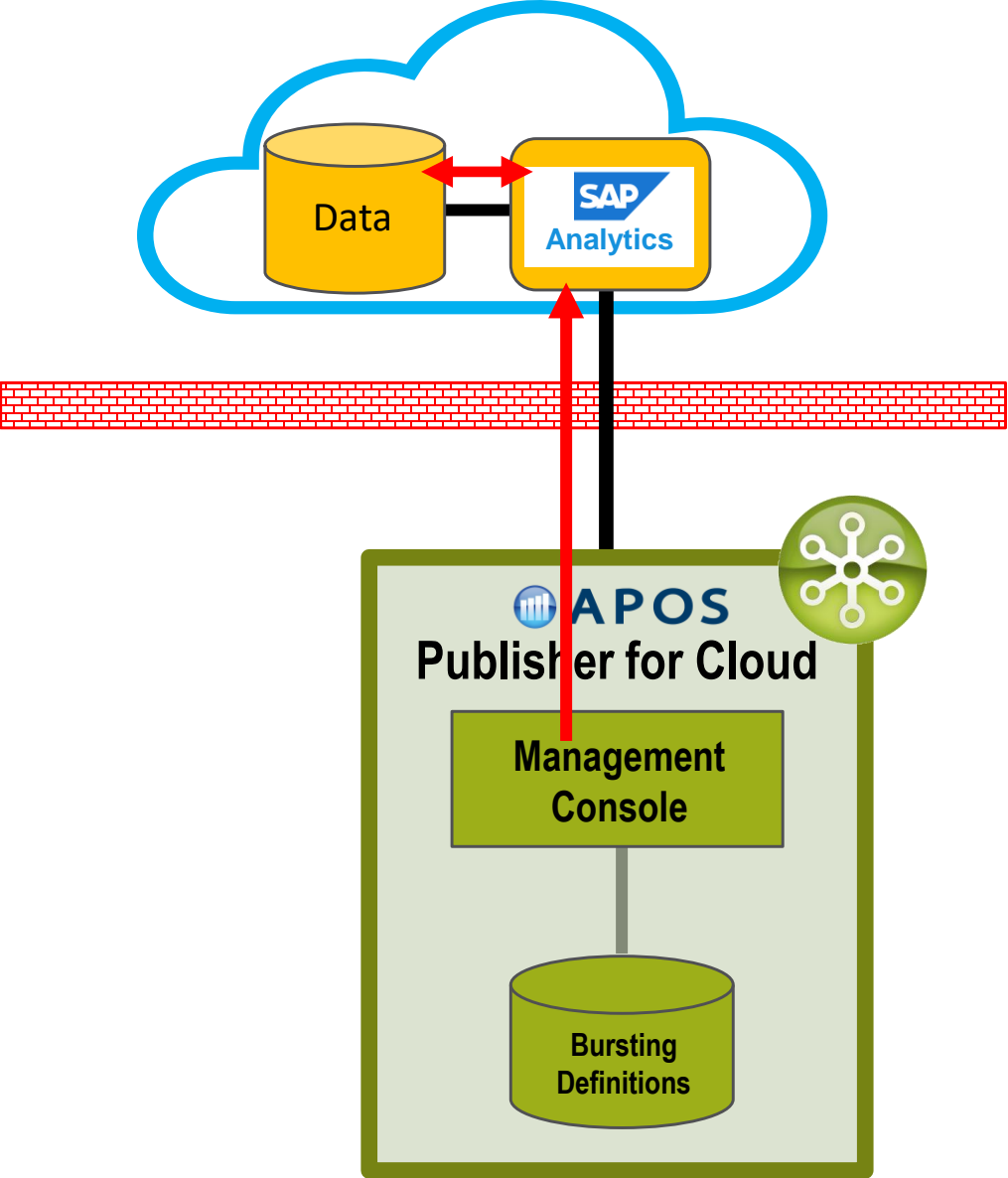
# Publisher for Cloud



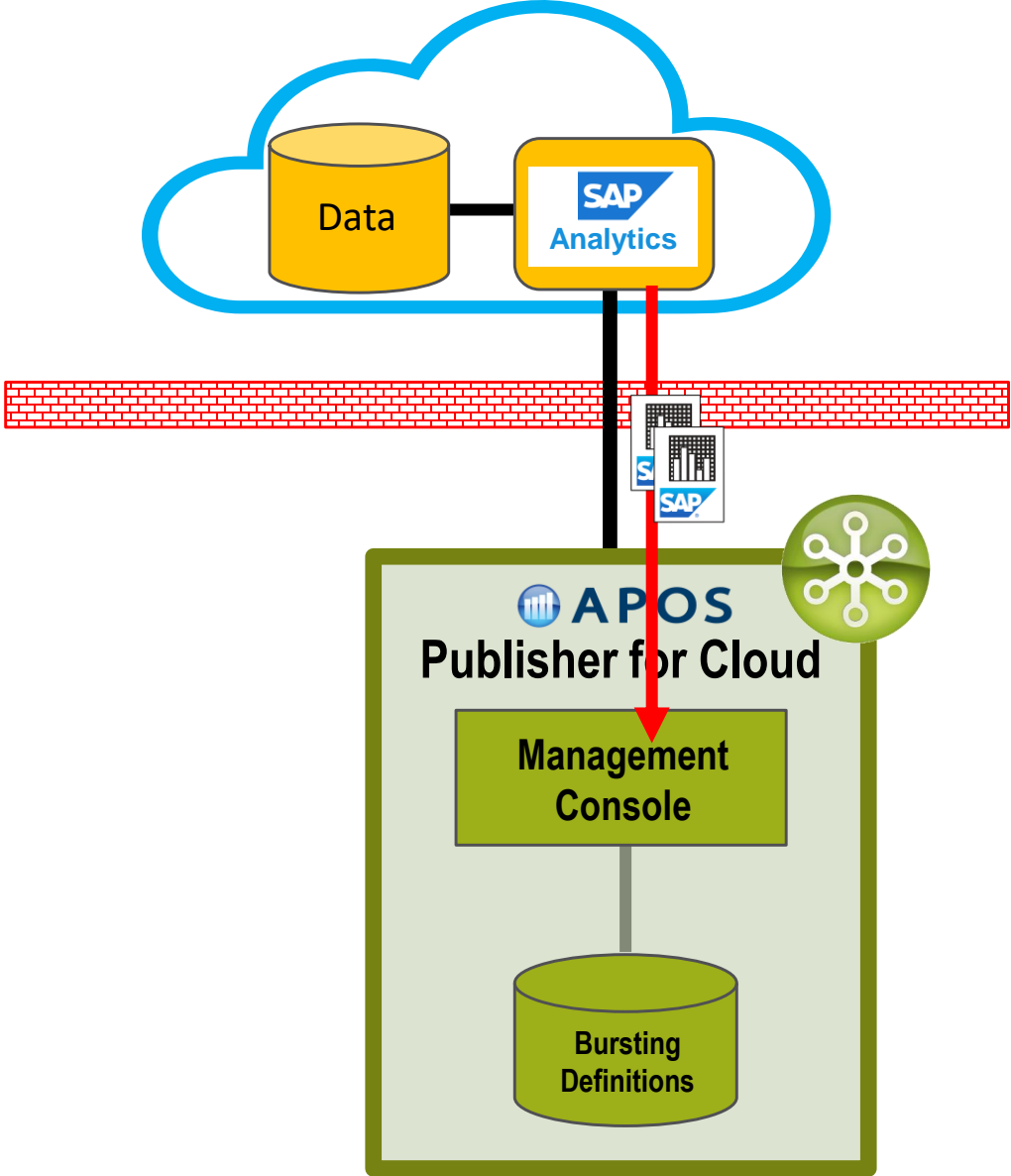
# Publisher for Cloud – Data Driven Process



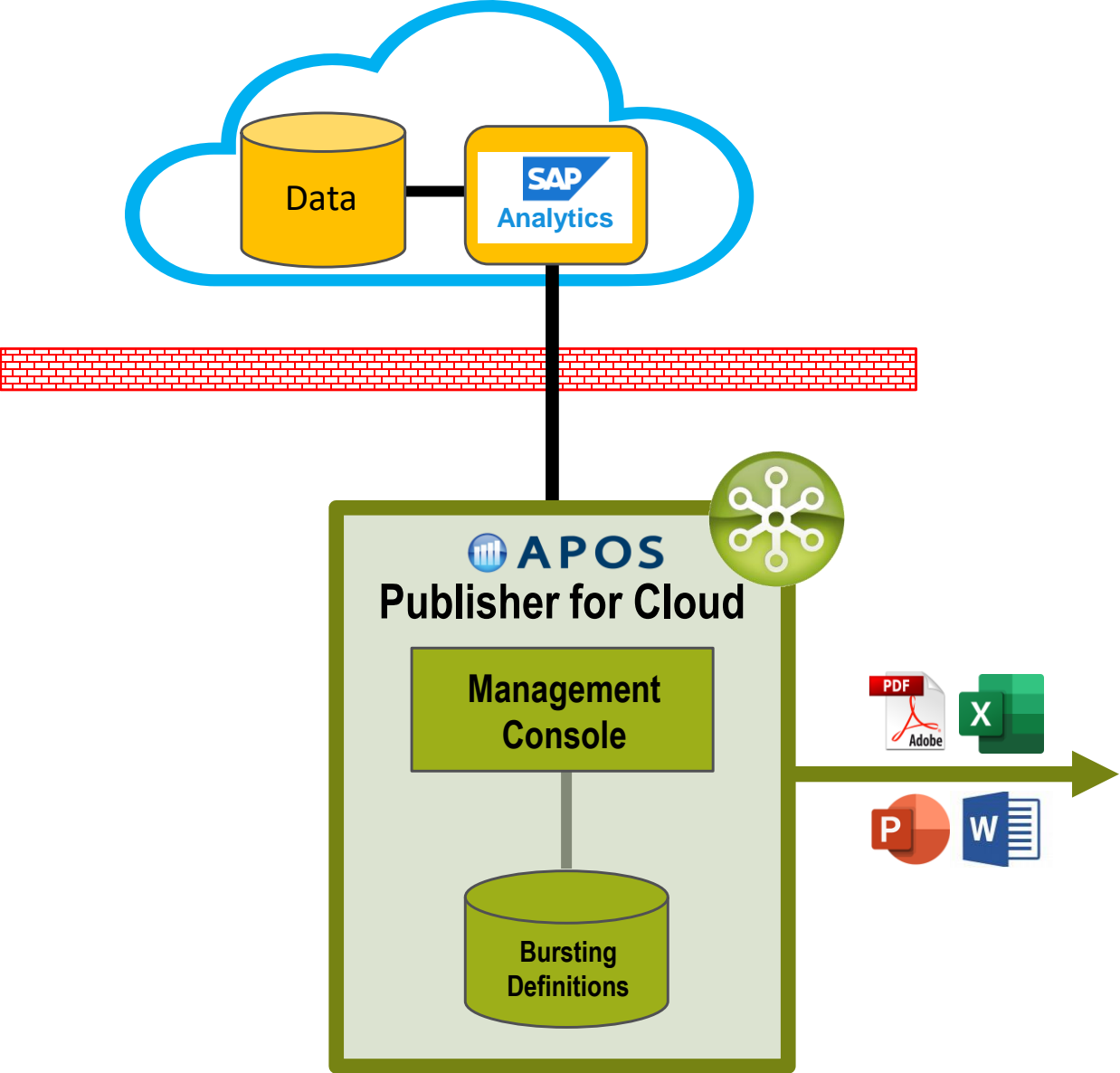
# Publisher for Cloud – Process Execution



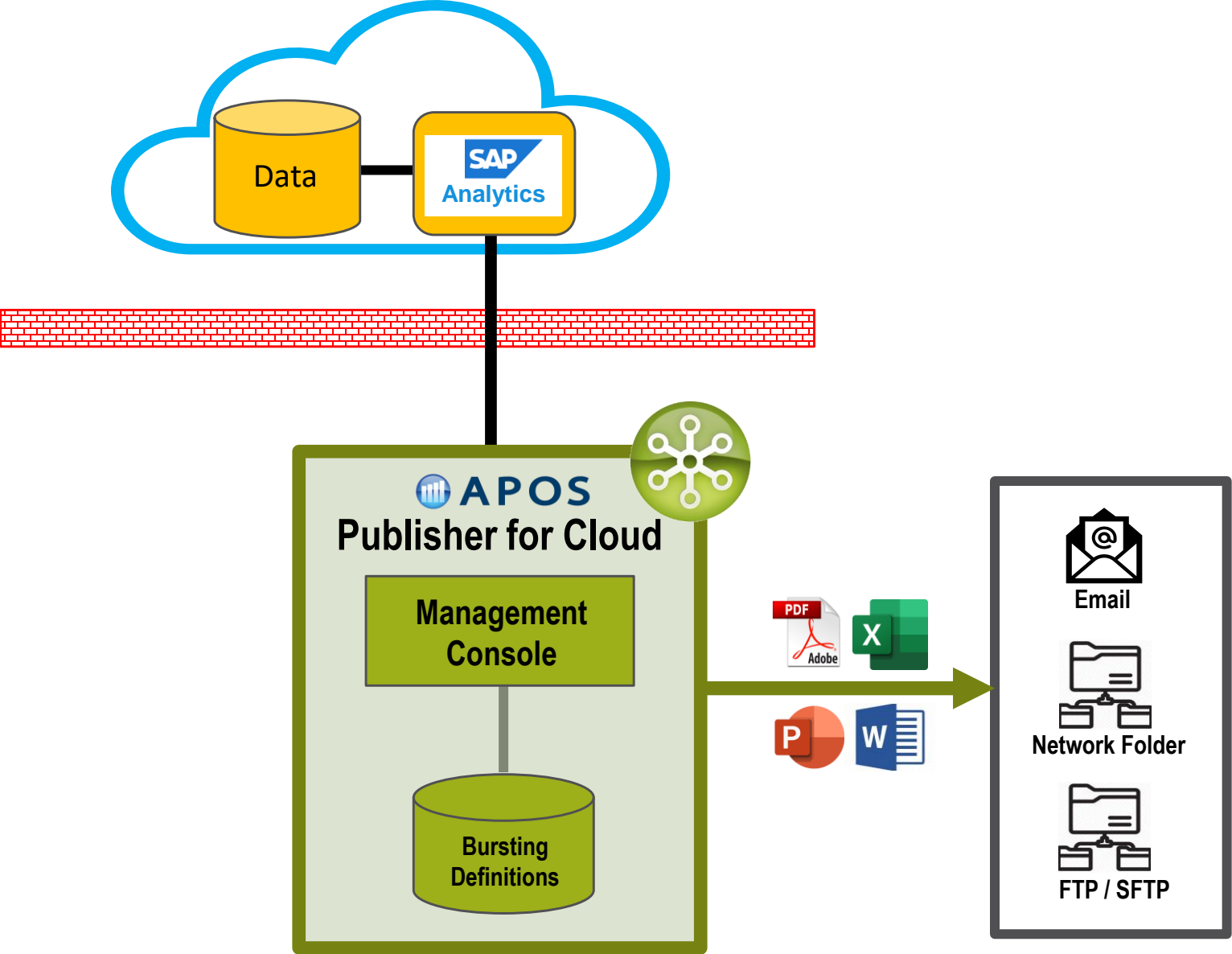
# Publisher for Cloud – Process Execution



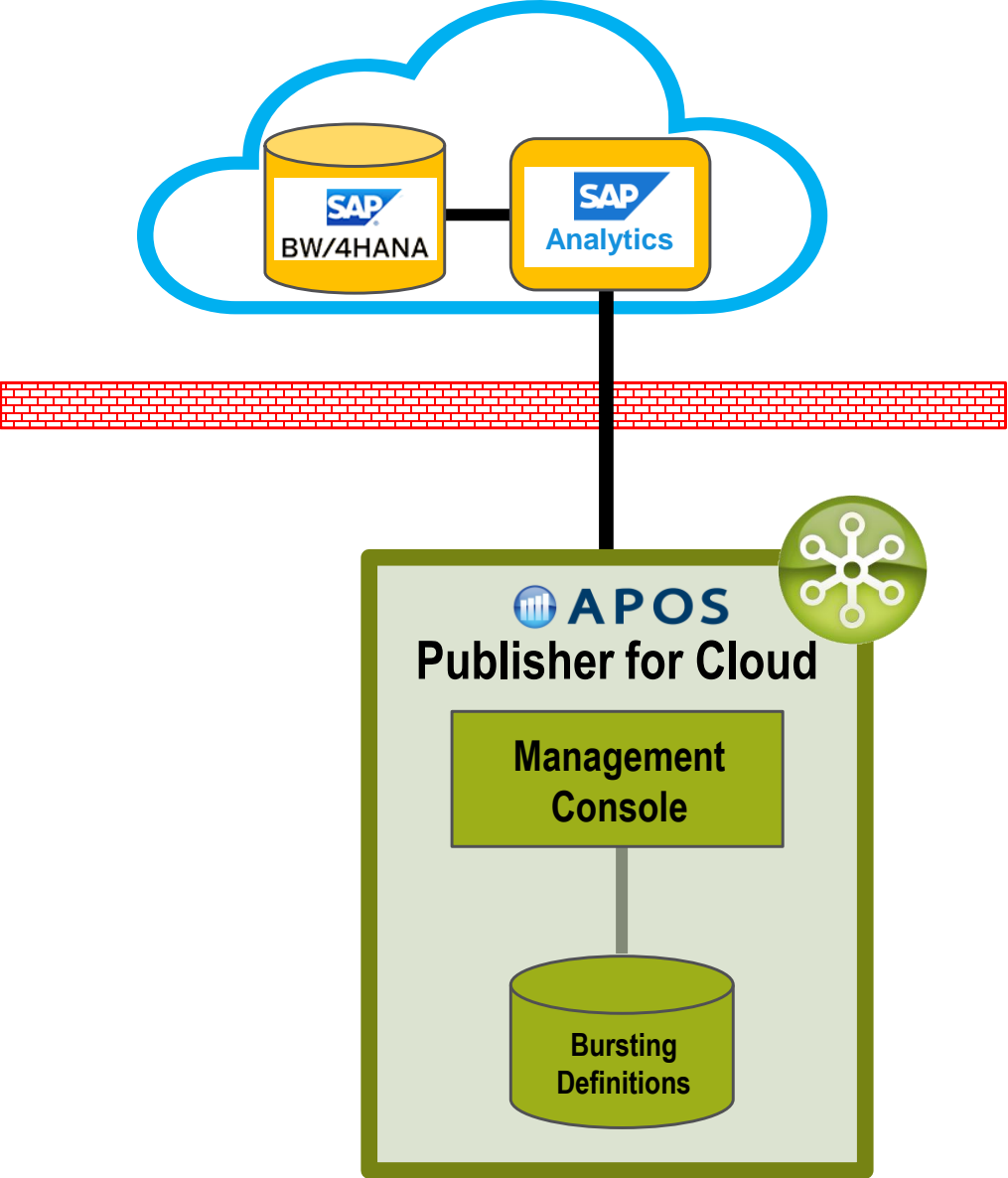
# Publisher for Cloud – Formats



# Publisher for Cloud – Destinations



# Publisher for Cloud – Process Execution with BW

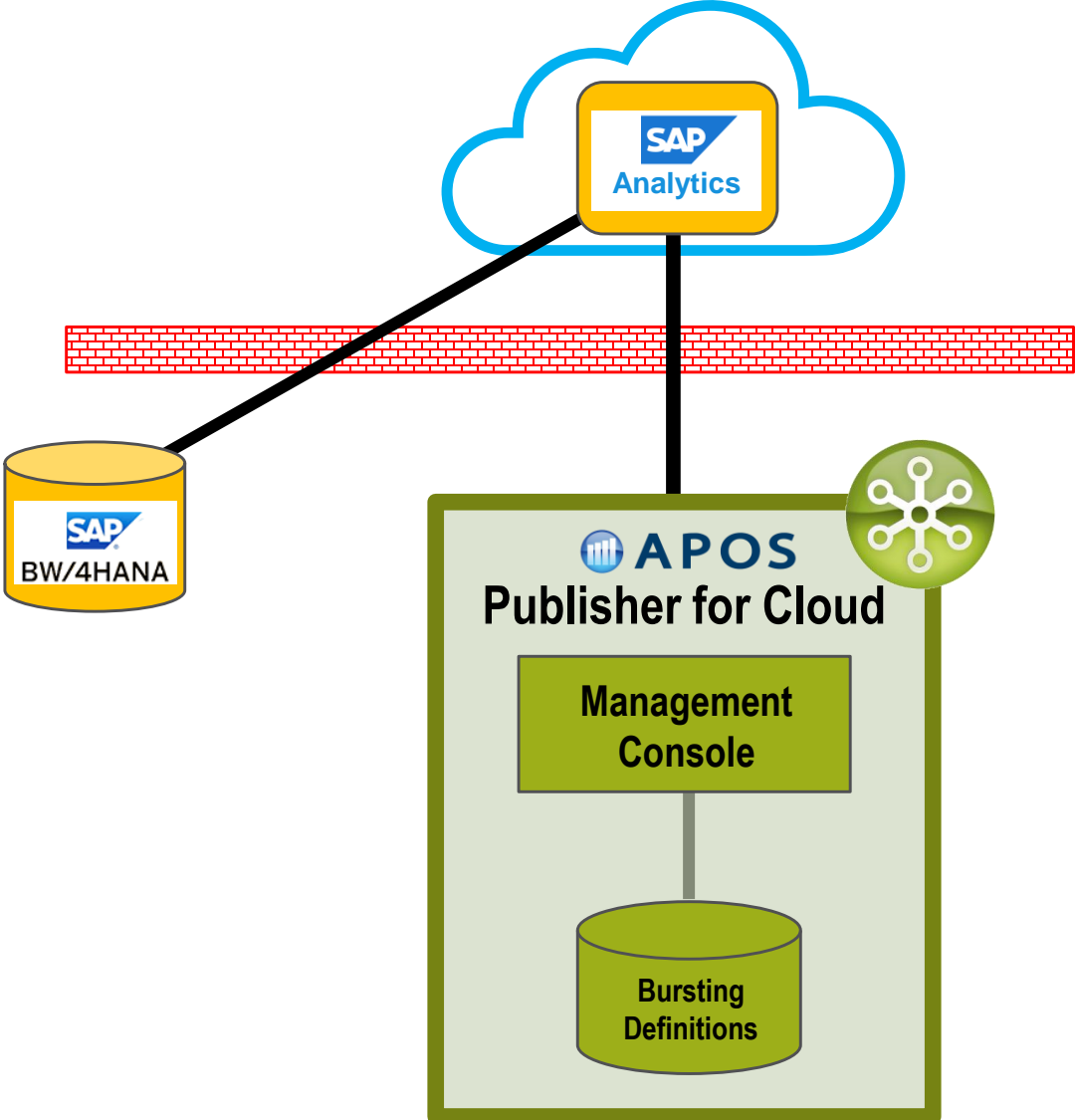




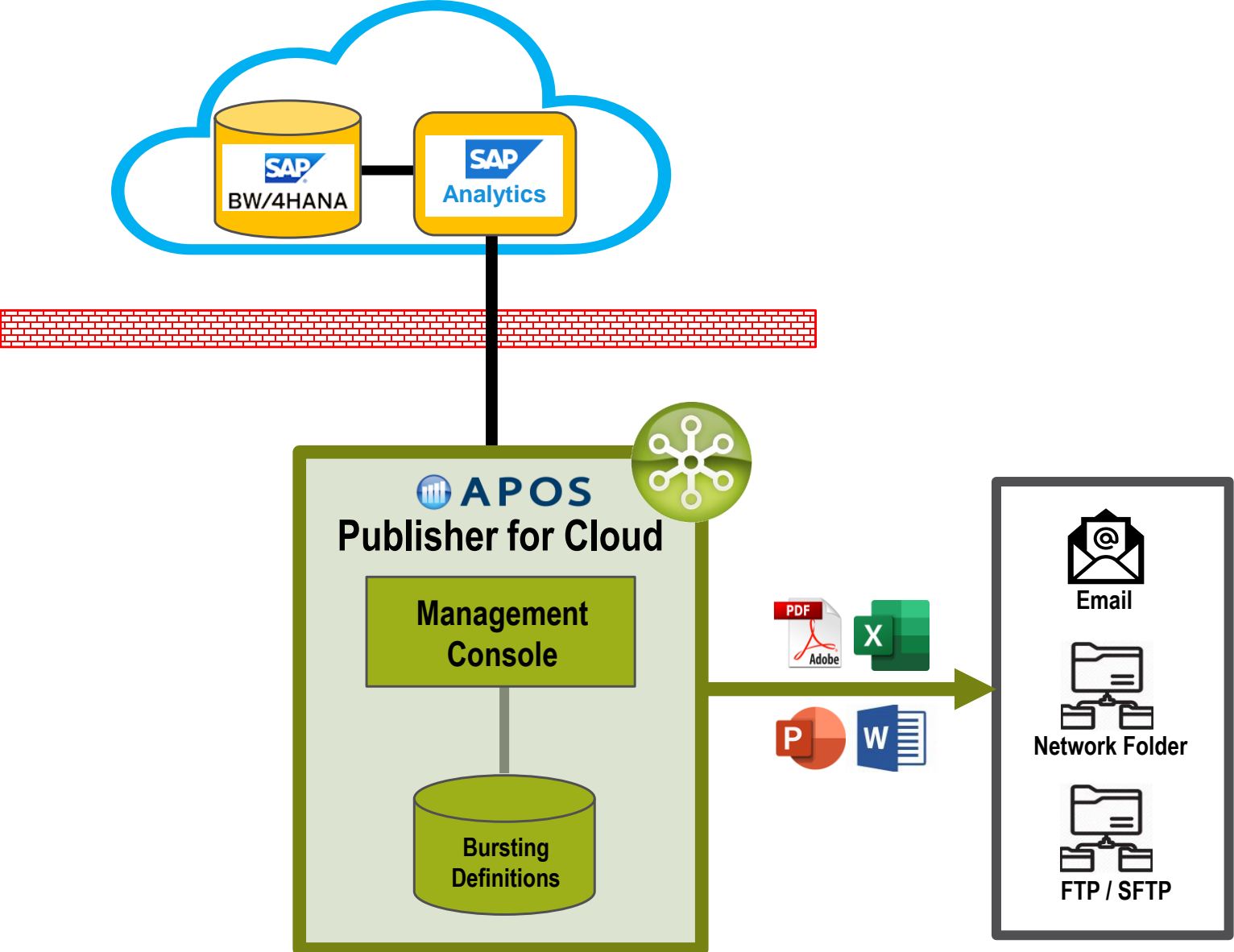
# Publisher for Cloud – Process Execution with BW



(If BW is on-premise)



# Publisher for Cloud – Process Execution with BW



# Broadcasting & Publishing Considerations



Formats

Destinations

Filtering

Scheduling

# Customer Success

**Vonex** – an award-winning Australian telecommunications company, providing internet, telephone, mobile, and infrastructure services to business customers across the country.

- Personalized KPI reports delivered to remote staff for simplified access and consumption
- Scheduled processing and delivery via email to targeted users
- Delivery of tailored performance reports to data-driven and customizable distribution lists



**APOS**  
CUSTOMER SUCCESS STORY

# VONEX

always on

**FOCUS CUSTOMER -  
VONEX**

Vonex is an ASX listed, multi-award-winning telecommunications company keeping thousands of Australian businesses connected through cloud-based PBXs, reliable Internet, and affordable mobile packages.



**CHALLENGE**

Vonex uses SAP Analytics Cloud to discover, visualize and report on company performance indicators, as well as critical sales data. With a large portion of its staff working remotely, even before COVID-19, Vonex needed the ability to send out reports at regular intervals to appropriate team members so that they can be aware of sales and company performance indicators.



**SOLUTION: APOS Publisher for Cloud**



**PERSONALIZED DATA DISTRIBUTION**

Vonex uses APOS Publisher for Cloud to simplify user experience with offline consumption of the filtered



**SET AND FORGET SCHEDULING**

Vonex automates broadcasting of SAC reports with APOS Publisher for Cloud, and



**DATA-DRIVEN PUBLISHING**

Vonex uses APOS Publisher for Cloud's dynamic flexibility to customize specific distribution lists so

# Customer Success



- Global lighting and electronics manufacturer utilizes Publisher for Cloud to generate personalized SAC reports based on BPC and ECC data, which are then distributed to targeted personnel by email distribution
- South American LNG (liquefied natural gas) production and supply company uses Publisher for Cloud to generate individualized SAC reports focused on production and contractor reporting, which are then distributed to key managers by email



# Broadcasting & Publishing



*Demonstration*

# 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.



# BEx Broadcaster – The Challenge



## BW Platform



Version 7.5 and below



## Reporting Solution



Business Explorer (BEx)



## Broadcasting Solution



BEx Broadcaster



# BEx Broadcaster – The Challenge



BW Platform

Reporting Solution

Broadcasting Solution



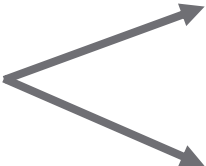
Business Explorer (BEx)



BEx Broadcaster



Analysis for Office



No Solution Available



SAP BusinessObjects

# BEx Broadcaster – The Challenge



BW Platform



Reporting Solution



Business Explorer (BEx)

Broadcasting Solution



BEx Broadcaster

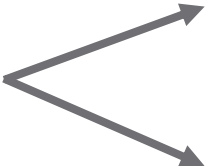


Analysis for Office

No Solution Available



SAP BusinessObjects  
+ APOS Publisher



# BEx Broadcaster – The Challenge



BW Platform



Reporting Solution



Business Explorer (BEx)

Broadcasting Solution



BEx Broadcaster



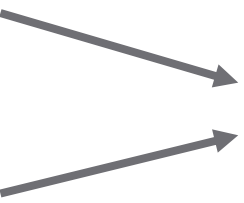
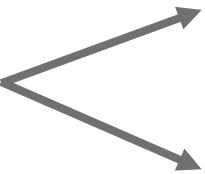
SAC Stories (Reports)



SAC Applications



APOS Publisher for Cloud



# Customer Success

## BEx Broadcaster Workflow Replacement

### Solution Requirements & Criteria

- Volume
- Email from different senders to distribution lists
- Dynamic Formatting
- Live and Acquired Story support
- SSO



# Broadcasting Solution Factors - Volume



## Volume bursting from a single bursting definition

- Dynamically burst to multiple recipients at once
- Recipients can be internal/external users
- Customize and tailor to each individual recipient

The screenshot displays a software interface for configuring an email broadcast. On the left, a configuration window is open with the following fields:

- Destination Type: Email
- Send Output As: Attachment
- File Name Mask: SalesReport\_ %date%.pdf
- To: //DATAFIELD-EmailTo//
- CC: (empty)
- BCC: (empty)
- From: //DATAFIELD-EmailFROM//
- Subject: Sales Report 2020
- Message: <HTML> Message
- Format message as HTML

At the bottom of the configuration window are buttons for Help, Preview, Save As, and Save. On the right, a spreadsheet-like view shows a list of 28 recipients under the heading "EmailTO". The recipients are:

- 1 EmailTO
- 2 hauma@hotmail.com
- 3 seasweb@msn.com
- 4 lpalmer@hotmail.com
- 5 tangsh@yahoo.com
- 6 mfleming@comcast.net
- 7 larry@yahoo.com
- 8 killmenow@msn.com
- 9 jbarta@live.com
- 10 zilla@verizon.net
- 11 amimojo@aol.com
- 12 donev@att.net
- 13 rnelson@outlook.com
- 14 hauma@hotmail.com
- 15 seasweb@msn.com
- 16 lpalmer@hotmail.com
- 17 tangsh@yahoo.com
- 18 mfleming@comcast.net
- 19 larry@yahoo.com
- 20 killmenow@msn.com
- 21 jbarta@live.com
- 22 zilla@verizon.net
- 23 amimojo@aol.com
- 24 donev@att.net
- 25 rnelson@outlook.com
- 26 hauma@hotmail.com
- 27 seasweb@msn.com
- 28 lpalmer@hotmail.com

The spreadsheet interface includes a ribbon with tabs for File, Home, Insert, and Page Layout. The Home tab is active, showing options for font (Calibri, size 11), bold, italic, underline, and text color. A formula bar shows "A16" and a grid of cells is visible below.

# Broadcasting Solution Factors – Email from Different Senders



- Dynamically sent from multiple senders
- Send From or Deliver To
  - Individual Users
  - Email groups

The screenshot shows an email configuration interface. On the left, the 'Destination' section includes fields for 'Destination Type' (Email), 'Send Output As' (Attachment), 'File Name Mask' (SalesReport\_%date%.pdf), 'To' (//DATAFIELD-EmailTo//), 'CC', 'BCC', 'From' (//DATAFIELD-EmailFROM//), 'Subject' (Sales Report 2020), and 'Message' (<HTML> Message). A checkbox for 'Format message as HTML' is checked. On the right, a list of email addresses is displayed, with the first row highlighted in yellow:

	A
1	<b>Email From Address</b>
2	hauma@hotmail.com
3	seasweb@msn.com
4	lpalmer@hotmail.com
5	tangsh@yahoo.com
6	mflaming@comcast.net
7	larry@yahoo.com
8	killmenow@msn.com
9	jbarta@live.com
10	zilla@verizon.net
11	amimojo@aol.com
12	donev@att.net
13	rnelson@outlook.com
14	hauma@hotmail.com
15	seasweb@msn.com

# Broadcasting Solution Factors – Dynamic Formatting



- Dynamically format output file based on number of rows exported
- Use customized templates to suit your formatting needs

2020 YTD Qty	2020 YTD \$	2020 YTD vs PY Qty	2020 YTD vs PY \$	2020 YTD vs PY-2 \$	2020 YTD - PY \$	2019 YTD Qty	2019 YTD \$	2019 Qty	2019 \$	2018 YTD Qty	2018 YTD \$
	\$88,357,572	100 %	100 %	106 %	\$0		\$83,184,580		\$88,357,572		\$73,576,458
	\$657,262	47 %	100 %	125 %	\$0		\$526,577		\$657,262		\$830,413
2 GAL	\$1,088	100 %	100 %	26 %	\$0	6 GAL	\$4,070	2 GAL	\$1,088	9 GAL	\$6,048
50 GAL	\$37,794	100 %	100 %	219 %	\$0	25 GAL	\$17,278	50 GAL	\$37,794	20 GAL	\$14,250
						20 LB	\$1,642				
-10 LB	\$-584	-100 %	-100 %	0 %	\$0			-10 LB	\$-584	0 LB	\$0
1,440 LB	\$52,818	100 %	100 %	146 %	\$0	1,656 LB	\$36,132	1,440 LB	\$52,818	1,704 LB	\$40,896
3,280 LB	\$198,500	100 %	100 %	282 %	\$0	1,320 LB	\$70,466	3,280 LB	\$198,500	3,490 LB	\$201,897
						18 LB	\$2,985			17 LB	\$2,709
-4 GAL	\$-525	-100 %	-100 %	-51 %	\$0	8 GAL	\$1,029	-4 GAL	\$-525	56 GAL	\$4,474
46 GAL	\$53,221	100 %	100 %	64 %	\$0	72 GAL	\$82,852	46 GAL	\$53,221	79 GAL	\$90,907
410 GAL	\$127,801	100 %	100 %	130 %	\$0	323 GAL	\$98,556	410 GAL	\$127,801	365 GAL	\$96,995
65 GAL	\$7,303	100 %	100 %	49 %	\$0	135 GAL	\$14,872	65 GAL	\$7,303		
						45 GAL	\$12,016			250 GAL	\$66,758
						5 GAL	\$134			5 GAL	\$132
95 GAL	\$14,073	100 %	100 %	158 %	\$0	60 GAL	\$8,888	95 GAL	\$14,073	70 GAL	\$9,876
10 GAL	\$409	100 %	100 %	53 %	\$0	20 GAL	\$779	10 GAL	\$409	35 GAL	\$1,336
265 GAL	\$93,089	100 %	100 %	235 %	\$0	115 GAL	\$39,605	265 GAL	\$93,089	160 GAL	\$50,093
181 GAL	\$36,265	100 %	100 %	171 %	\$0	96 GAL	\$21,200	181 GAL	\$36,265	264 GAL	\$50,696
-1,080 LB	\$-4,190	-100 %	-100 %	-6 %	\$0	19,200 LB	\$72,384	-1,080 LB	\$-4,190	10,710 LB	\$39,627
										80 GAL	\$12,640
240 GAL	\$39,845	100 %	100 %	154 %	\$0	164 GAL	\$25,930	240 GAL	\$39,845	630 GAL	\$98,620
-18 GAL	\$-3,675	-100 %	-100 %	-87 %	\$0	10 GAL	\$4,202	-18 GAL	\$-3,675		
20 GAL	\$3,899	100 %	100 %	52 %	\$0	32 GAL	\$7,561	20 GAL	\$3,899	36 GAL	\$8,381
24 GAL	\$6,963	100 %	100 %	41,843 %	\$0	0 GAL	\$-17	24 GAL	\$6,963	8 GAL	\$2,220
-40 GAL	\$-6,612	-100 %	-100 %	-165 %	\$0	25 GAL	\$4,012	-40 GAL	\$-6,612	203 GAL	\$31,859
						37 GAL	\$11,119				\$31,968
										5 GAL	\$572
										260 LB	\$20,722
						2 GAL	\$1,726				
						5 GAL	\$741				
						30 GAL	\$8,652				
										240 LB	\$889

# Broadcasting Solution Factors – Import & Live Support



- Burst either Live or Import based Stories
- Burst SAC Stories or Applications

Close-up of the 'Type' dropdown menu. The dropdown is open, showing 'Story' as the selected option, with 'Story' and 'Application' as other visible options. The text '/fpa/ui/' is visible in the input field above the dropdown.

Screenshot of the 'Logon' configuration window. The window has tabs for 'Excel/PDF', 'PowerPoint', 'Filters', 'Variables', 'Failure Recovery', and 'Logon'. The 'Logon' tab is active. The configuration is divided into sections: 'Source Document', 'Login Credentials', and 'Data Auth Type'. Each field has a '+' button to its right.

Section	Field	Value
Source Document	SAC URL:	https://apos.us10.hanacloudservices.cloud.sap/sap/fpa/ui/
	Document ID:	7AF9515BBECBC10BE10000000A6C99B4
	Type:	Story
Login Credentials	Authentication:	SAP Analytics Cloud
	Username:	agolding@apos.com
	Password:	*****
Data Auth Type	Data Auth Type:	SSO with Auth Selection
	Auth Selection:	SAP NetWeaver
	Data Username:	BWuser
	Data Password:	



# Broadcasting Solution Factors – SSO



Supports multiple SSO options

- Azure AD
- OKTA
- SAP NetWeaver
- Windows AD
- SAC SAML
- Browser Authentication
  
- SSO login for both
  - Login to SAC
  - Login to data source

The screenshot shows a software interface with a 'Logon' tab selected. The 'Source Document' section includes fields for 'SAC URL' (https://apos.us10.hanacloudservices.cloud.sap/sap/fpa/ui/), 'Document ID' (7AF9515BBECBC10BE10000000A6C99B4), and 'Type' (Story). The 'Login Credentials' section is highlighted in yellow and includes 'Authentication' (SAP Analytics Cloud), 'Username' (agolding@apos.com), and 'Password' (masked with asterisks). Below this, the 'Data Auth Type' is set to 'SSO with Auth Selection', with 'Auth Selection' set to 'SAP NetWeaver', 'Data Username' set to 'BWuser', and 'Data Password' left empty. Each field has a '+' button to its right.

# Broadcasting Solution Factors



## Additional Considerations

- Live Preview
- Target specific widget
- Conditional Burst

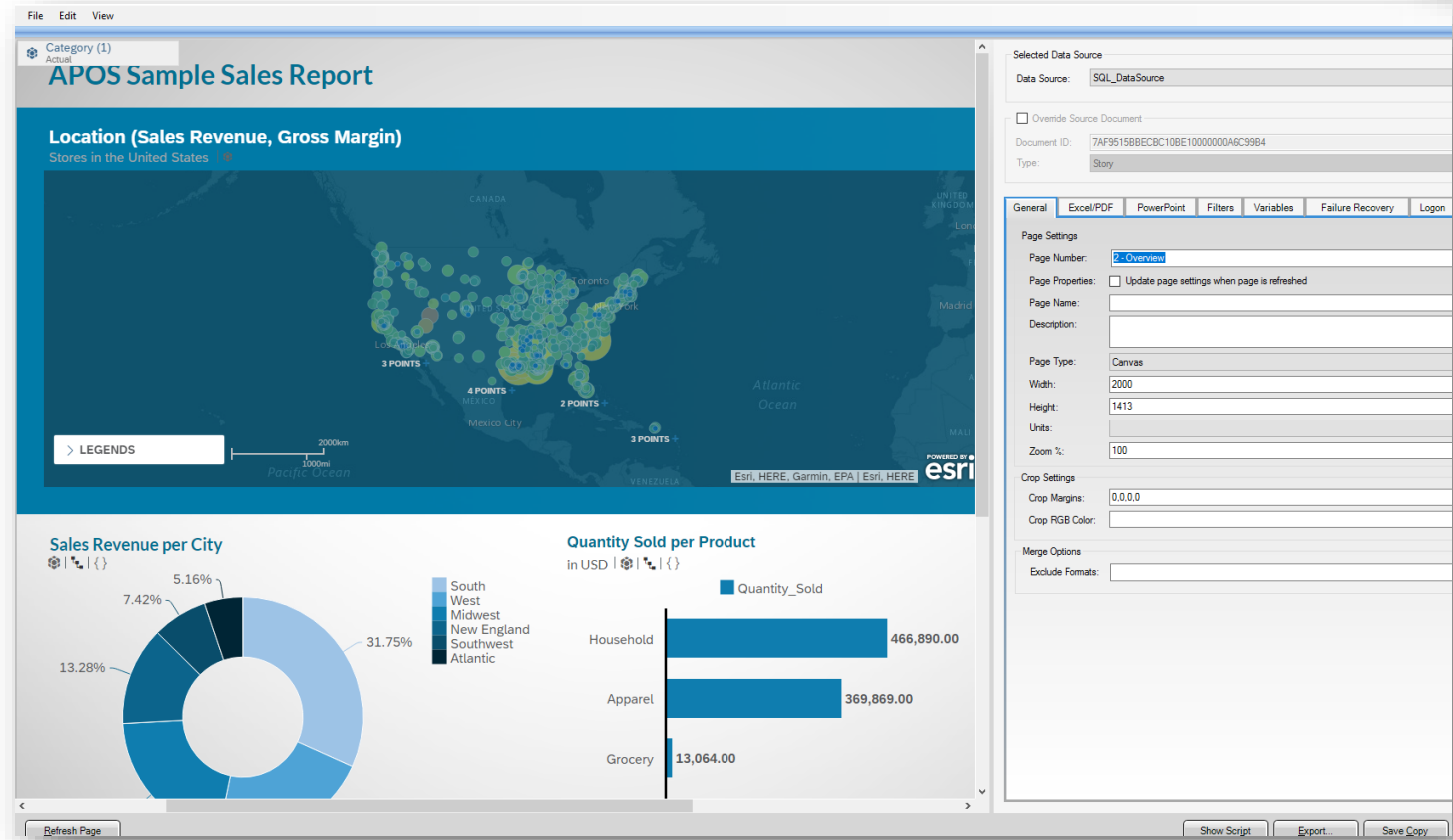


# Broadcasting Solution Factors



## Additional Considerations

- Live Preview
- Target specific widget
- Conditional Burst

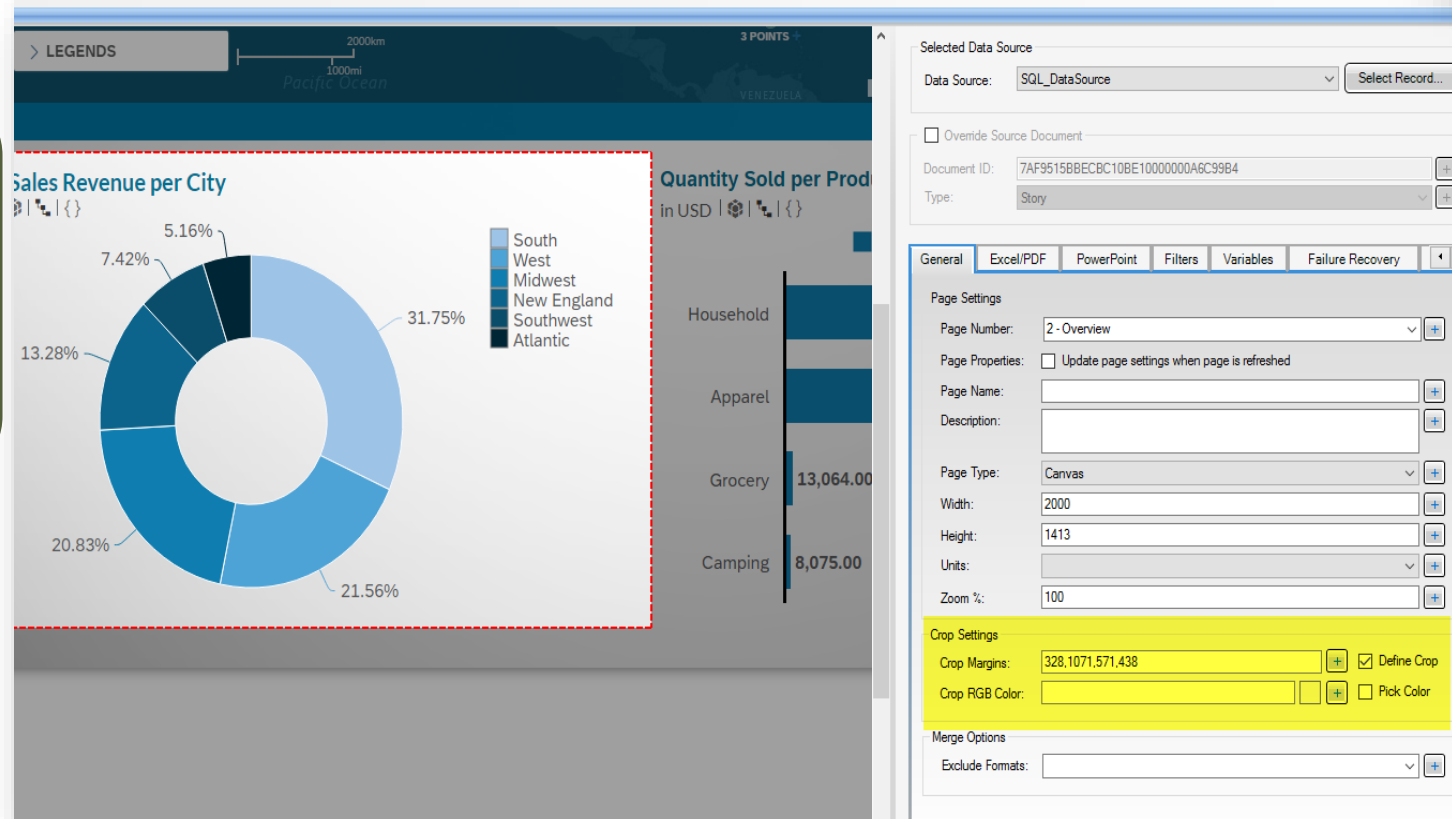


# Broadcasting Solution Factors



## Additional Considerations

- Live Preview
- Target specific widget
- Conditional Burst



# Broadcasting Solution Factors



## Additional Considerations

- Live Preview
- Target specific widget
- Conditional Burst

APDS Insight Admin - DB Monitor Alert Setup

### Alert Settings

Alert Name: SAC\_Story\_Monitoring\_GrossMargin

Database Profile:

Select SQL: `SELECT * FROM Sales_Table WHERE Sales_GrossMarginPercent >= 30.00`

Alert Type Settings | Notification Settings

### Notifications

Use Windows EventLog

Use SMTP Notification

SMTP Profile:

Include the following number of records in the email message

Use SNMP Notification

SNMP Profile:

Include the following number of records in the snmp message

### Action

Exec Script Profile:

# Broadcasting Solution Factors



## Additional Considerations

- Live Preview
- Target specific widget
- Conditional Burst
  
- Password Protected
- Printing
- Bursting on Demand
- Dynamic File Naming
  
- Ease of configuration and maintenance



# Broadcasting Solution Factors



## Ease of Configuration and Maintenance

*“The seamless integration of this product with SAP Analytics Cloud has made it very simple to use, and our sales team members now receive regular reports of their metrics and KPIs without anybody having to lift a finger. An excellent ‘set and forget’ solution that requires almost no maintenance.”*

**Nathan Thomas**

**Project Manager/Business Analyst, Vonex**

APOS Publisher for Cloud is a low maintenance, automated data driven process can meet rapidly changing information process needs without burdening users or IT resources.



# APOS PUBLISHER FOR CLOUD

*Getting personalized analytics to the right people,  
at the right time, in the right format*



**Personalized Data**



**Targeted Distribution**



**Strategic Timing**



**Tailored Format**



**Dynamic Flexibility**



**Reduced IT Burden**



# 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



# APOS Solutions for SAP BusinessObjects



## APOS Insight

### BI System Auditing

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

### BI Report Testing

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

### BI System Monitoring

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

### 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

### Schedule Management

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

### Instance Management

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

### 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



# Upcoming Events



## Usage Analysis for SAP BusinessObjects - Flashes of Insight *Webinar*

October 28, 2021 – 11 am EDT

Understanding system usage is key to BI system planning as well as day-to-day operational prioritization. APOS Insight establishes a deep and rich BI system metadata repository that allows you to analyze user activity, information consumption patterns, and license and session activity.

We will discuss:

- Report usage
- User activity/License usage
- Hardware/Server utilization

**APOS Insight** is a comprehensive solution that gives you the knowledge you need for effective and efficient SAP BI system management, including detailed system metadata for thorough system auditing, system monitoring, query surveillance, and BI report testing. It provides the means to maintain the integrity, efficiency and security of your SAP BusinessObjects environment and infrastructure.

...and much more.



Register at [www.apos.com](http://www.apos.com)

# STAY CONNECTED



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APOS Systems Inc.



TWITTER

@APOS\_Systems

Interested in learning more about SAP Analytics Cloud and Sharing your experience?

**JOIN THE SAP ANALYTICS CLOUD GROUP TODAY!**



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**

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