

WEBINAR

Entzünden Sie ihr Analytics:
**Automatisiertes Broadcasting von
Reports aus der SAP Analytics
Cloud**



Today's Session

Key Topics

- Information Recipients
- Broadcasting Examples
- Solution Overview
- Core Broadcasting Functionality
- Web Scheduling UI
- Supporting Analysis for Office
- Scalability & Security Considerations

- Q&A – see webinar console



HOUSEKEEPING



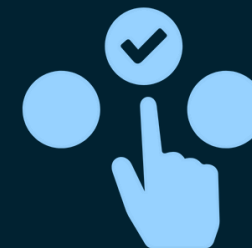
You will have access to the **slides** via email



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



Download the **handouts** in the panel



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

Today's Presenters:



Michael Mueller
Customer Development
APOS



ALAN GOLDING
Solution Consulting Manager
APOS



Who is APOS?

- Formed in 1992
- Focus on BI & Analytics solutions
- Software solutions to enable BI platform management, BI report publishing, and analytics data connectivity
- Simplifying, automating, extending SAP Analytics Cloud, SAP BusinessObjects, and SAP data analytics
- Strategic SDK development and consulting
- Hundreds of customers globally





EXTEND
SAP ANALYTICS

SAC Report Access

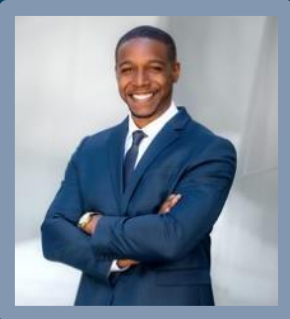
- Pull
- Push



Information Recipients



Worksite Supervisors



Executives



Suppliers



Sales Teams



Customers



Store Managers

Information Recipients



Business Objects



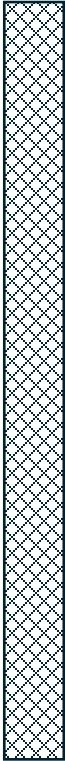
Information Recipients



**BEx
Broadcaster**



Information Recipients - SAC



APOS Publisher for Cloud

APOS Publisher for Cloud is a software solution that automates the generation of 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.

“Broadcasting”



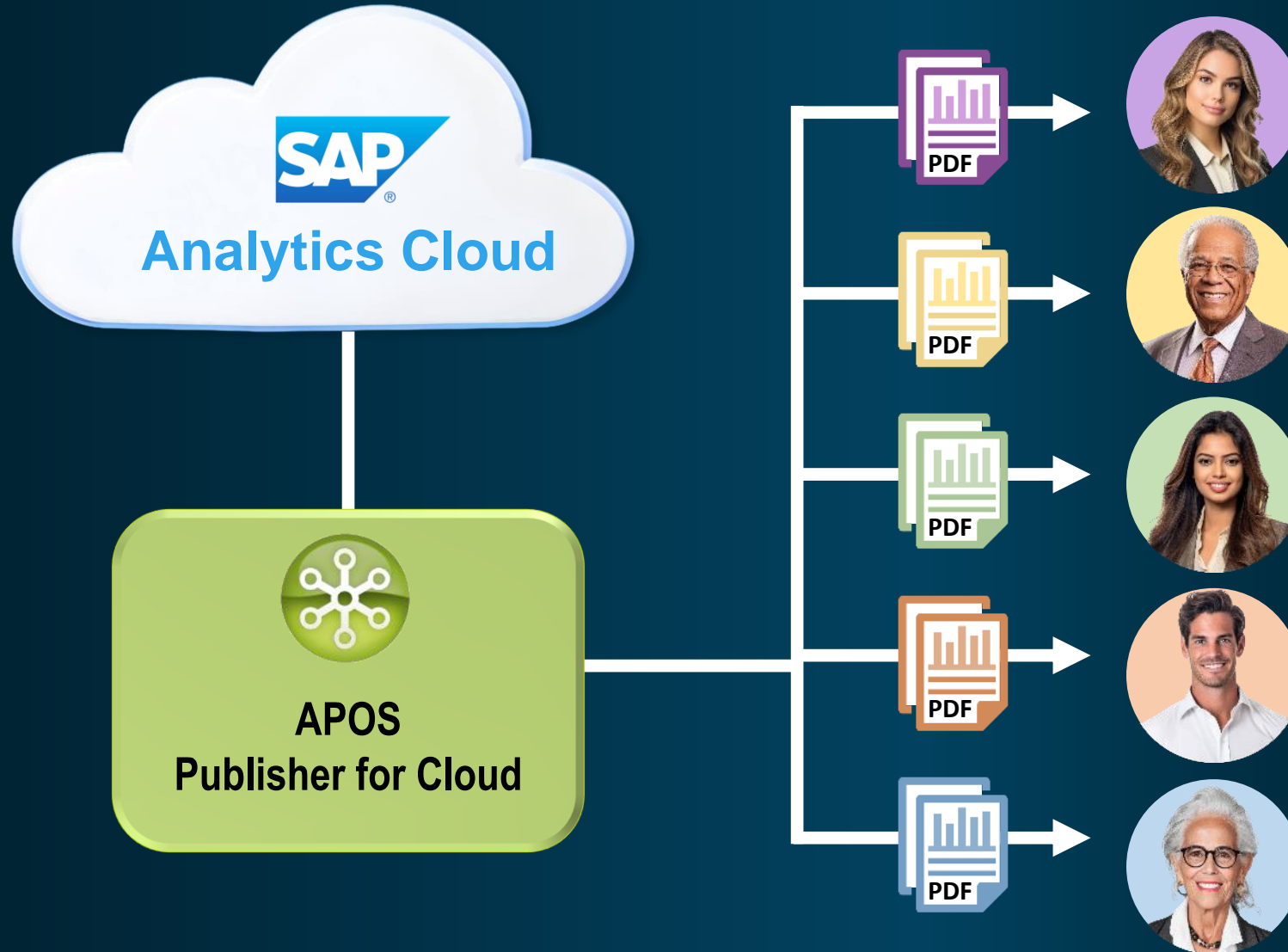
“Bursting”



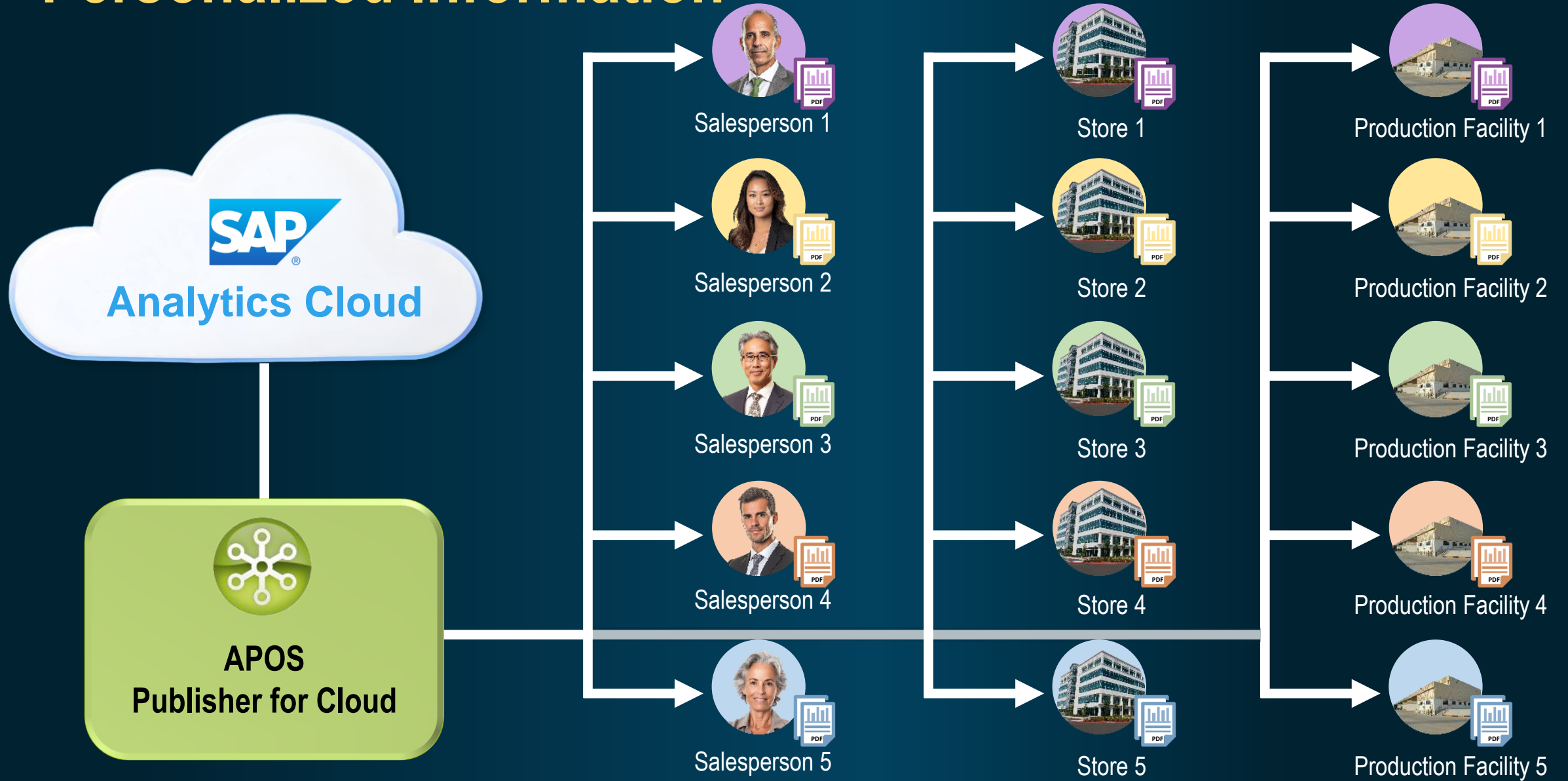
APOS Publisher for Cloud



Personalized Information



Personalized Information



Customer Profile

Bristol (Euro Shoe Group) is a European retailer of shoes, clothing, and accessories with locations throughout Belgium and Netherlands.

- 1000+ employees
- 220 retail store locations
- Almost 100 years in business



BRISTOL

Landscape & Core Challenge

- SAP ERP and BW customer
- SAP Analytics Cloud is BI and analytics platform
- Store managers require access to weekly KPI reports to support store level decision making and operations management, providing regional store comparisons

Solution Requirements:

Bristol needed to get weekly sales and inventory dashboards in PDF format to all of retail stores simultaneously to allow review of KPIs, enable collaboration between stores, and improve accountability.

- **Personalized Dashboards** - delivery of store-specific key performance indicator reports and actual sales figures drawn from **BW** data source
- **Timely Broadcasting** - broadcast reports to non-SAC users at strategic times
- **Granular Control** - ability to monitor the broadcasting process to ensure prompt delivery of reports to all stores.

Solution Barriers:

- Most recipients do not have direct access to the **SAC** system
- Limits on volume of **SAC Publications**

Problem & Pain: SAP Analytics Cloud Publications would not function to meet their report distribution needs. Not providing this store level information in a timely and effective manner would mean that store operational efficiencies would be compromised.

Customer Problem

Outcomes

APOS Publisher for Cloud was deployed to address the solution requirements of store-specific KPI reports delivered to each store at critical weekly timing and provide the needed broadcast process monitoring and controls.

Customer Success

“Thanks to the APOS Publisher for Cloud solution, all stores receive, in an automated way, a weekly dashboard with the sales KPIs of the previous week for their store in PDF format. The dashboard gives a clear picture of their store's sales results and stock, and these figures are compared to a cluster of comparable stores. Thanks to this information, the store manager and their team can manage the store perfectly, see where there is still potential and take the necessary actions.

- Roelof Vandelook, BI Team Lead

SAP Analytics Cloud Bursting and Distribution



APOS PUBLISHER FOR CLOUD

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



Personalized Distribution



Strategic Timing



Tailored Format



Scalability



Dynamic Flexibility

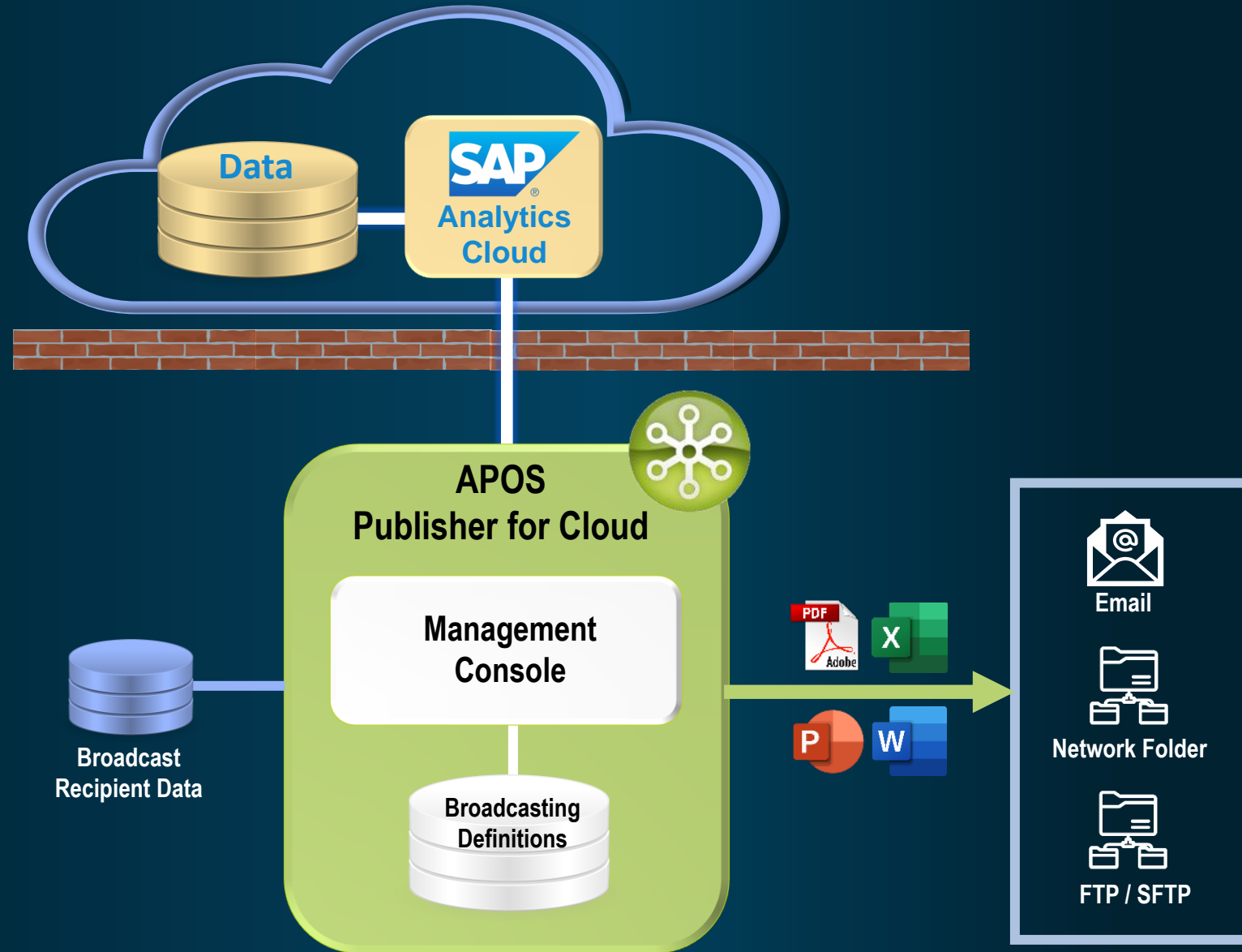


Secure Collaboration

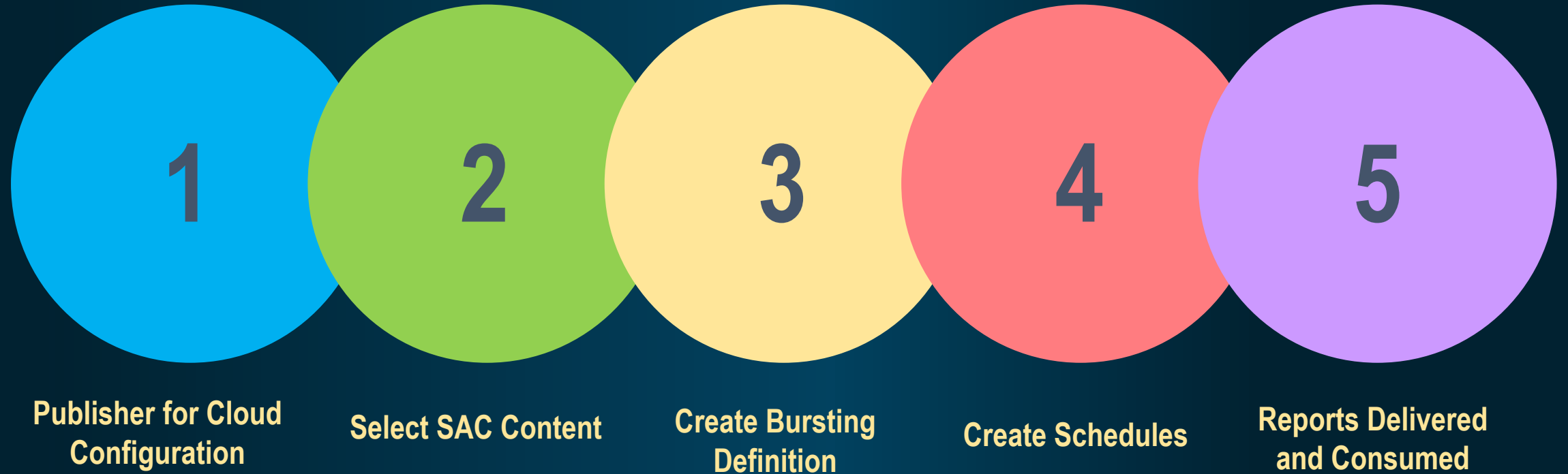


Alan Golding
Solution Consulting Manager
APOS

APOS Publisher for Cloud



Key Steps to Report Broadcasting



Publisher for Cloud Roles



System Administrator

- Publisher for Cloud Configuration



APOS P4C Administrator Application (Windows)



Broadcast Creators

- Select SAC Content
- Create Bursting Definition



APOS Broadcasting Application (Windows)



Broadcast Scheduler

- Schedule Bursting Definitions



APOS Web Scheduling UI (Web Browser)



Information Recipients

- Reports Delivered & Consumed



No APOS Software Required

Core Broadcasting Functions

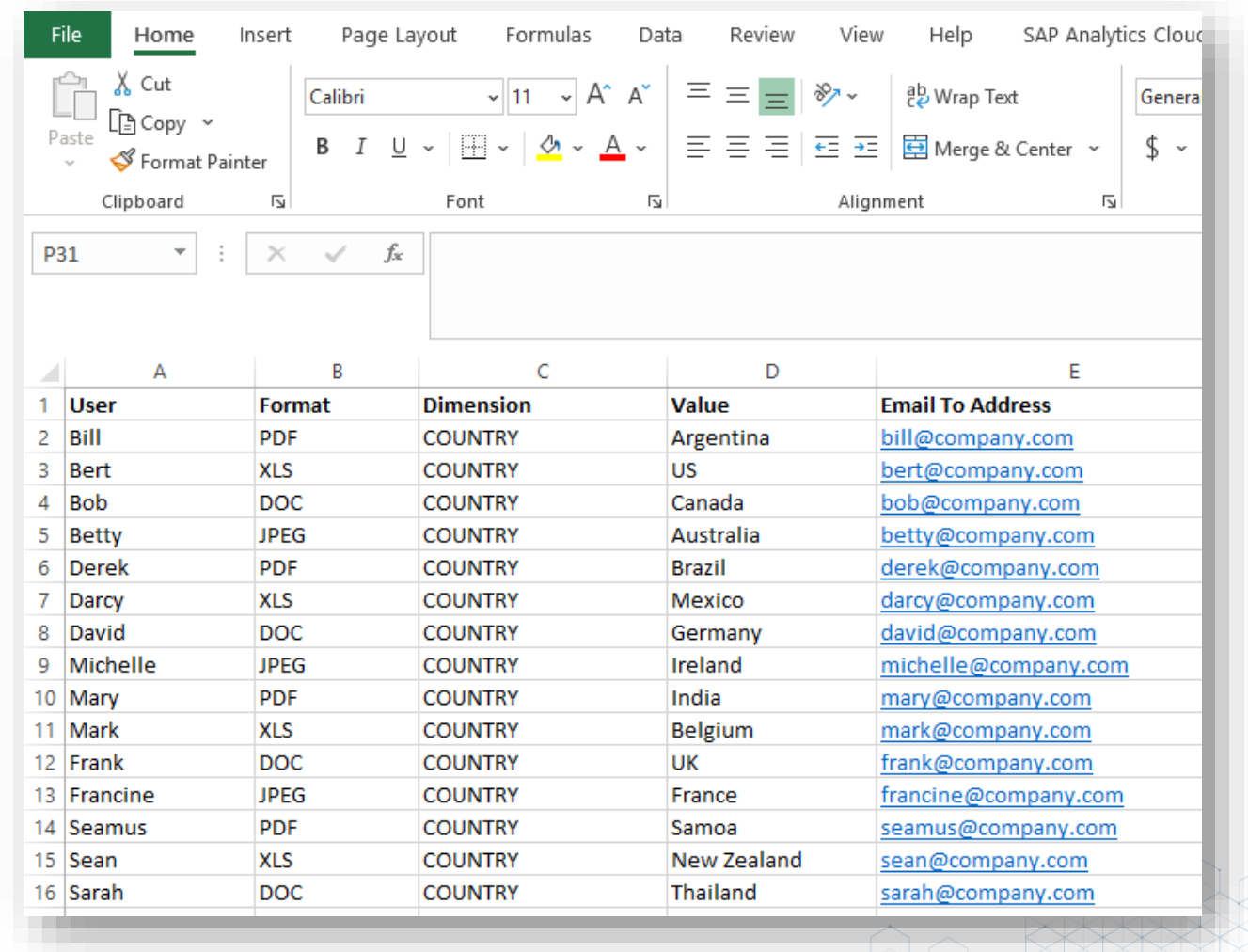
- **Dynamic Rules**
 - **Filter/Variables**
 - **Formats & Destinations**
 - **Consolidation of Multiple Reports**



APOS Publisher for Cloud

Dynamic Rules

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



The screenshot shows the Microsoft Excel interface with the following data table:

	A	B	C	D	E
1	User	Format	Dimension	Value	Email To Address
2	Bill	PDF	COUNTRY	Argentina	bill@company.com
3	Bert	XLS	COUNTRY	US	bert@company.com
4	Bob	DOC	COUNTRY	Canada	bob@company.com
5	Betty	JPEG	COUNTRY	Australia	betty@company.com
6	Derek	PDF	COUNTRY	Brazil	derek@company.com
7	Darcy	XLS	COUNTRY	Mexico	darcy@company.com
8	David	DOC	COUNTRY	Germany	david@company.com
9	Michelle	JPEG	COUNTRY	Ireland	michelle@company.com
10	Mary	PDF	COUNTRY	India	mary@company.com
11	Mark	XLS	COUNTRY	Belgium	mark@company.com
12	Frank	DOC	COUNTRY	UK	frank@company.com
13	Francine	JPEG	COUNTRY	France	francine@company.com
14	Seamus	PDF	COUNTRY	Samoa	seamus@company.com
15	Sean	XLS	COUNTRY	New Zealand	sean@company.com
16	Sarah	DOC	COUNTRY	Thailand	sarah@company.com



Filters/ Variables

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

Add Filter

Document: APOS Demo Report

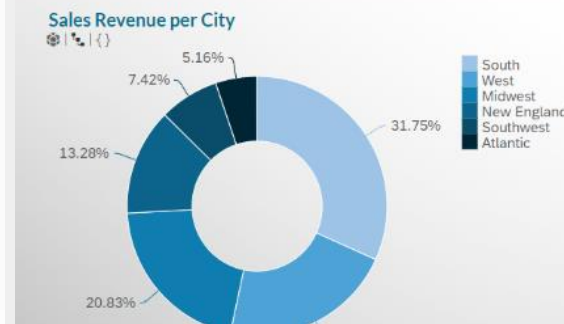
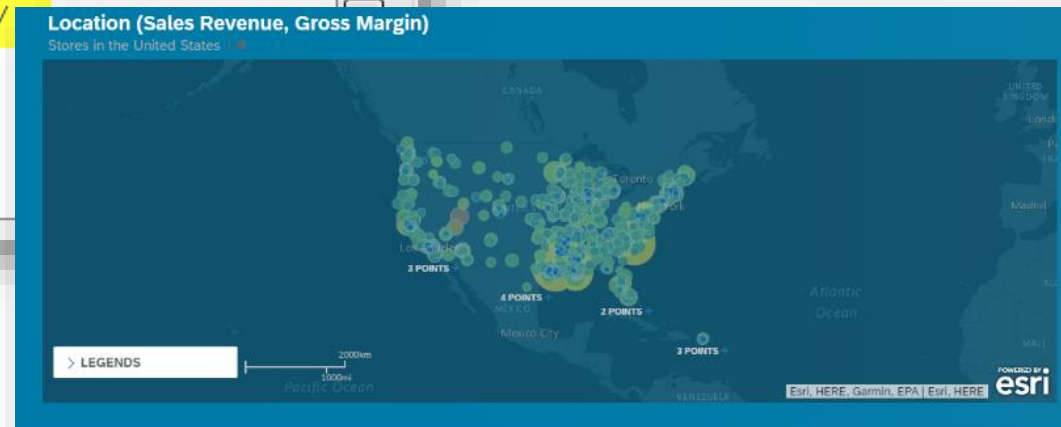
Models: CompanyBlank

Model ID: t.V:CompanyBlank

Dimensions: **City_ID_9902**

Dimension ID: t.V:City_ID_9902

Values: //DATAFIELD-FilterValue//



All Regions



Filters/ Variables

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

Add Filter

Document: APOS Demo Report

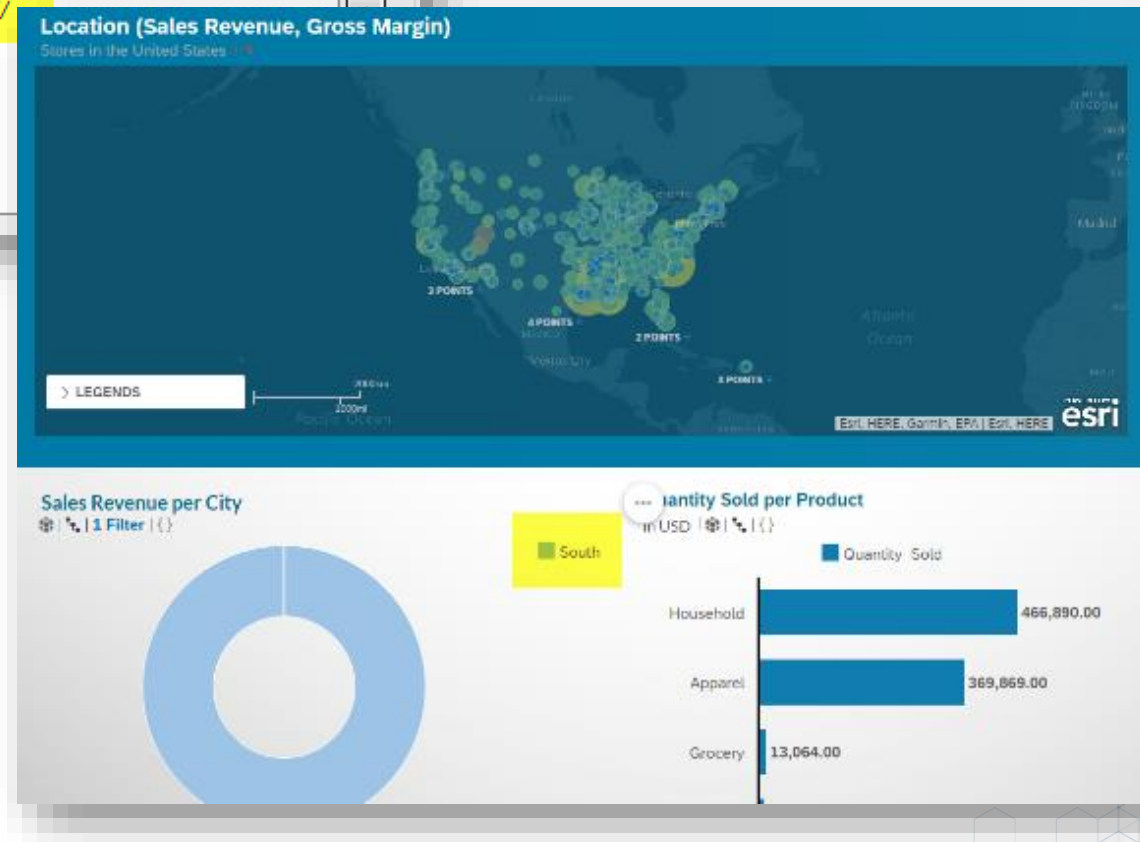
Models: CompanyBlank

Model ID: t.V:CompanyBlank

Dimensions: City_ID_9902

Dimension ID: t.V:City_ID_9902

Values: //DATAFIELD-FilterValue//



South Region



Filters/ Variables

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

Add Filter

Document: APOS Demo Report

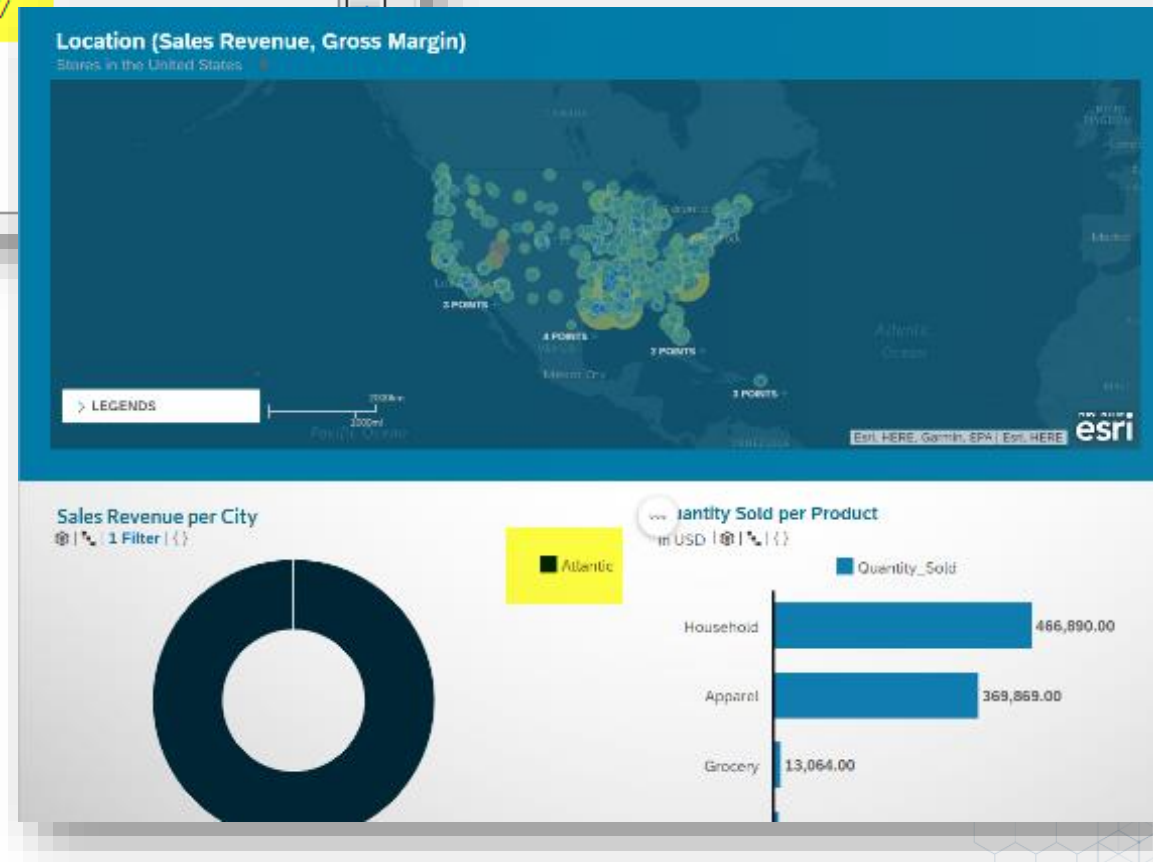
Models: CompanyBlank

Model ID: t.V:CompanyBlank

Dimensions: City_ID_9902

Dimension ID: t.V:City_ID_9902

Values: //DATAFIELD-FilterValue//



Atlantic Region



Destinations

Destinations available:

- Email
- Network File Share
- FTP / FTPS / SFTP



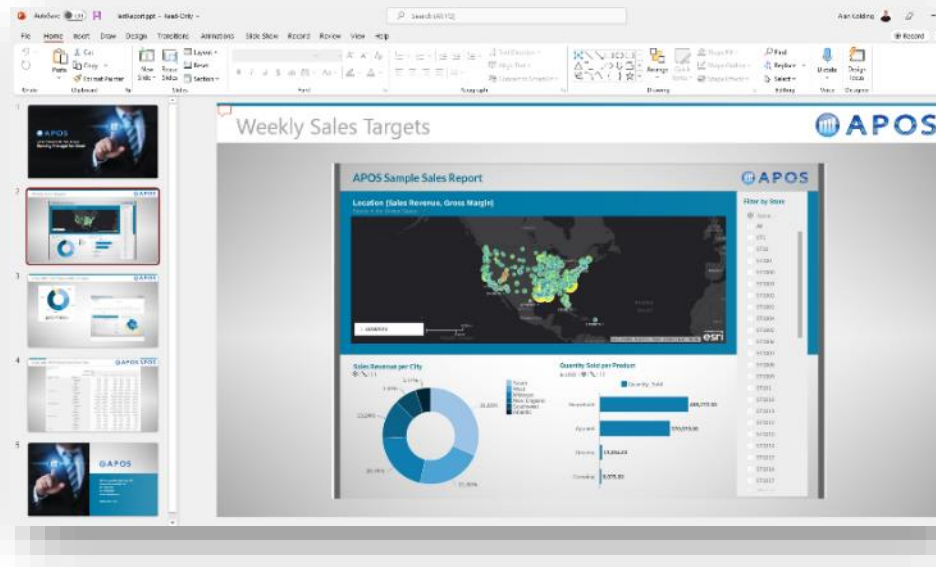
Excel with Raw Data

Region	Date	Apparel	Grocery	Household	Camping	Total Sales	Sales Above \$2,500
South	21/04/2021	\$1,066.88	\$1,535.76	\$1,290.64	\$2,137.19	\$6,020.47	Above
Northwest	21/04/2022	\$99.49	\$13.58	\$93.78	\$261.33	\$508.38	Below
Southwest	21/04/2023	\$792.72	\$652.81	\$472.47	\$1,198.58	\$1,116.58	Above
Central	21/04/2024	\$796.47	\$707.87	\$594.28	\$807.23	\$2,248.71	Above
West	21/04/2025	\$203.86	\$262.30	\$182.37	\$899.42	\$1,547.95	Below
South	21/04/2026	\$1,926.16	\$2,311.05	\$1,133.99	\$2,989.55	\$8,360.85	Above
Northwest	21/04/2027	\$206.64	\$296.88	\$180.99	\$462.00	\$1,206.78	Below
Southwest	21/04/2028	\$89,132.00	\$72,370.00	\$62,794.00	\$22,853.00	\$247,089.00	Above
Central	21/04/2029	\$72.00	\$82.00	\$78.00	\$182.00	\$442.00	Below
West	21/04/2030	\$40,261.00	\$28,886.00	\$22,408.00	\$14,085.00	\$105,940.00	Above
South	21/04/2031	\$46,499.00	\$51,388.00	\$40,251.00	\$6,703.00	\$140,781.00	Above
Northwest	21/04/2032	\$195.00	\$294.00	\$194.00	\$716.00	\$1,215.00	Below
Southwest	21/04/2033	\$99,848.00	\$106,109.00	\$50,371.00	\$20,421.00	\$276,749.00	Above
Central	21/04/2034	\$148.00	\$224.00	\$131.00	\$421.00	\$926.00	Below
West	21/04/2035	\$288,519.84	\$239,579.32	\$204,462.51	\$75,799.34	\$806,461.01	Above
South	21/04/2036	\$232.52	\$291.50	\$206.25	\$693.57	\$1,424.38	Below
Northwest	21/04/2037	\$13,286.34	\$96,764.82	\$74,467.09	\$47,243.82	\$350,022.07	Above
Southwest	21/04/2038	\$157,130.98	\$442,521.00	\$129,758.83	\$25,599.85	\$455,010.76	Above
Central	21/04/2039	\$217.13	\$620.65	\$508.89	\$2,392.31	\$4,009.48	Below
West	21/04/2040	\$924,031.57	\$347,703.38	\$109,035.89	\$66,683.67	\$907,464.51	Above
Northwest	21/04/2041	\$405.28	\$229.48	\$485.93	\$1,296.18	\$3,016.87	Above
Southwest	21/04/2042	\$108.03	\$189.80	\$94.94	\$311.67	\$604.52	Below
Central	21/04/2043	\$5.69	\$8.33	\$5.91	\$16.19	\$36.12	Below
West	21/04/2044	\$46.17	\$41.03	\$27.81	\$74.21	\$189.82	Below

PDF



PowerPoint Presentation

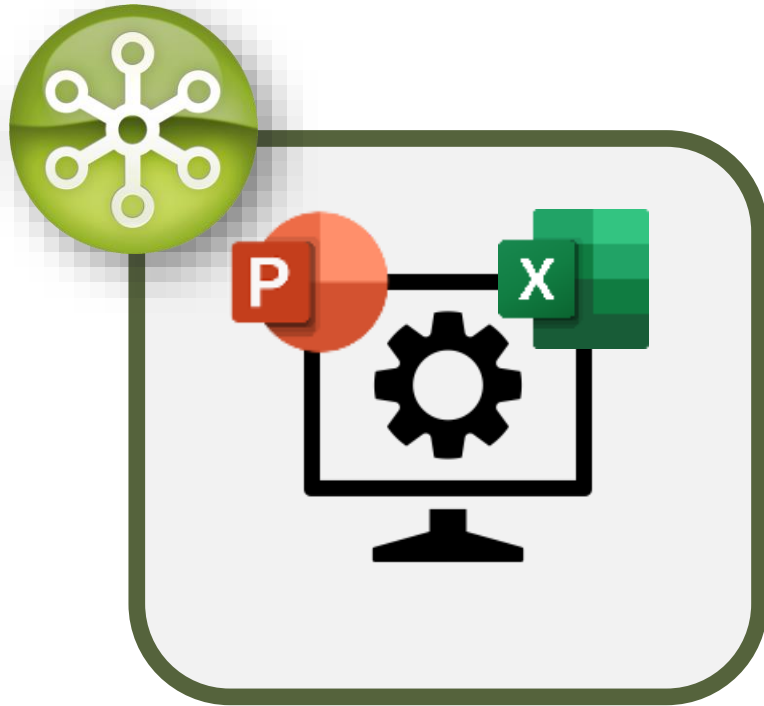


Formats

Formats available:

- PDF
- Excel with Data
- CSV
- PowerPoint
- JPEG, TIFF, GIF, PNG, BMP
- MS Word
- RTF





Formats

Templates – XLS & PPT

Benefits of using templates:

- Customized and polished finish to your content
- For Excel utilize
 - Conditionally formatted columns
 - Excel formulas
 - Custom formatting
 - Macros
- For PowerPoint utilize
 - Targeted slide placement
 - Custom formatting
 - Collaboration
 - Stream excel table into slide deck



Formats

Templates – XLS & PPT

The image displays a Microsoft PowerPoint interface with a slide template titled "Weekly Sales Targets". The interface includes a ribbon with tabs for File, Home, Insert, Draw, Design, Transitions, Animations, Slide Show, Record, Review, View, Add-ins, and Help. The Home tab is active, showing options for Undo, Paste, Copy, Format Painter, New Slide, Reuse Slides, Layout, Reset, and Section. The ribbon also includes Font, Paragraph, Drawing, and Editing groups.

The slide content is as follows:

Weekly Sales Targets

APOS Sample Sales Report

Location (Sales Revenue, Gross Margin)
Stores in the United States

Filter by Store

- All
- ST1
- ST10
- ST100
- ST1001
- ST1002
- ST1003
- ST1004
- ST1005
- ST1006
- ST1007
- ST1008
- ST1009
- ST101
- ST1010
- ST1011
- ST1012
- ST1013
- ST1014
- ST1015
- ST1016
- ST1017

Sales Revenue per City

Region	Percentage
South	31.66%
West	21.80%
Midwest	20.76%
New England	13.24%
Southwest	7.40%
Atlantic	5.14%

Quantity Sold per Product

in USD

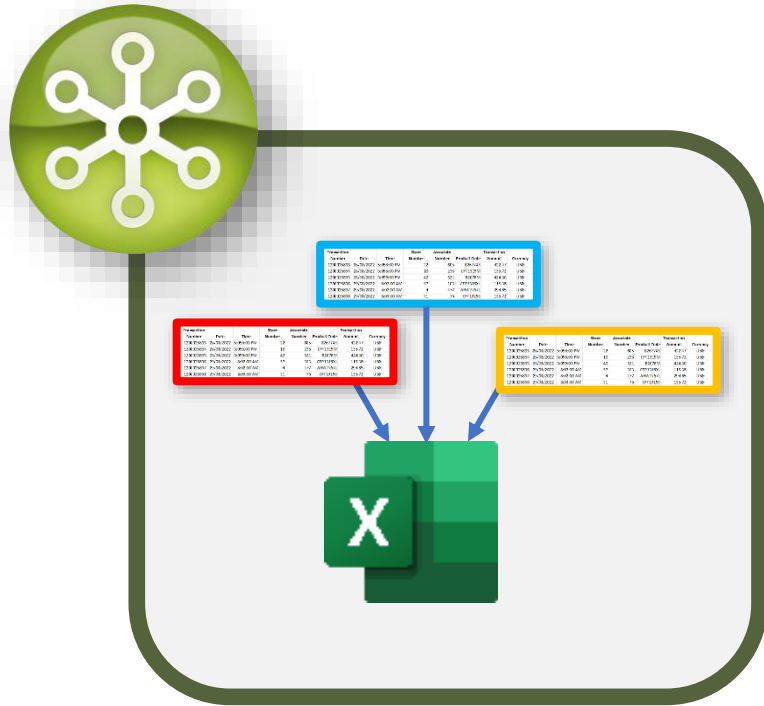
Product	Quantity Sold
Household	468,272.00
Apparel	370,970.00
Grocery	13,064.00
Camping	8,075.00



Formats

Grid/Table Excel Consolidation

- Consolidate multiple tables/grids into a single worksheet
- Summarize your raw data content in a single worksheet rather than having to create multiple worksheets



Formats

Grid/Table Excel Consolidation

Consolidate multiple tables/grids into a single Excel worksheet

The screenshot displays the Microsoft Excel interface with three tables consolidated into a single worksheet. The ribbon at the top includes File, Home, Insert, Page Layout, Formulas, Data, Review, View, and Help. The worksheet contains the following tables:

APOS Sample Sales Report

Region	Date	Apparel	Grocery	Household	Camping	Total Sales	Label	Above \$2,500
South	2/10/2021	\$1,686.48	\$1,938.76	\$1,260.04	\$2,137.19	\$6,429.47	Above	
Northwest	2/10/2022	\$97.49	\$105.98	\$93.78	\$251.23	\$558.48	Above	
Southwest	2/10/2023	\$792.72	\$682.31	\$472.47	\$1,196.58	\$3,144.08	Above	
Central	2/10/2024	\$796.47	\$767.37	\$694.59	\$697.28	\$2,955.71	Above	
West	2/10/2025	\$203.86	\$262.30	\$182.37	\$399.42	\$1,048.95	Above	
South	2/10/2026	\$1,920.16	\$2,211.95	\$1,133.99	\$2,968.85	\$8,235.95	Above	
Northwest	2/10/2027	\$196.44	\$286.65	\$180.99	\$642.50	\$1,266.58	Above	
Southwest	2/10/2028	\$19,132.00	\$72,370.00	\$42,734.00	\$22,893.00	\$247,089.00	Above	
Central	2/10/2029	\$72.00	\$90.00	\$73.00	\$190.00	\$441.00	Above	
West	2/10/2030	\$40,561.00	\$28,886.00	\$22,408.00	\$14,085.00	\$105,940.00	Above	
South	2/10/2031	\$48,499.00	\$43,286.00	\$40,253.00	\$18,700.00	\$140,738.00	Above	
Northwest	2/10/2032	\$159.00	\$204.00	\$154.00	\$719.00	\$1,235.00	Above	
Southwest	2/10/2033	\$99,048.00	\$106,109.00	\$50,271.00	\$20,421.00	\$276,749.00	Above	
Central	2/10/2034	\$143.00	\$224.00	\$158.00	\$421.00	\$946.00	Above	
West	2/10/2035	\$216,619.04	\$239,577.32	\$216,462.51	\$73,792.24	\$946,451.11	Above	
South	2/10/2036	\$232.52	\$291.50	\$234.59	\$449.57	\$1,418.18	Above	
Northwest	2/10/2037	\$131,254.34	\$96,764.82	\$74,467.89	\$47,943.82	\$350,430.87	Above	
Southwest	2/10/2038	\$197,130.98	\$142,521.00	\$129,750.33	\$25,599.95	\$495,010.26	Above	
Central	2/10/2039	\$517.13	\$650.65	\$509.39	\$2,392.31	\$4,069.48	Above	
West	2/10/2040	\$324,021.57	\$247,703.38	\$169,035.89	\$66,433.67	\$907,454.51	Above	
Northwest	2/10/2041	\$455.28	\$722.48	\$462.93	\$1,298.18	\$3,938.87	Above	
Southwest	2/10/2042	\$105.01	\$101.80	\$79.94	\$137.47	\$424.22	Above	
Central	2/10/2043	\$5.69	\$10.33	\$5.91	\$16.19	\$36.12	Above	
West	2/10/2044	\$46.17	\$41.63	\$27.81	\$74.21	\$189.82	Above	
South	2/10/2045	\$93,242.23	\$89,480.47	\$59,820.04	\$21,573.10	\$261,435.84	Above	
Northwest	2/10/2046	\$96,876.19	\$91,940.26	\$40,131.85	\$22,216.14	\$271,264.44	Above	
Southwest	2/10/2047	\$100,290.14	\$95,400.06	\$42,242.37	\$22,083.19	\$260,015.76	Above	
Central	2/10/2048	\$103,904.09	\$95,159.85	\$64,352.18	\$25,082.22	\$288,598.35	Above	
West	2/10/2049	\$107,418.04	\$102,319.65	\$46,464.39	\$24,552.28	\$300,755.35	Above	
South	2/10/2050	\$110,931.99	\$105,779.45	\$48,875.90	\$25,296.23	\$310,983.56	Above	
Northwest	2/10/2051	\$114,445.94	\$109,239.24	\$70,636.91	\$26,043.27	\$320,415.46	Above	
Southwest	2/10/2052	\$117,959.89	\$112,699.04	\$72,797.92	\$26,789.42	\$330,246.26	Above	
Central	2/10/2053	\$121,473.34	\$116,193.83	\$74,998.93	\$27,533.46	\$340,975.57	Above	
West	2/10/2054	\$124,997.79	\$119,619.63	\$77,919.84	\$28,278.51	\$349,944.97	Above	
South	2/10/2055	\$128,521.74	\$123,078.43	\$79,130.95	\$29,022.55	\$359,734.67	Above	
Northwest	2/10/2056	\$132,015.49	\$126,530.22	\$81,241.97	\$29,768.60	\$369,564.48	Above	
Southwest	2/10/2057	\$135,529.44	\$129,990.02	\$83,352.90	\$30,513.45	\$379,394.28	Above	

Injury Log

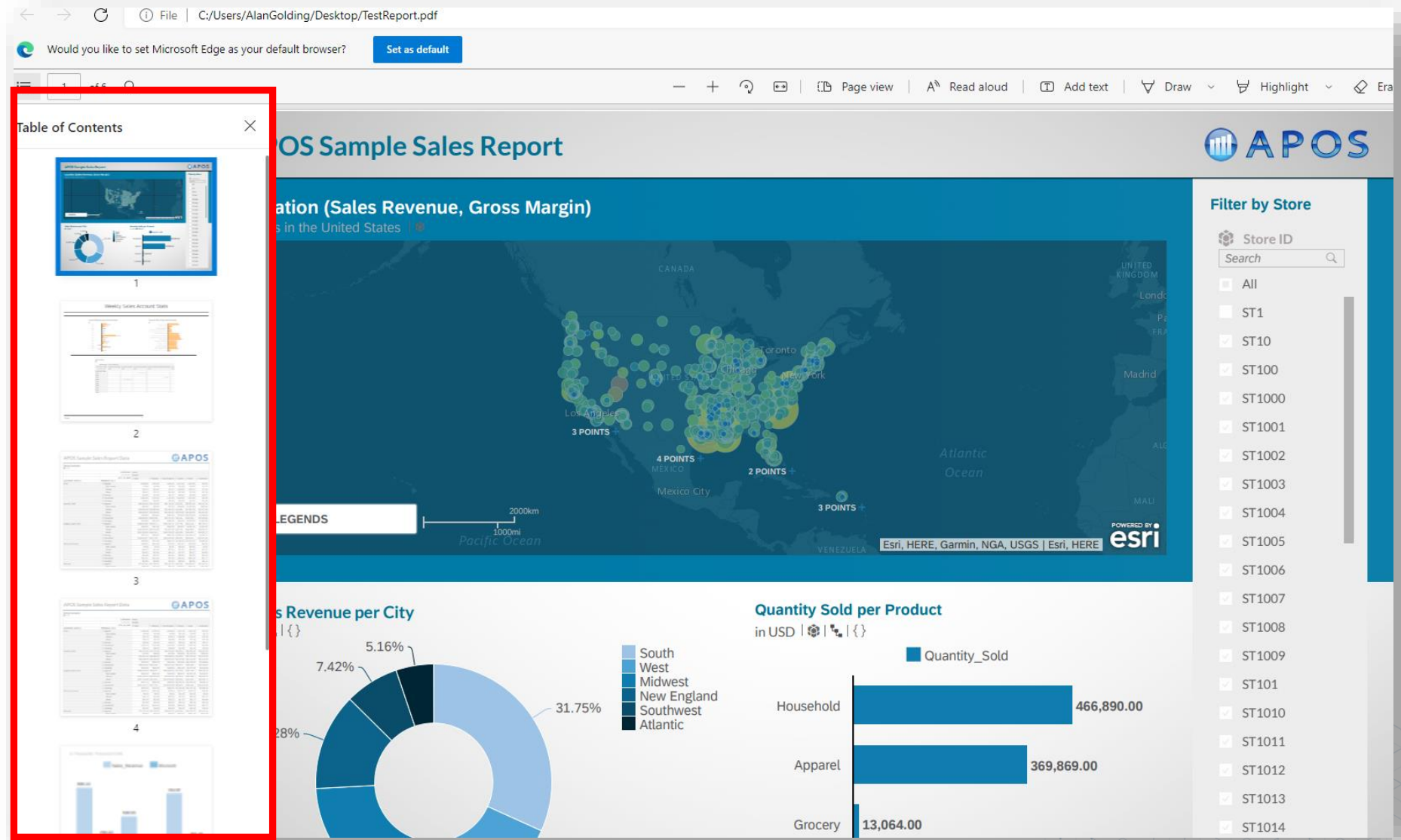
Date	Injury Location	Gender	Age Group	Incident Type	Days Lost	Plant	Reprt Type	Shift	Depts	Incident Cost	WkDs	Moet	Year
1-Jan-20	Multiple	Male	25-34	Burn	0	Iowa	Near Mi Afterno	Painting	\$0	Wed	1	2020	
3-Jan-20	N/A	Male	35-43	Vehicle	0.5	Alabama	Lost Tin Day	Fabrical	\$3,367	Fri	1	2020	
3-Jan-20	Eye	Male	18-24	Cut	0	Georgia	Near Mi Day	Adminis	\$0	Fri	1	2020	
4-Jan-20	Legs	Female	50+	Falling c	0	Iowa	Near Mi Day	Painting	\$0	Sat	1	2020	
7-Jan-20	Legs	Male	25-34	Lifting	0	Ohio	Near Mi Day	Painting	\$0	Tue	1	2020	
8-Jan-20	N/A	Female	50+	Crush &	0	Georgia	First Ai Afterno	Security	\$132	Sat	1	2020	
1-Jan-20	Neck	Male	25-34	Crush &	3.5	Iowa	Lost Tin Day	Purchas	\$4,872	Sat	1	2020	
2-Jan-20	Foot	Male	35-43	Burn	1.5	California	Lost Tin Night	Adminis	\$1,248	Sun	1	2020	
5-Jan-20	N/A	Male	18-24	Fall	0	Florida	First Ai Afterno	Mainten	\$29	Wed	1	2020	
6-Jan-20	Arm	Male	50+	Crush &	4.5	Florida	Lost Tin Afterno	Adminis	\$2,525	Thu	1	2020	
8-Jan-20	N/A	Female	35-43	Falling c	0	Iowa	First Ai Night	Shippin	\$53	Sat	1	2020	
8-Jan-20	Neck	Male	35-43	Crush &	0	Alabama	Medical Afterno	Shippin	\$1,347	Thu	1	2020	
2-Jan-20	Eye	Male	35-43	Vehicle	0	Florida	Medical Day	Finislin	\$2,268	Sun	1	2020	
7-Jan-20	Eye	Male	50+	Burn	0	Texas	Medical Day	Mainten	\$628	Mon	1	2020	
7-Jan-20	Eye	Male	35-43	Burn	0	Georgia	First Ai Night	Finislin	\$77	Mon	1	2020	
7-Jan-20	Back	Male	50+	Cut	0	Ohio	First Ai Day	Shippin	\$341	Mon	1	2020	
8-Jan-20	Arms	Male	18-24	Burn	0	Montan	Near Mi Afterno	Mainten	\$0	Thu	1	2020	
8-Jan-20	Hands	Male	35-43	Fall	0	California	Medical Day	Melting	\$2,007	Thu	1	2020	
8-Jan-20	Multiple	Male	50+	Crush &	0	Illinois	First Ai Night	Painting	\$358	Sat	2	2020	
1-Feb-20	Arms	Male	35-43	Fall	4	Ohio	Lost Tin Night	Mainten	\$1,196	Mon	2	2020	
1-Feb-20	Head	Male	18-24	Lifting	0	Montan	Near Mi Night	Shippin	\$0	Tue	2	2020	
1-Feb-20	Foot	Male	35-43	Crush &	0	Montan	First Ai Afterno	Melting	\$180	Sun	2	2020	
1-Feb-20	Head	Male	25-34	Equipm	4.5	Florida	Lost Tin Afterno	Shippin	\$3,784	Sun	2	2020	
1-Feb-20	Foot	Male	35-43	Crush &	1.5	Texas	Lost Tin Day	Melting	\$4,414	Mon	2	2020	
1-Feb-20	Head	Male	35-43	Slip/trip	2.5	Ohio	Lost Tin Afterno	Security	\$2,730	Mon	2	2020	
1-Feb-20	N/A	Male	25-34	Slip/trip	0	Illinois	First Ai Afterno	Adminis	\$394	Tue	2	2020	
1-Feb-20	Hands	Male	50+	Fall	4	Montan	Lost Tin Afterno	Finislin	\$4,743	Wed	2	2020	
1-Feb-20	N/A	Male	50+	Burn	4.5	Illinois	Lost Tin Night	Finislin	\$3,417	Thu	2	2020	
1-Feb-20	Legs	Male	25-34	Crush &	0	Alabama	Medical Night	Painting	\$2,331	Thu	2	2020	
1-Feb-20	Abdomen	Male	25-34	Equipm	0	Georgia	Near Mi Night	Shippin	\$0	Fri	2	2020	
1-Feb-20	Abdomen	Male	50+	Slip/trip	0	California	First Ai Day	Fabrical	\$207	Sun	2	2020	
1-Feb-20	Multiple	Female	35-43	Fall	2	Ohio	Lost Tin Night	Mainten	\$2,544	Mon	2	2020	
1-Jan-20	Multiple	Male	25-35	Burn	1.745	Iowa	Near Mi Afterno	Painting	\$2,112	Wed	2.2	2020	
3-Jan-20	N/A	Male	35-50	Vehicle	1.768	Alabama	Lost Tin Day	Fabrical	\$2,153	Fri	2.246	2020	
3-Jan-20	Legs	Male	18-25	Cut	1.831	Georgia	Near Mi Day	Adminis	\$2,194	Fri	2.232	2020	
3-Jan-20	Legs	Female	50+	Falling	1.815	Iowa	Near Mi Day	Painting	\$2,236	Sat	2.338	2020	
7-Jan-20	Legs	Male	25-35	Lifting	1.918	Ohio	Near Mi Day	Painting	\$2,277	Tue	2.384	2020	
1-Jan-20	N/A	Female	50+	Crush &	1.961	Georgia	First Ai Afterno	Security	\$2,318	Sat	2.431	2020	
1-Jan-20	Neck	Male	25-35	Crush &	2.004	Iowa	Lost Tin Day	Purchas	\$2,359	Sat	2.477	2020	

Segment Table

Segment	Country	Product	Discoun	Unit	Sal	Mon	Sub Pri	Grav S	Discoun	Salor	OGGS	Pratn	Date	Month	Year
Government	Canada	Carrete	Nano	1618.5	\$ 3.00	\$20.00	####	\$ -	####	####	####	####	1 January 2014	1	January 2014
Government	Germany	Carrete	Nano	1321	\$ 3.00	\$20.00	####	\$ -	####	####	####	####	1 January 2014	1	January 2014
Midmark	France	Carrete	Nano	2170	\$ 3.00	\$15.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Midmark	Germany	Carrete	Nano	888	\$ 3.00	\$15.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Midmark	Mexico	Carrete	Nano	2470	\$ 3.00	\$15.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Government	Germany	Carrete	Nano	1933	\$ 3.00	####	####	\$ -	####	####	####	####	12 Decemb 2014	12	Decemb 2014
Midmark	Germany	Montan	Nano	921	\$ 5.00	\$15.00	####	\$ -	####	####	####	####	3 March 2014	3	March 2014
Chenall	Canada	Montan	Nano	2510	\$ 5.00	\$12.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Government	France	Montan	Nano	1999	\$ 5.00	\$20.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Chenall	Germany	Montan	Nano	1945	\$ 5.00	\$12.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Midmark	Mexico	Montan	Nano	2470	\$ 5.00	\$15.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Enterpris	Canada	Montan	Nano	2465.5	\$ 5.00	####	####	\$ -	####	####	####	####	7 July 2014	7	July 2014
SmallBu	Mexico	Montan	Nano	950	\$ 5.00	####	####	\$ -	####	####	####	####	8 August 2014	8	August 2014
Government	Germany	Montan	Nano	2146	\$ 5.00	\$ 7.00	####	\$ -	####	####	####	####	9 Septem 2014	9	Septem 2014
Enterpris	Canada	Montan	Nano	345	\$ 5.00	####	####	\$ -	####	####	####	####	10 October 2014	10	October 2014
Midmark	United St	Montan	Nano	615	\$ 5.00	\$15.00	####	\$ -	####	####	####	####	12 Decemb 2015	12	Decemb 2015
Government	Canada	Para	Nano	292	\$10.00	\$20.00	####	\$ -	####	####	####	####	2 February 2014	2	February 2014
Midmark	Mexico	Para	Nano	974	\$10.00	\$15.00	####	\$ -	####	####	####	####	2 February 2014	2	February 2014
Chenall	Canada	Para	Nano	2510	\$10.00	\$12.00	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Government	Germany	Para	Nano	1004	\$10.00	####	####	\$ -	####	####	####	####	6 June 2014	6	June 2014
Chenall	Germany	Para	Nano	347	\$10.00	\$12.00	####	\$ -	####	####	####	####	7 July 2014	7	July 2014
Government	Mexico	Para	Nano	883	\$10.00	\$ 7.00	####	\$ -	####	####	####	####	8 August 2014	8	August 2014
Midmark	France	Para	Nano	549	\$10.00	\$15.00	####	\$ -	####	####	####	####	9 Septem 2015	9	Septem 2015
SmallBu	Mexico	Para	Nano	788	\$10.00	####	####	\$ -	####	####	####	####	9 Septem 2015	9	Septem 2015
Midmark	Mexico	Para	Nano	2472	\$10.00	\$15.00	####	\$ -	####	####	####	####	9 Septem 2014	9	Septem 2014
Government	United St	Para	Nano	1143	\$10.00	\$ 7.00	####	\$ -	####	####	####	####	10 October 2014	10	October 2014
Government	Canada	Para	Nano	1725	\$10.00	####	####	\$ -	####	####	####	####	11 Novemb 2015	11	Novemb 2015
Chenall	United St	Para	Nano	912	\$10.00	\$12.00	####	\$ -	####	####	####	####	11 Novemb 2015	11	Novemb 2015
Midmark	Canada	Para	Nano	2152	\$10.00	\$15.00	####	\$ -	####	####	####	####	12 Decemb 2015	12	Decemb 2015
Government	Canada	Para	Nano	1017	\$10.00	\$20.00	####	\$ -	####	####	####	####	12 Decemb 2014	12	Decemb 2014
Government	Germany	Para	Nano	1513	\$10.00	####	####	\$ -	####	####	####	####	12 Decemb 2014	12	Decemb 2014
Government	Mexico	Vale	Nano	1493	####	\$ 7.00	####	\$ -	####	####	####	####	1 January 2014	1	January 2014
Enterpris	France	Vale	Nano	1804	####	####	####	\$ -	####	####	####	####	2 February 2014	2	February 2014
Chenall	Germany	Vale	Nano	2161	####										

Report Consolidation

- Consolidate multiple stories/pages to single email/document
- Minimize the amount of emails a given user receives
- Summarize all reports into one email/document



Core Broadcasting Functions

- **Export Options**
 - **Widget Level Broadcasting**
 - **Integrated Scheduling**
 - **Conditional Broadcasting**

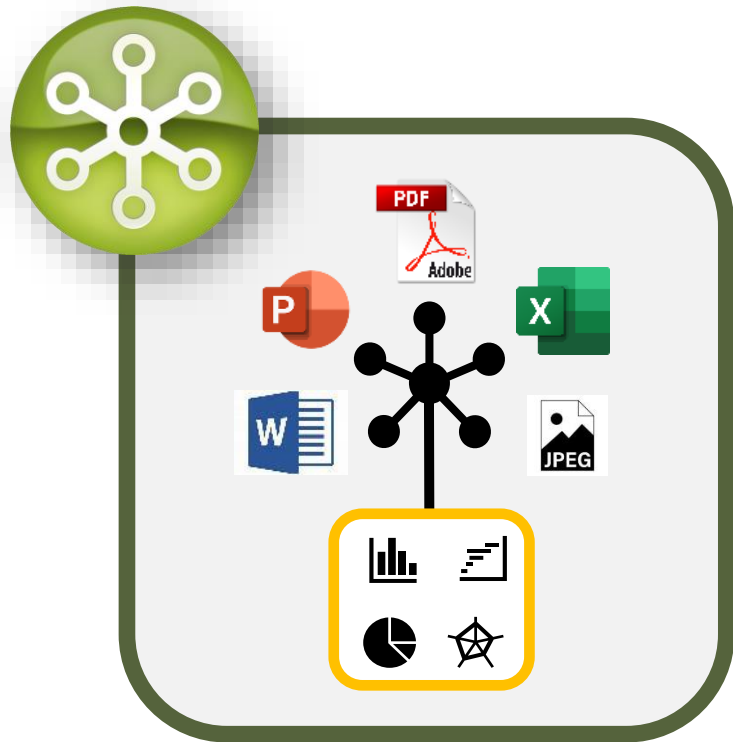


APOS Publisher for Cloud

Export Options

Multiple Export Options

- All popular output formats are available
- Multiple formats can be created by a single bursting definition



Export Options

Multiple Export Options

- For example: an Excel document and a PDF file can be created simultaneously

Email from P4C



wmbi@apos.com
To Fred Walther



11:00 AM



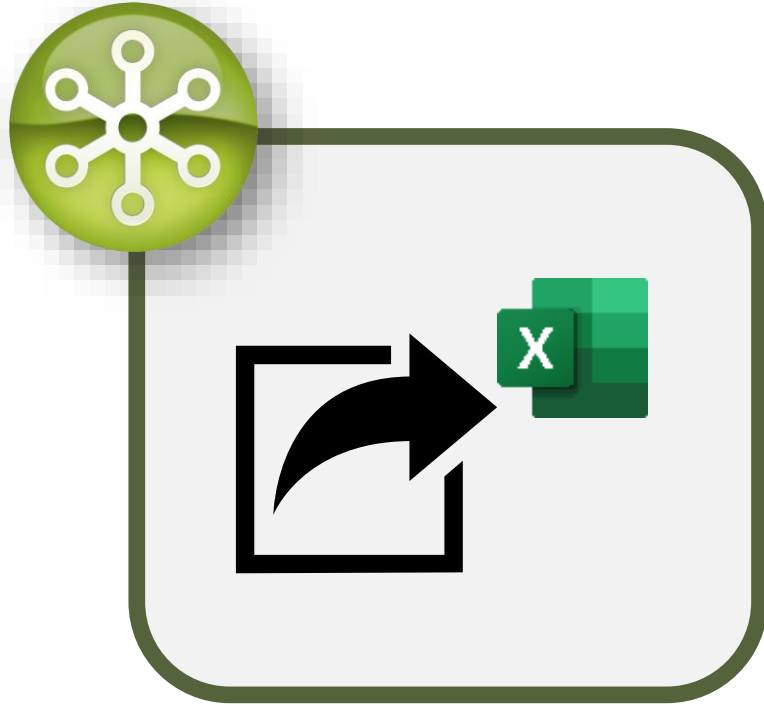
fwalther@apos.com-2023-01-25-10-58-50.xlsx
153 KB



fwalther@apos.com-2023-01-25-10-58-50.pdf
2 MB

Here is the story for you Bill





Export Options

High Volume Export

- Support for export of large data sets to Excel/CSV
- When working with tables/grids in SAC that contain large volumes of data, APOS Publisher for Cloud allows you to export that raw data in high volume with excellent performance



Export Options

	A	B	C	D	E	F	G	H	I
101664	Central	21/04/6253	\$14,880,065.02	\$14,647,302.53	\$8,941,155.46	\$3,156,725.90	\$41,625,248.91	Above	
101665	West	21/04/6254	\$14,883,578.97	\$14,650,762.32	\$8,943,266.47	\$3,157,470.94	\$41,635,078.71	Above	
101666	South	21/04/6255	\$14,887,092.92	\$14,654,222.12	\$8,945,377.48	\$3,158,215.99	\$41,644,908.51	Above	
101667	Northeast	21/04/6256	\$14,890,606.87	\$14,657,681.92	\$8,947,488.49	\$3,158,961.03	\$41,654,738.32	Above	
101668	South	21/04/2021	\$1,686.68	\$1,535.76	\$1,260.84	\$2,137.19	\$6,620.47	Above	
101669	Northeast	21/04/2022	\$97.49	\$115.58	\$93.78	\$251.33	\$558.18	Below	
101670	Southwest	21/04/2023	\$792.72	\$652.81	\$472.47	\$1,198.58	\$3,116.58	Above	
101671	Central	21/04/2024	\$796.47	\$767.37	\$694.59	\$687.28	\$2,945.71	Above	
101672	West	21/04/2025	\$203.86	\$262.30	\$182.37	\$899.42	\$1,547.95	Below	
101673	South	21/04/2026	\$1,920.16	\$2,311.95	\$1,133.99	\$2,969.55	\$8,335.65	Above	
101674	Northeast	21/04/2027	\$196.64	\$286.65	\$180.99	\$542.50	\$1,206.78	Below	
101675	Southwest	21/04/2028	\$89,132.00	\$72,370.00	\$62,734.00	\$22,853.00	\$247,089.00	Above	
101676	Central	21/04/2029	\$72.00	\$98.00	\$73.00	\$198.00	\$441.00	Below	
101677	West	21/04/2030	\$40,561.00	\$28,886.00	\$22,408.00	\$14,085.00	\$105,940.00	Above	
101678	South	21/04/2031	\$48,499.00	\$43,386.00	\$40,253.00	\$8,570.00	\$140,708.00	Above	
101679	Northeast	21/04/2032	\$159.00	\$204.00	\$154.00	\$718.00	\$1,235.00	Below	
101680	Southwest	21/04/2033	\$99,848.00	\$106,109.00	\$50,371.00	\$20,421.00	\$276,749.00	Above	
101681	Central	21/04/2034	\$143.00	\$224.00	\$138.00	\$421.00	\$926.00	Below	
101682	West	21/04/2035	\$288,619.84	\$239,577.32	\$204,462.51	\$73,793.34	\$806,453.01	Above	
101683	South	21/04/2036	\$232.52	\$291.50	\$236.59	\$649.57	\$1,410.18	Below	
101684	Northeast	21/04/2037	\$131,256.34	\$96,764.82	\$74,467.09	\$47,543.82	\$350,032.07	Above	
101685	Southwest	21/04/2038	\$157,130.98	\$142,521.00	\$129,758.83	\$25,599.95	\$455,010.76	Above	
101686	Central	21/04/2039	\$517.13	\$650.65	\$509.39	\$2,392.31	\$4,069.48	Above	
101687	West	21/04/2040	\$324,031.57	\$347,703.38	\$169,035.89	\$66,683.67	\$907,454.51	Above	
101688	Northeast	21/04/2041	\$455.28	\$722.48	\$462.93	\$1,398.18	\$3,038.87	Above	
101689	Southwest	21/04/2042	\$105.01	\$101.80	\$79.94	\$137.47	\$424.22	Below	
101690	Central	21/04/2043	\$5.69	\$8.33	\$5.91	\$16.19	\$36.12	Below	
101691	West	21/04/2044	\$46.17	\$41.63	\$27.81	\$74.21	\$189.82	Below	
101692	South	21/04/2045	\$93,362.23	\$88,480.47	\$58,020.84	\$21,573.10	\$261,436.64	Above	
101693	Northeast	21/04/2046	\$96,876.19	\$91,940.26	\$60,131.85	\$22,318.14	\$271,266.44	Above	
101694	Southwest	21/04/2047	\$100,390.14	\$95,400.06	\$62,242.87	\$23,063.19	\$281,096.25	Above	
101695	Central	21/04/2048	\$103,904.09	\$98,859.85	\$64,353.88	\$23,808.23	\$290,926.05	Above	
101696	West	21/04/2049	\$107,418.04	\$102,319.65	\$66,464.89	\$24,553.28	\$300,755.85	Above	
101697	South	21/04/2050	\$110,931.99	\$105,779.45	\$68,575.90	\$25,298.33	\$310,585.66	Above	
101698	Northeast	21/04/2051	\$114,445.94	\$109,239.24	\$70,686.91	\$26,043.37	\$320,415.46	Above	
101699	Southwest	21/04/2052	\$117,959.89	\$112,699.04	\$72,797.92	\$26,788.42	\$330,245.26	Above	
101700	Central	21/04/2053	\$121,473.84	\$116,158.83	\$74,908.93	\$27,533.46	\$340,075.07	Above	

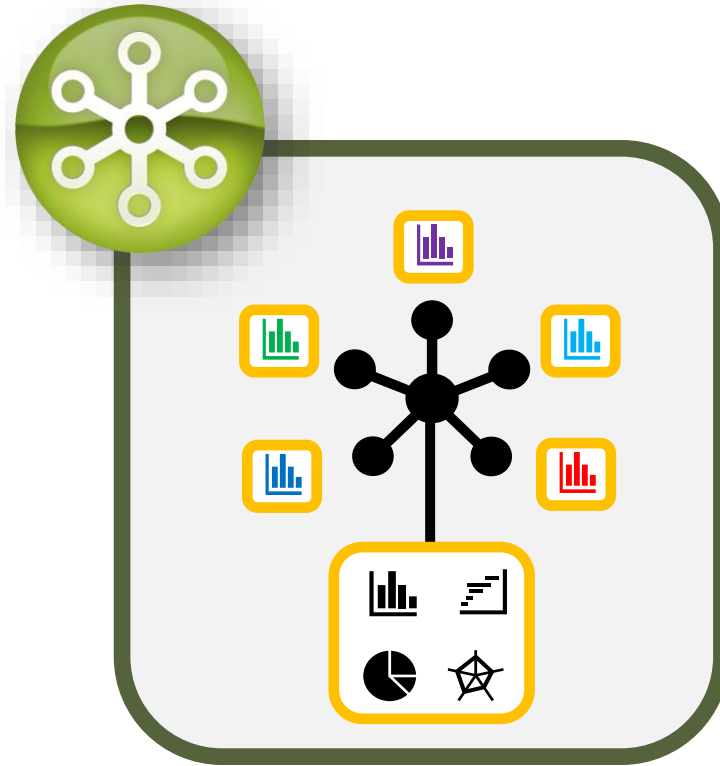
High Volume Export

- High volume data export
- High performance when exporting



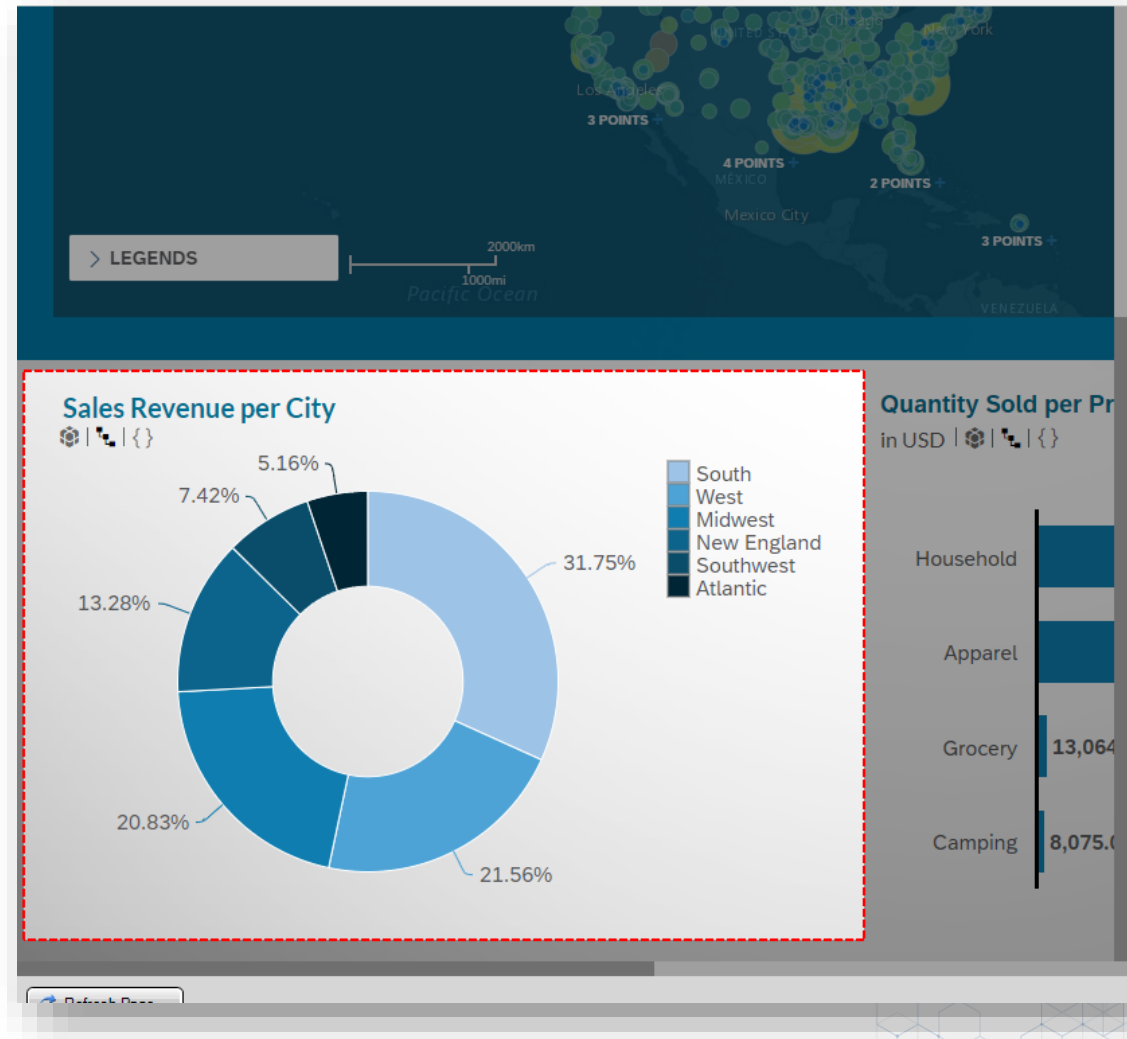
Widget Level Bursting

- Selective burst of only components of a report
- Define which widget from which report page
- Only that widget gets sent to recipients
- Allows for focus of most critical information
- More tailored distribution of targeted information being sent to the relevant users
- Simplified user consumption of information



Widget Level Bursting

- Target specific widgets/charts on an SAC page
- Tailor exactly what the recipients receive





Enterprise Scheduling

Integrated Schedule Creation

- Built in scheduling ability right from the Bursting Definition screen
- Schedule
 - Hourly
 - Daily
 - Weekly
 - Monthly



Enterprise Scheduling

Integrated Schedule Creation

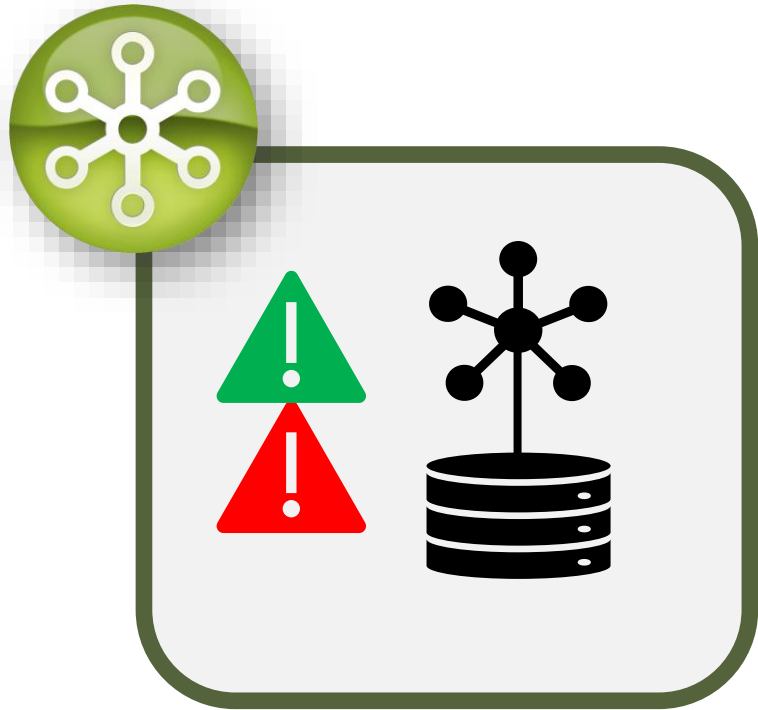
- Prepare your schedule from within your bursting definition
- No manual creation of bursting files

The screenshot displays the 'Bursting Definition' application window. A 'Schedule Settings' dialog box is open, allowing users to configure a schedule for a bursting definition named 'ALanTest'. The dialog includes the following fields and options:

- Processing server:** A dropdown menu currently set to '<Any>'.
- When do you want the burst to run?:** A dropdown menu set to 'Daily'.
- Run the burst at the start time and repeat every number of days until the end time is reached.**
- Start date/time:** Radio buttons for 'Now' (selected) and 'Set start date and time:'. The date is '2023-05-16' and the time is '4:10:15 PM'.
- End date/time:** Radio buttons for 'Never' (selected) and 'Set end date and time:'. The date is '2023-05-16' and the time is '4:10:15 PM'.
- Run every:** A spinner box set to '1' followed by 'day(s)'.
- Buttons:** 'Schedule' and 'Cancel' buttons at the bottom of the dialog.

The background window shows the 'Definition Settings' for 'ALanTest' with a 'Name' field and a 'Description' field. At the bottom of the main window, there is a row of buttons: 'Help', 'Preview', 'Save As', 'Save', 'Schedule' (highlighted), 'Burst', and 'Close'. Below the dialog, there are fields for 'Username' (agolding@apos.com), 'Password', 'Data Auth Type', 'Auth Selection', 'Data Username', and 'Data Password', along with a 'Show passwords in preview' checkbox.





Enterprise Scheduling

Integrated Conditional Broadcasting

- Built In Conditional Bursting capabilities
- Monitor KPI data thresholds
- Automatically trigger the bursting process
- Send out email alert notifications
- Datasphere integration



Enterprise Scheduling

Integrated Conditional Broadcasting

Machines Security Transaction Logs

All Machines currently in the system as of: 5/16/2023 8:02:06 AM

Machine Name	NT User	Machine Type	Enabled	IPv4 Address	IPv6 Address	MAC Address
APOS P4C DB Monitor APOS_P4C_Worksho...	SYSTEM	Database Monitoring Server	True	10.0.0.189	2001:0:34f1:807...	
APOS P4C Processor APOSOut	SYSTEM	Processing Server	True	10.0.0.189	2001:0:34f1:807...	

APOS Publisher for Cloud - Machine Setting Management

Machine Settings Management

Monitoring Settings

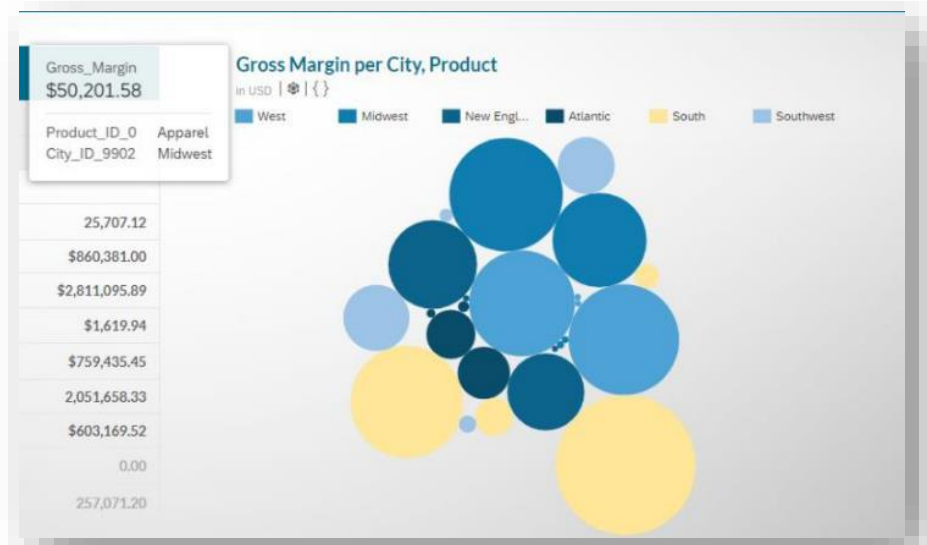
Database Monitor Alert Listing

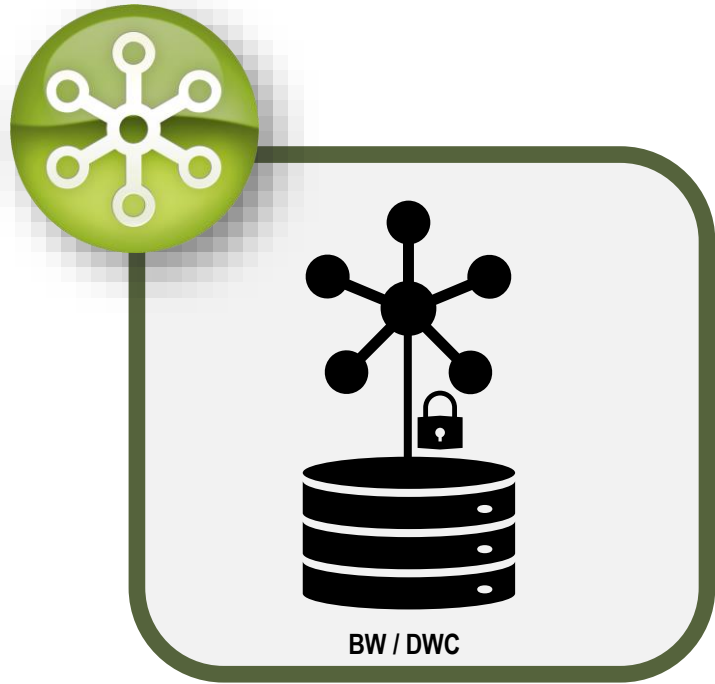
Alert Name	DB Profile	Select SQL	Custom Runtime	Runtime Start	Runtime End
Conditional_Burst_Sales_Percentages	Sales_Database	Select * from Sales_Data	False	00:00:00	00:00:00
Conditional_LatestDataUpload	Sales_Database	Select * From Sales_Data	False	00:00:00	00:00:00
Dont Burst until Total Sales % Higher than...	Sales_Database	Select * FRom Sales_data ...	False	00:00:00	00:00:00

Once all alerts are processed hibernate the server for X minutes: 1440

Add Edit Remove

Save Close





Enterprise Scheduling

BW / Datasphere

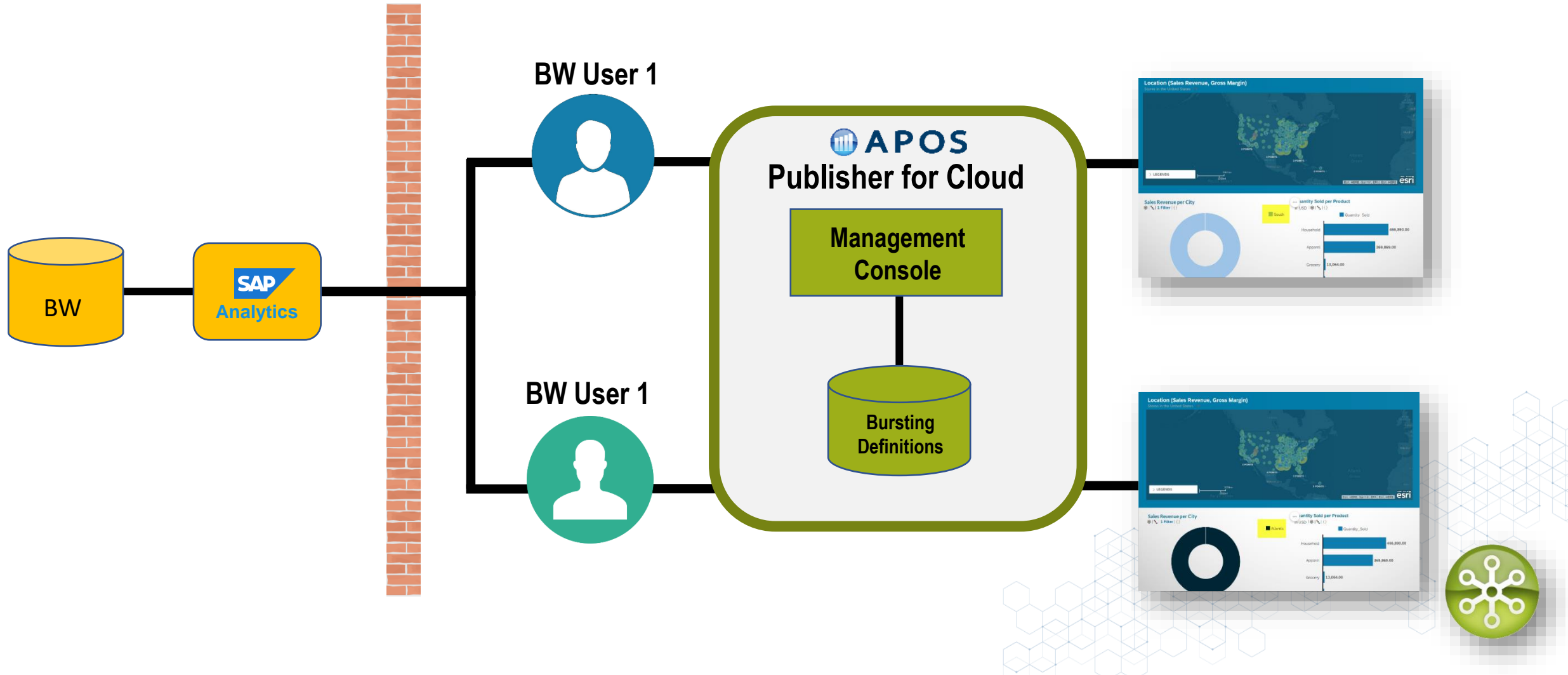
User-Based Broadcasting

- Automatically broadcasting BW-based or DWC-based stories based on BW or DWC authorizations
- Automatically generating and distributing BW-based or DWC-based reports on behalf of BW or DWC users while retaining their authorizations
- Available to support other live data sources also



Enterprise Scheduling

BW / Datasphere User-Based Broadcasting



APOS Publisher for Cloud

Demonstration

To watch this demonstration, view the webinar [on demand](#).



Customer Profile

Largest and most diversified Australasian **marketer, wholesaler and distributor of healthcare, medical and pharmaceutical products**

- \$12 billion+ annual revenue
- 5,000+ employees
- 100+ locations

Landscape & Core Challenge

In the process of a business transformation project with migration to **SAP S/4HANA**, implementing **SAP Datasphere** and **SAP Analytics Cloud** as their analytics and reporting solution.

In order to meet operational and regulatory commitments, this customer **must deliver 36 sales and operations reports to external stakeholders** on a regular and recurring schedule.



Solution Requirements:

On a scheduled and recurring basis:

- Automatically generate reports that are filtered for each stakeholder recipient to include only data relevant to each recipient
- Distribute those reports via email to:
 - External stakeholder recipients not part of the SAC user base
 - Strategic internal users
- Provide reports in multiple formats: PDF, Excel, PPT

Solution Barriers:

SAP Analytics Cloud Publications restrictions:

- reports based on SAP Datasphere live data are not supported
- Excel format output is not supported
- Limits on volume of Publications below required level

Problem & Pain: Not satisfying this critical requirement would mean significant change to their digital transformation process plan. Changes would include an analytics technology shift with associated delays, all while initial go-live was scheduled to happen within 90 days.

Customer Problem

Expanded Solution Considerations

- High-performance, timely broadcasting
- Split and send data to internal and external recipients
- Broadcast Excel data (50,000 records) via email with dataset filtering
- Broadcast PowerPoint and PDF files with embedded, filtered datasets
- Security integration – MFA, OKTA
- Secure broadcast via SFTP
- Use Excel and PowerPoint templates for professional look and feel
- Monitoring & tracking – success/failure notifications
- Performance: Threading and scalability

Outcomes & Customer Success

APOS Publisher for Cloud was successfully deployed:

- Initial critical use cases have been met
- Regulatory commitments being satisfied
- **SAP Datasphere** and **SAP Analytics Cloud** Go-Live achieved
- Future use cases will expand the value of **SAC** and Publisher for Cloud

Publisher for Cloud Roles



System Administrator

Publisher for Cloud Configuration



Broadcast Creators

**Select SAC Content
Create Bursting Definition**



Broadcast Scheduler

Schedule Bursting Definitions



APOS Web Scheduling UI
(Web Browser)



Information Recipients

Reports Delivered & Consumed



Web Scheduling User Interface

- Simplified Deployment
- Ease of Use

Coming Soon!



APOS Publisher for Cloud



Web Scheduling UI

Simplified Deployment

- No server access needed
- No application installation needed
- Controlled user access from a web browser with authentication





Web Scheduling UI

Ease of Use

- Enriched intuitive interface
- Scheduling made easy
- Personalized interface per user



Web Scheduling UI

Simplified Deployment

The screenshot displays the APOS Publisher for Cloud web interface. At the top, there's a navigation bar with 'Publisher for Cloud' and 'APOS' logos. Below this is a menu with 'HISTORY', 'FAVORITES', 'PUBLIC', and 'PERSONAL' tabs. A search bar is present with 'FILTER BY: Name' and 'VALUE: Filter value'. The main content area lists three reports:

- Accounts Payable - Quarterly 2023**
Burst weekly accounts payable report
Category: Purchasing | Tags: Financial, AR, Weekly
Owner: johndoe@apos.com | Last run time: -
Location: \\Public\Production Definitions\Accounts Payable
- Demo Report - 1 Page - PDF**
Demo report for testing PDF exporting to each destination
Category: Strategy | Tags: Testing
Owner: pwatson@apos.com | Last run time: 2024-03-14 00:00:37
Location: \\Public\Production Definitions\Accounts Payable
- Weekly Summary**
Burst weekly summary to email recipients
Category: Marketing | Tags:
Owner: pwatson@apos.com | Last run time: 2024-01-12 11:50:54
Location: \\Public\Production Definitions\IC-Suite

Each report card includes a 'Schedule' button, a 'Burst History' button, and a 'Remove' button. The interface is clean and modern, with a blue and green color scheme.



Web Scheduling UI

Ease of Use

Publisher for Cloud **APOS**

HISTORY FAVORITES PUBLIC **PERSONAL**

FILTER BY: Name VALUE: Filter value SORT BY: Name

Personal Folders

- Customer Definitions**
Contains a collection bursting definitions for testing customer issues
- Financial Reports For Testing**
Definitions used for testing financial stories before moving into production
- Projects 2024**
Collection of bursting definitions used for managing and monitoring ongoing projects

Schedule Bursting Definition

Select the Processing Server to use for this schedule.

PROCESSING SERVER: BASEWIN19VS1719:Administrator - APOS P4F Processor P4Cv9_LIVE

When do you want the burst to run?

RECURRENCE TYPE: Daily

Run the burst at the start time.

START DATE/TIME: Now Set end date and time: 2024-03-01 15:00:00

END DATE/TIME: Never Set start date and time: 2024-04-01 00:00:00

RUN EVERY: 1 HOUR(S) 0 MINUTE(S)

Schedule **Cancel**



APOS Publisher for Cloud

Scheduling with Web UI Demonstration

To watch this demonstration, view the webinar [on demand](#).





Email

Password

Login

Reset Password

SAP Analysis for Office Support

- Strong History of Report Broadcasting
- Strong Future with Analysis for Office

Coming Soon!



APOS Publisher for Cloud

AfO Report Broadcasting Progression

BW Platform



Version 7.5 and below

Reporting Solution



Business Explorer (BEx)

Broadcasting Solution



BEx Broadcaster



AfO Report Broadcasting Progression

BW Platform



Reporting Solution



Business Explorer (BEx)

Broadcasting Solution

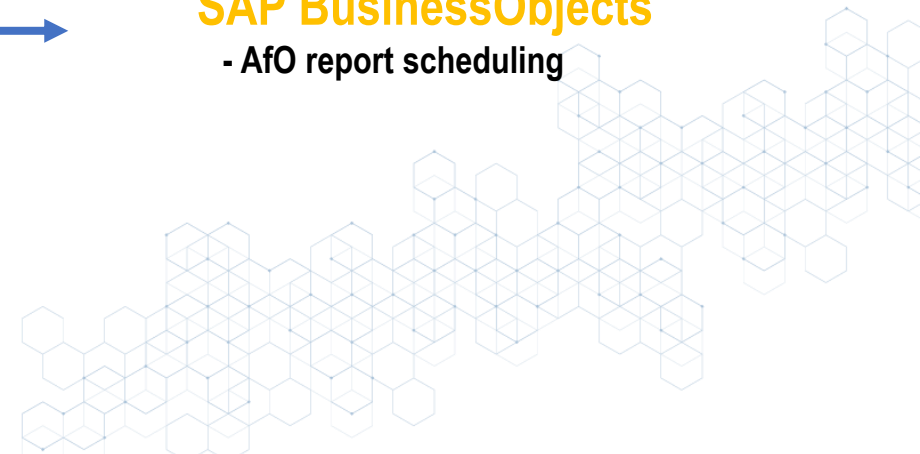


BEx Broadcaster



Analysis for Office

SAP BusinessObjects
- AfO report scheduling



AfO Report Broadcasting Progression

BW Platform



Reporting Solution



Business Explorer (BEx)

Broadcasting Solution



BEx Broadcaster



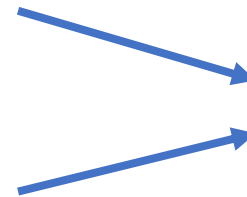
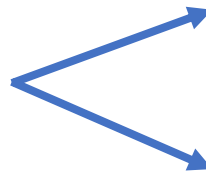
SAC Stories (Reports)



SAC Applications



APOS Publisher for Cloud



AfO Report Broadcasting – Coming Soon!



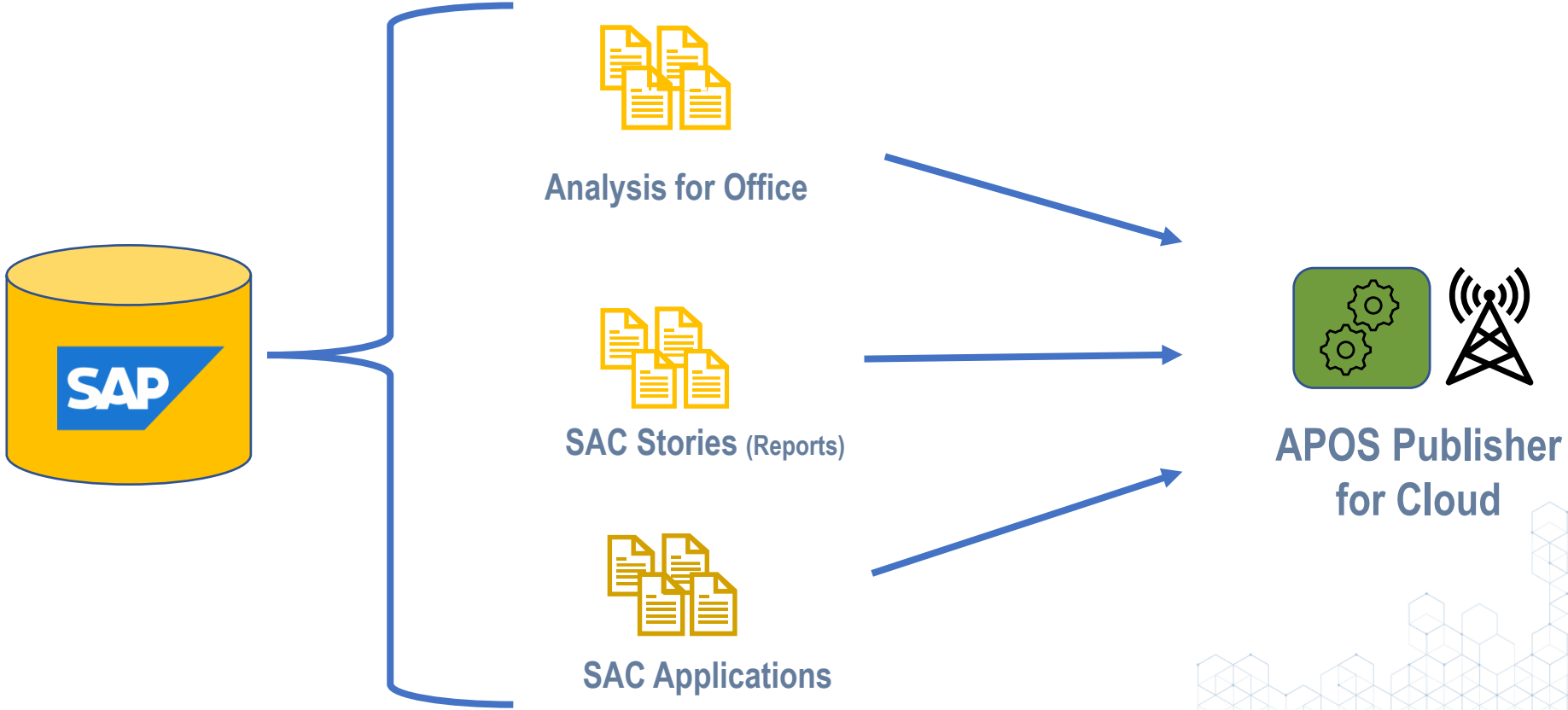
Analysis for Office



APOS Publisher for Cloud



AfO Report Broadcasting – Coming Soon!



Strong Analysis for Office Future with Publisher for Cloud

Analysis for Office reporting inherits the rich feature set of Publisher for Cloud

- **Automated broadcasting:**
Data driven reporting filtering and distribution processes
- **Expanded formats:** Excel, CSV, PDF, Text, HTML, MHTML, ODS (open document for office), XML, OXML (office open XML), XPS (print format)
- **Expanded destinations:**
Email (attachment or body), network file location, FTP/FTPS
- **Expanded features:**
Report consolidation, multi-format support, encryption and password protection



APOS Publisher for Cloud

**Analysis for Office
Broadcasting Demonstration**



Enterprise Scalability & Security



APOS Publisher for Cloud

Enterprise Scalability

- Distributed Processing
- High Availability & Failover
- Targeted Processing



APOS Publisher for Cloud

Enterprise Security

- Security & Permissions
- Administration



APOS Publisher for Cloud

APOS Solutions for SAP Analytics Cloud



APOS Publisher for Cloud

- Automated broadcasting and distribution of personalized SAC reports to target user groups
- Distribute reports to the right people, right time, right location, right format



APOS Data Gateway

- Live connectivity from SAC to wide range of data sources
- Import data from wide range of sources into SAC
- Extract and Export data from SAC

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

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 Web Intelligence Migrator



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

STAY CONNECTED



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

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QUESTIONS?

Please enter your questions in the Q&A panel.



Thank you!

Get in touch

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