Webinar

Expanded Bursting & Broadcasting for SAP Analytics Cloud Reports







Today's Session

Key Topics

Expanded Bursting & Broadcasting for SAC

- SAC Information Recipient Roles
- Enterprise Level Broadcasting
- Efficiency & Expanded Value Considerations
- Replace BEx Broadcaster Workflows
- 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









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

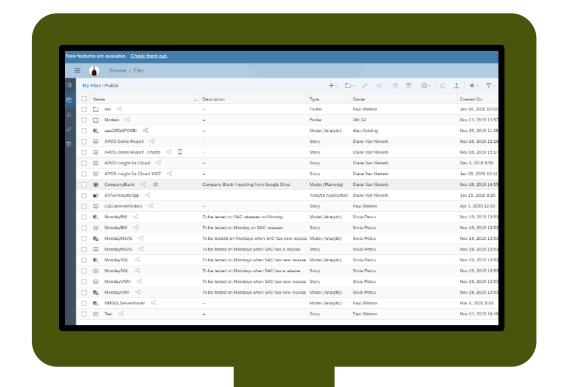


Tell us how we did in the survey

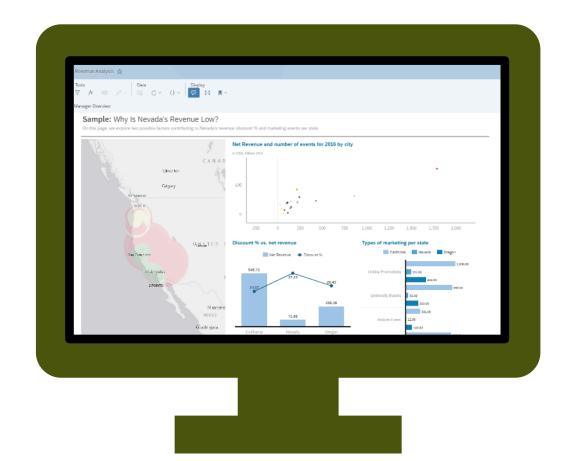






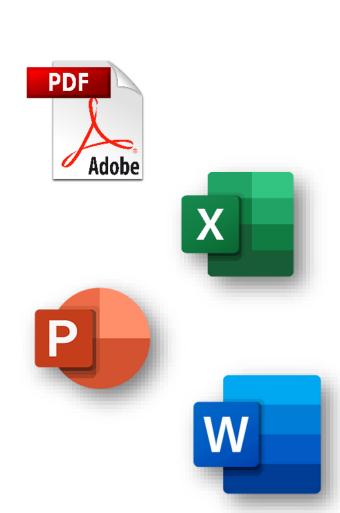












Information Recipients - Executives











Information Recipients - Sales Team

















Information Recipients – Finance Team

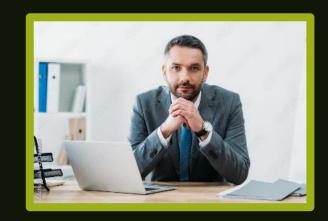












Information Recipients – Store Managers











Information Recipients – Worksite Supervisors













Information Recipients – Shipping / Receiving











Information Recipients - Suppliers











Information Recipients – Customers











Success Story: Customer Analytics

NLMK Europe – European based steel producer (Belgium, Denmark, France, Italy) focused on steel production for the automotive, shipbuilding, construction and energy production industries.

- Sales operations needed view of ready-to-ship product to be provided to customers on a regular basis
- Key information for managing customer expectations and addressing effective shipping arrangements
- Provision of both PDF and spreadsheet format, enabling customers to continue analysis and internal communications with data from the spreadsheet

MAPOS

CUSTOMER SUCCESS STORY



FOCUS CUSTOMER - NLMK EUROPE

NLMK Europe is a steel producer that employs almost 2,000 people at production facilities in Belgium, Denmark, France and Italy with an annual production capacity of 3.1 million tonnes of value-added steel products per year. They focus on processing steel close to customers in the automotive, shipbuilding, construction and energy-production industries.



CHALLENG

NLMK started working with SAP Analytics Cloud (SAC) and the SAP Business Technology Platform (BTP) in 2018. With growth in demand for reporting by internal users, NLMK needed to establish a publishing strategy with SAP Analytics Cloud. Specifically, their sales back-office needed a view of ready-to-ship product information to broadcast to individual customers in a timely manner and in preferred formats, to provide their customers with an overview of product to expect and to confirm shipping arrangements. They had been using static lists generated by their manufacturing system as PDF files, but their customers had expressed a preference for Excel spreadsheets that would allow them to work with the provided information and prepare them for presentations.

NLMK Europe - "Push" Publishing with APOS Publisher for Cloud



"Push" Publishin

With widely distributed management and facilities, NLMK needs to broadcast information to consumers who cannot log in to SAP Analytics Cloud, or who do not log in on a regular basis. APOS Publisher for Cloud allows them to do this in a scheduled and timely manner.



Format Contro

To meet the preferences of their customers, NLMK wants to provide information to them in their preferred formats, initially as Excel spreadsheets, but possibly expanding to other format types such as PowerPoint.



High-Volume Email Burstin

With approximately 160 reports that need to be burst in a timely manner, NLMK needs a publishing solution that can manage that volume and scale to higher volume over time.



nformation Contro

NLMK uses APOS Publisher for Cloud's automated, data-driven publishing capabilities to ensure each information consumer receives only the information to which they are entitled.



Information Accountabil

By allowing NLMK to make critical information directly and easily available for their information consumers through push publishing, APOS Publisher for Cloud encourages those information consumers to be accountable and responsible for that information.

SOLUTION

When NLMK searched for a solution, APOS Publisher for Cloud was the clear solution to meet all the required functionality:

Targeted Distribution

Dynamic, data-driven process provides customized analytics exclusively to the people who need it, when they need it.

Stratonic Tir



Why Push Content?



Why Push Content to Information Consumers?

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



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.









Alan Golding
Solution Consulting Manager
APOS



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



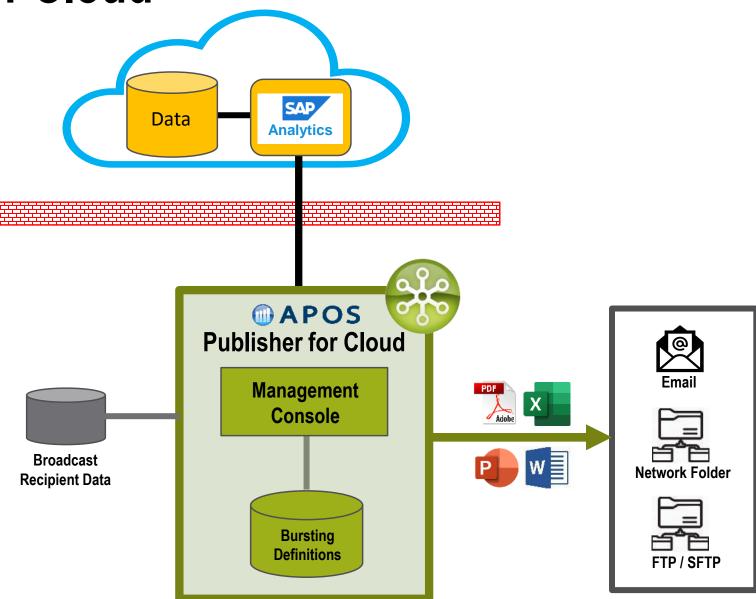
Dynamic Flexibility



Reduced IT Burden



Publisher for Cloud





Enterprise Level Bursting/Broadcasting



Dynamic Rules

Filter/Variables

Formats

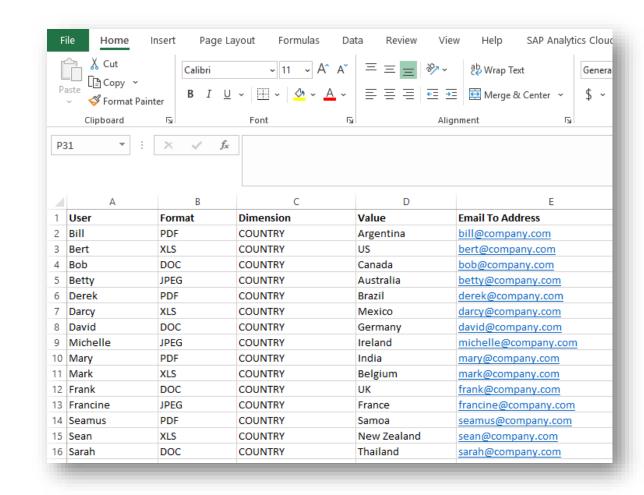
Destinations

Conditional Bursting

Enterprise Level Bursting – Dynamic Rules



- Dynamically drive your bursting definition rules using a datasource
- Datasource can be anything we can connect to with ODBC/OLEDB
- Scale up your volume with minimal effort





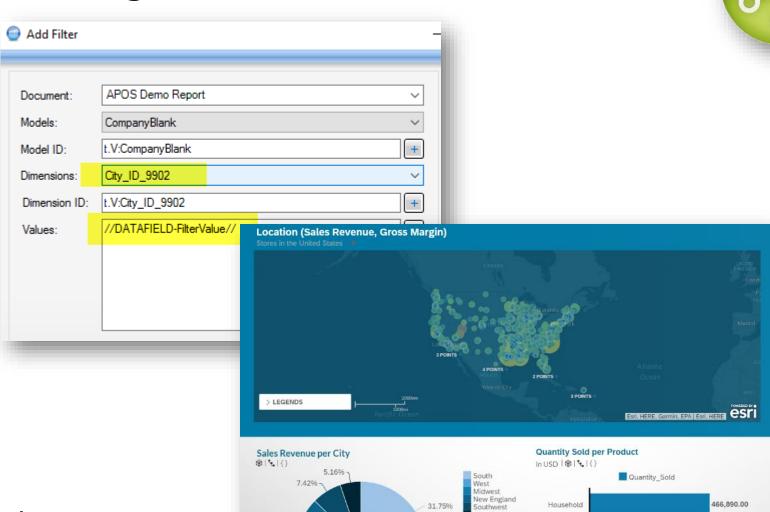
369,869.00

Apparel

Grocery 13,064.00

Camping 8,075.00

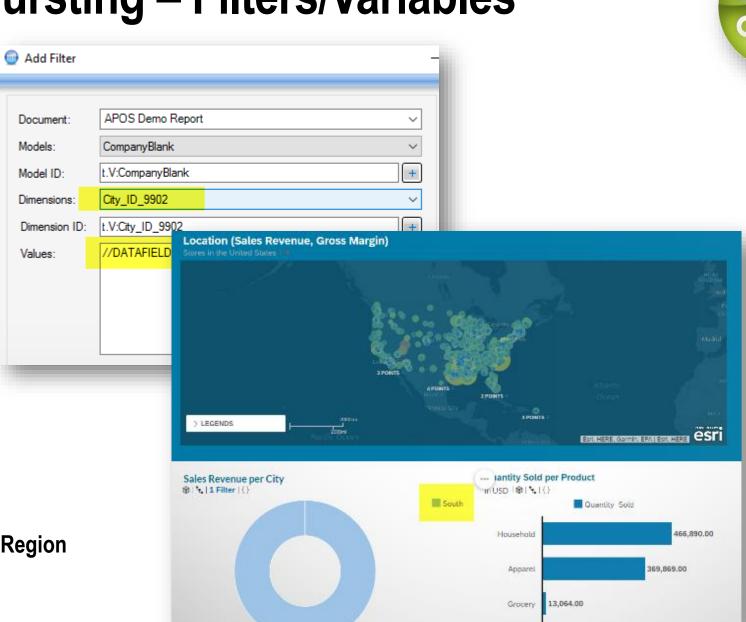
- Dynamically add filter and variable values
- Create multiple versions of the same story with ease



13.28% -

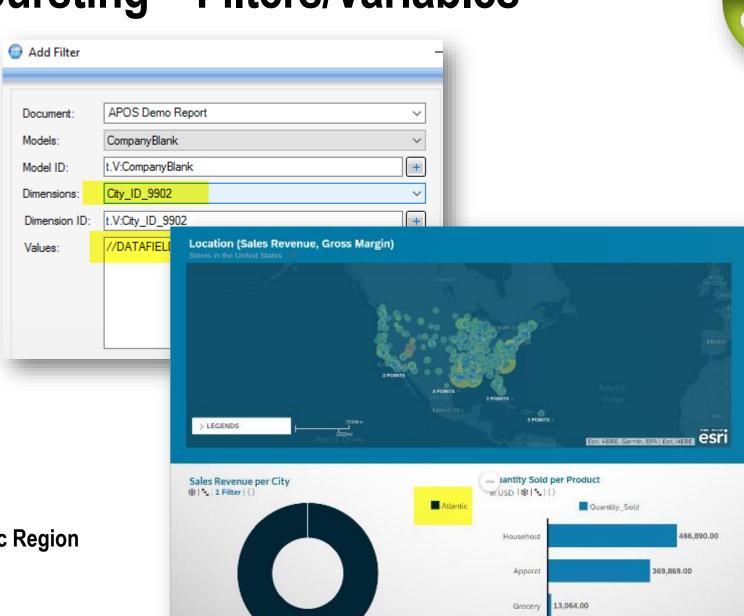
All Regions

- Dynamically add filter and variable values
- Create multiple versions of the same story with ease



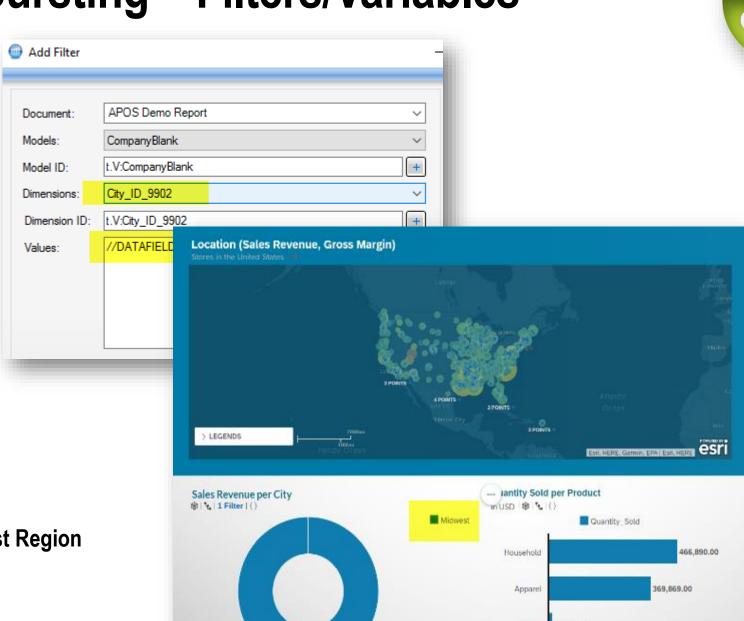
South Region

- Dynamically add filter and variable values
- Create multiple versions of the same story with ease



Atlantic Region

- Dynamically add filter and variable values
- Create multiple versions of the same story with ease



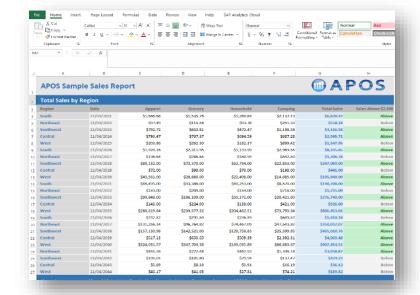
Midwest Region

Enterprise Level Bursting – Formats

PDF

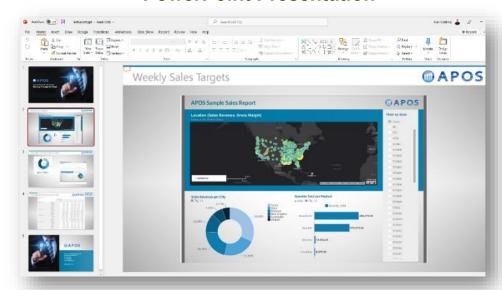
- Formats Available
 - PDF
 - Excel with Data
 - Powerpoint
 - MS Word
 - JPEG
 - TIFF
 - GIF

Excel with Raw Data





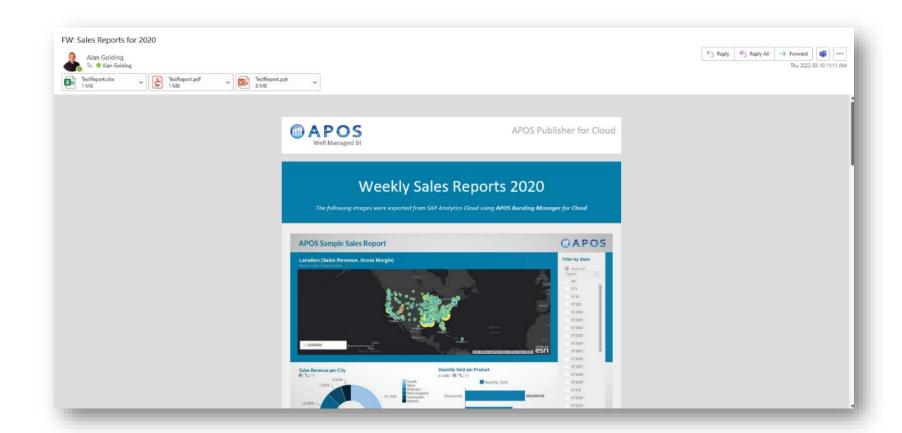
PowerPoint Presentation





Enterprise Level Bursting – Destinations

- Destinations Available
 - Email
 - Network File Share
 - FTP/FTPS



Enterprise Level Bursting – Conditional Bursting



- Monitor SAC Story KPI Thresholds
 - Automatically trigger the bursting process
 - Send out Email alert notifications



	S	
Alert Name:	SAC_Story_Monitoring_GrossMargin	
atabase Profile:		
Select SQL:	SELECT * FROM Sales_Table WHERE Sales_GrossMarginPercent >= 30.00	Te
Alert Type Set		
	indows EventLog	
100000000000000000000000000000000000000	Profile: < Default Profile >	-
SMILL	Include the following number of records in the email message 5	
SMILL		
	IMP Notification	
▽ Use SN	IMP Notification Profile: < Default Profile >	•
▽ Use SN		▼

Customer Success

Hunt LNG - South American 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

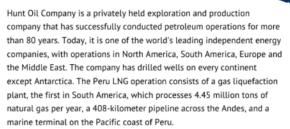
- Weekly reports to supervisors identify workplace safety incidents requiring corrective action.
- Weekly KPI reports to managers which flags key pipeline information that requires their attention.
- Weekly reports to managers providing vacation time and requests to support proper management of requests and adequate staffing coverage.



CUSTOMER SUCCESS STORY



FOCUS CUSTOMER -HUNT OIL COMPANY - PERU LNG



CHALLENGE

Hunt uses SAP Analytics Cloud to dashboard their KPIs and analyze operational, resource, and quality data. Real-time reporting is essential to ensure efficient and safe production and transportation of the liquified natural gas (LNG) product. They needed a publishing solution to push management information out on a scheduled basis to both SAC and non-SAC users, in the office and in the field, as well as to provide automation to ensure that immediate attention is given to critical operational data and events.

To meet these needs, a member of their SAP account team pointed them to APOS.



QA, Health & Safety, Environmental Reporting

Hunt sends weekly reports to managers and supervisors identifying reported incidents which require corrective actions to ensure the safety of its employees.



ipeline Reporting

Hunt sends a weekly KPI report to managers and supervisors with flags on information which requires their attention. Each report is between 3 and 4 pages and is delivered in PDF format.





Hunt sends weekly reports to managers and supervisors for vacation time management of their specific team. These reports help managers/supervisors



Customer Success

Precision Drilling - Top-ranked oil and gas drilling contractor with both North American and international operations to provide a wide range of oil and gas drilling services and other related services.

- **Daily costing reports** are sent out each morning to drilling site managers
- Drill site specific data on previous day costs
- Enables managers to better assess and implement courrent day cost control measures



CUSTOMER SUCCESS STORY



FOCUS CUSTOMER -PRECISION DRILLIING

Precision Drilling (Precision) is an international Oil and Gas drilling contractor focused on delivering maximum efficiency, helping its customers minimize risk, reduce well costs and generate returns on their investments. They provide safe, consistent, repeatable and reliable service with the full support of the entire Precision team.



CHALLENGE



Precision successfully deployed SAP Analytics Cloud as their primary platform for analytics, however connectivity restrictions presented challenges for rig supervisors to access strategic management information. This required an effective method to distribute site-specific analysis to field superintendents to support them in controlling daily operational costs.

SOLUTION: APOS PUBLISHER FOR CLOUD



DISTRIBUTING RIG-SPECIFIC INFORMATION

Precision gained the ability to provide precisely the information needed by field personnel



PERSONALIZED CONTENT TO FIELD PERSONNEL

Precision used SAC story

filters with APOS

Publisher for Cloud to

personalize and simplify

EASY TO DEPLOY **PROCESSES**

AUTOMATED.

Precision quickly and easily implemented the dynamic, data-driven processes of APOS Publisher for Cloud to



Efficiency & Expanded Value Considerations



Reduced IT Burden

Flexibility

Automation

Reduced IT Burden



Central management

- Dynamic, data-driven process
- Easily maintained

Simplified setup

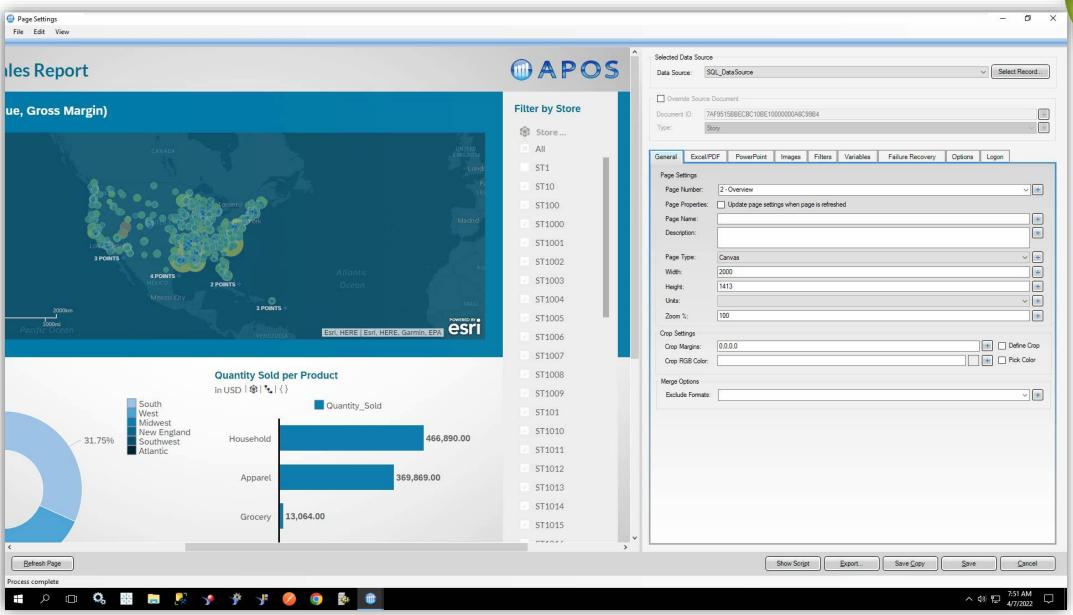
Fast time to Value

User friendly interface

• WYSIWYG interface simplifies configuration process



Reduced IT Burden



Flexibility



Consolidate content from multiple reports

Minimize number of emails sent to users

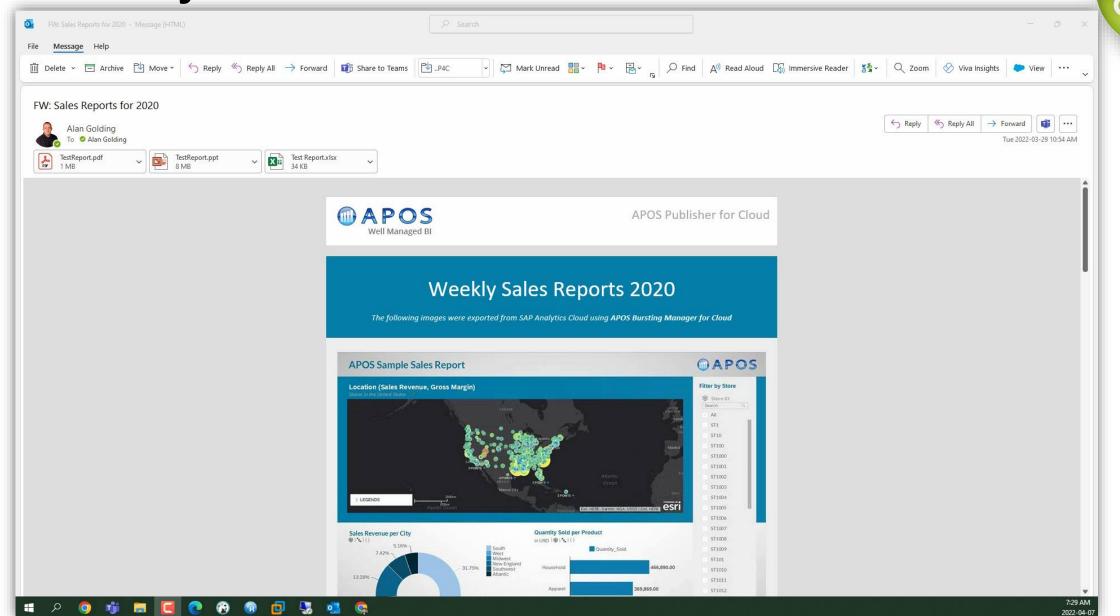
Scalable

- Architecture
- High availability

Flexibility on recipients

- Number of recipients
- External/Internal recipients
- Volume of recipients

Flexibility



Automation



Conditional Bursting

 Automate when distributions are sent based on multiple factors

Scheduling

 No inherent limits on timing or number of schedules processed



Name	Status	Triggers	Next Run Time
(Accounts Bi Annually	Ready	At 7:23 AM every Monday every 2 weeks, starting 2022-04-07	2022-04-11 7
(Annual End of Year Financials	Ready	At 7:23 AM on day 20 of December, starting 2022-04-07	2022-12-20 7
(Daily Account Managers Run	Ready	At 7:24 AM every day	2022-04-08 7
(Daily EOB Stats Report	Ready	At 7:21 AM every day	2022-04-08 7
(1) Monthly Manufacturing Reports	Ready	At 7:20 AM on day 1 of January, February, March, April, May, Ju	2022-05-01 7
(Quarterly Account Financials	Ready	At 7:22 AM on day 1 of January, April, July, October, starting 202	2022-07-01 7
(b) Sales Summary Schedule Weekly	Ready	At 7:20 AM every Sunday of every week, starting 2022-04-07	2022-04-10 7

Bex/BW Broadcasting Considerations



Forward Looking Strategy

Distribution of Excel Output

Monitor BW to Trigger Distribution







BW Platform

Reporting Solution

Broadcasting Solution







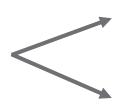


Business Explorer (BEx)

BEx Broadcaster







No Solution Available



SAP BusinessObjects





Reporting Solution

Broadcasting Solution







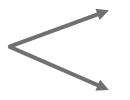


BEx Broadcaster





Analysis for Office



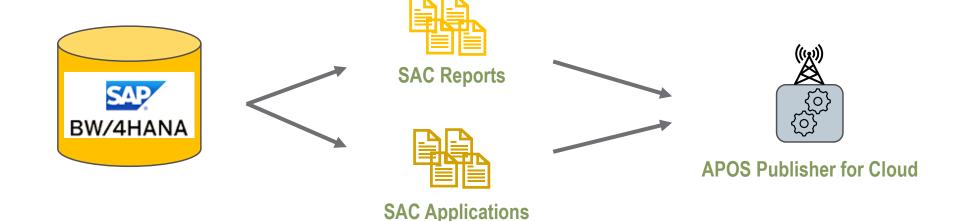
No Solution Available



SAP BusinessObjects + APOS Publisher



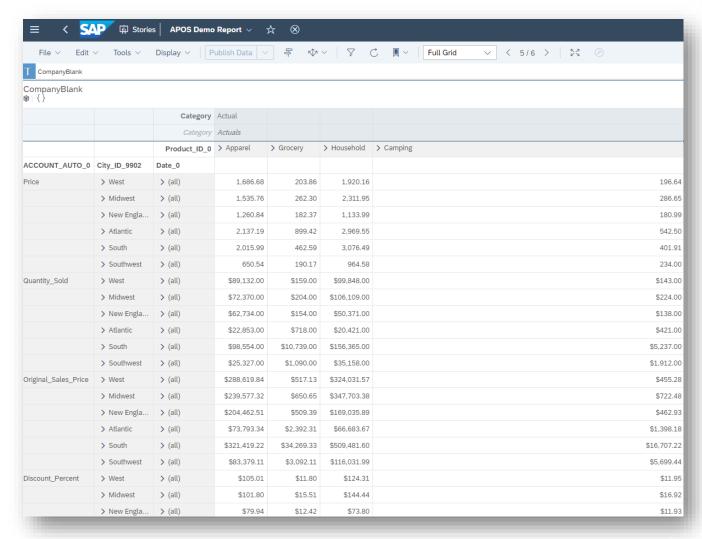




SAC Distribution in Excel with APOS

ogo ogo

- Create Tables/Grids in SAC that replicate Bex Reports with native Live BW Connection
- Create filters/variables to allow control of data segregation



Distribution of Excel Output with APOS



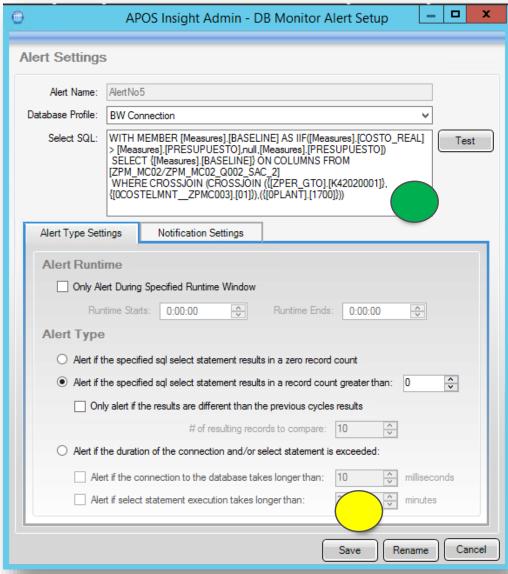
- APOS can export full data set
- Can use Excel templates to format excel data like Bex report

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,
	\$657,262	47 %	100 %	125 %	\$0		\$526,577		\$657,262		\$830,
2 GAL	\$1,068	100 %	100 %	26 %	\$0	6 GAL	\$4,070	2 GAL	\$1,068	9 GAL	\$6.
50 GAL	\$37.794	100 %	100 %	219 %	\$0	25 GAL	\$17.278	50 GAL	\$37,794	20 GAL	\$14.
-	407,707		-		-	20 LB	\$1,642	-	407,107		
-10 LB	\$-584	-100 %	-100 %	0 %	\$0	_	-	-10 LB	\$-584	0 LB	
1,440 LB	\$52,618	100 %	100 %	146 %	\$0	1,656 LB	\$36,132	1,440 LB	\$52,618	1,704 LB	\$40,
3,260 LB	\$198,500	100 %	100 %	282 %	\$0	1,320 LB	\$70,466	3,260 LB	\$198,500	3,490 LB	\$201,
-	-			_	-	18 LB	\$2,985	-	-	17 LB	\$2,
-4 GAL	\$-525	-100 %	-100 %	-51 %	\$0	8 GAL	\$1,029	-4 GAL	\$-525	56 GAL	\$4
46 GAL	\$53,221	100 %	100 %	64 %	\$0	72 GAL	\$82,852	46 GAL	\$53,221	79 GAL	\$90
410 GAL	\$127,801	100 %	100 %	130 %	\$0	323 GAL	\$98,556	410 GAL	\$127,801	365 GAL	\$96
65 GAL	\$7,303	100 %	100 %	49 %	\$0	135 GAL	\$14,872	65 GAL	\$7,303	-	
-	-	-	-	-	-	45 GAL	\$12,016	-	-	250 GAL	\$66
				_	_	5 GAL	\$134	-	-	5 GAL	
95 GAL	\$14,073		100 %	158 %	\$0	60 GAL	\$8,888	95 GAL	\$14,073	70 GAL	\$9
10 GAL	\$409	100 %	100 %	53 %	\$0	20 GAL	\$779	10 GAL	\$409	35 GAL	\$1
265 GAL	\$93,089	100 %	100 %	235 %	\$0	115 GAL	\$39,605	265 GAL	\$93,089	160 GAL	\$50
161 GAL	\$36,265	100 %	100 %	171 %	\$0	98 GAL	\$21,200	161 GAL	\$36,265	264 GAL	\$50
-1,080 LB	\$-4,190	-100 %	-100 %	-6 %	\$0	19,200 LB	\$72,384	-1,080 LB	\$-4,190	10,710 LB	\$39
240 GAL	\$39.845	100 %	100 %	154 %	\$0	164 GAL	\$25.930	240 GAL	\$39.845	80 GAL 630 GAL	\$12 \$98
-18 GAL	\$-3,675	-100 %	-100 %	-87 %	\$0	104 GAL	\$4,202	-18 GAL	\$-3,675	030 GAL	288
20 GAL	\$3,899	100 %	100 %	-87 % 52 %	\$0 \$0	32 GAL	\$7,561	20 GAL	\$3,899	36 GAL	\$8
24 GAL	\$6,963	100 %	100 %	41,843 %	\$0	0 GAL	\$-17	24 GAL	\$6,963	8 GAL	\$2
-40 GAL	\$-6,612	-100 %	-100 %	-165 %	\$0 \$0	25 GAL	\$4,012	-40 GAL	\$-6,612	203 GAL	\$31
-TU OAL	\$-0,012 -			-105 /6	- O	37 GAL	\$11,119	-HU GAL	\$-0,012 -	203 GAL	\$31
_	_			_	_	37 GAL	\$11,113	_	_	5 GAL	3
_	_			_	_	_	_	_	_	260 LB	\$20
_	_			_	_	2 GAL	\$1,726	_	_	-	720
_	_	_	-	_	_	5 GAL	\$741	_	_	_	
-	-	-	-	-	-	30 GAL	\$8,652	-	-	-	
										24018	•

Monitor BW to trigger distribution

□ X APOS Insight Admin - DB Monitor Alert Setup Alert Name: Alert No 5

- Connect to BW to monitor latest data load
- Monitor specific BW Cubes or Bex queries for certain thresholds





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
- Targeted Distribution
- Printing

- Dynamic Formatting
- On-Demand Bursting





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







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 landscapemode 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



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



Upcoming Events



Latest Updates and News on SAP Analysis for Office - Webinar

May 4th, 2022 - 11 am EST

SAP Analysis for Microsoft Office (Analysis Office) and its flexible analytical capabilities continues to be a very popular tool for self-service analytics with many organizations and users, but what's ahead for SAP Analysis Office users in this time of digital transformation? Many organizations are eager to address key questions to help them plan their analytics future. What are the latest SAP Analysis Office capabilities? What is the vision for SAP Analysis Office?

Join SAP's Jeanne Bigonnet and the APOS team to learn about:

The latest SAP Analysis Office updates and the roadmap for its future

- Assess the latest advancements for SAP Analysis Office
- Understand SAP Analysis Office and its importance for you
- Plan your next steps for SAP Analysis Office in your organization

How APOS technology can help you expand your use of SAP Analysis Office with:

- Scheduling and distribution
- Expanded formats and destinations



Register at www.apos.com

...and more.

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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!





Thank You!

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