WEBINAR

Ignite Analytics:

Automated Report Broadcasting with APOS Publisher for Cloud

APOS

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

APOS

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

APOS

Today's Presenters:

ALLAN PYM
COO
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 Analytics Cloud, SAP BusinessObjects, and SAP data analytics
- Strategic SDK development and consulting
- Hundreds of customers globally

APOS

EXTEND
SAP ANALYTICS

SAC Report Access

- Pull
- Push

APOS

Information Recipients

Worksite Supervisors

Executives

Suppliers

Sales Teams

Customers

Store Managers

APOS

Information Recipients

Business Objects

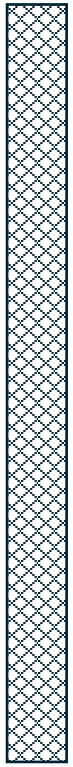
APOS

Information Recipients

BEx Broadcaster

APOS

Information Recipients - SAC



APOS

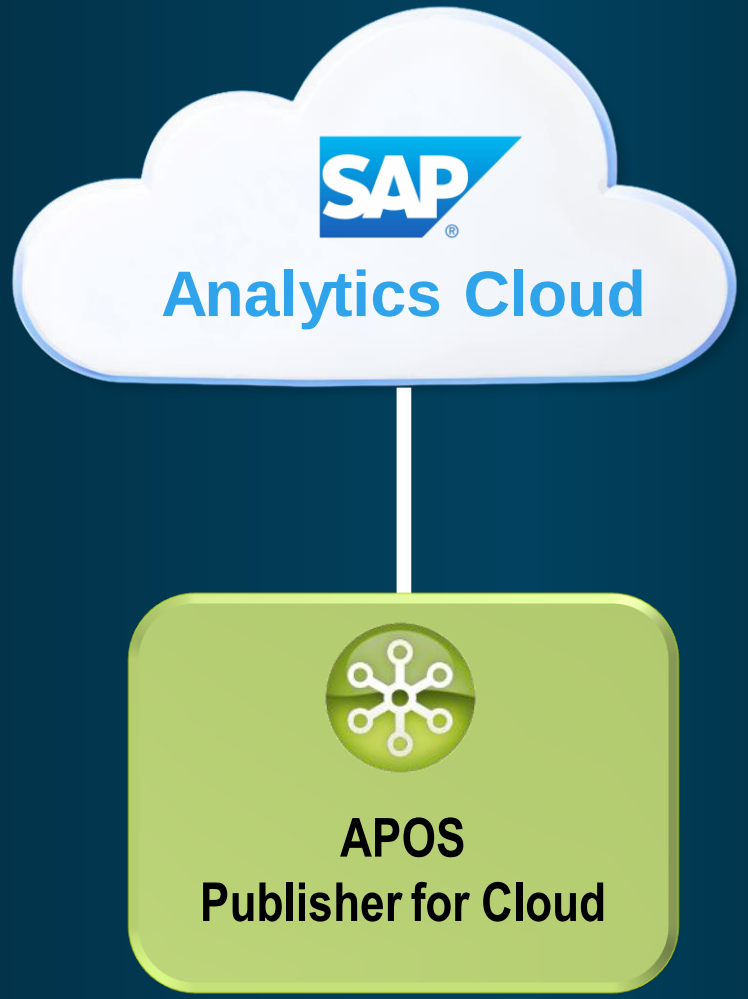
APOS Publisher for Cloud

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.

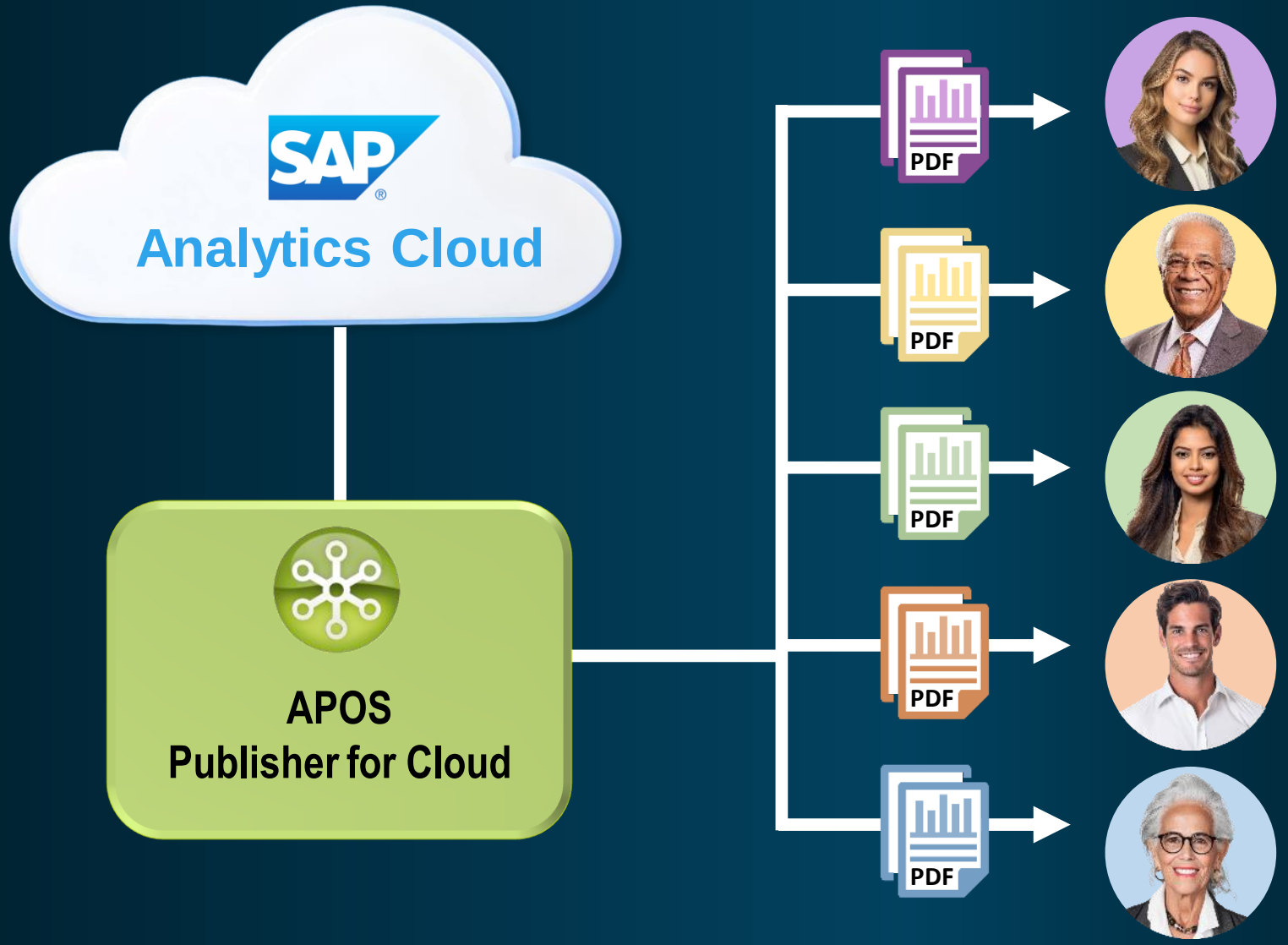
“Broadcasting” “Bursting”

APOS Publisher for Cloud



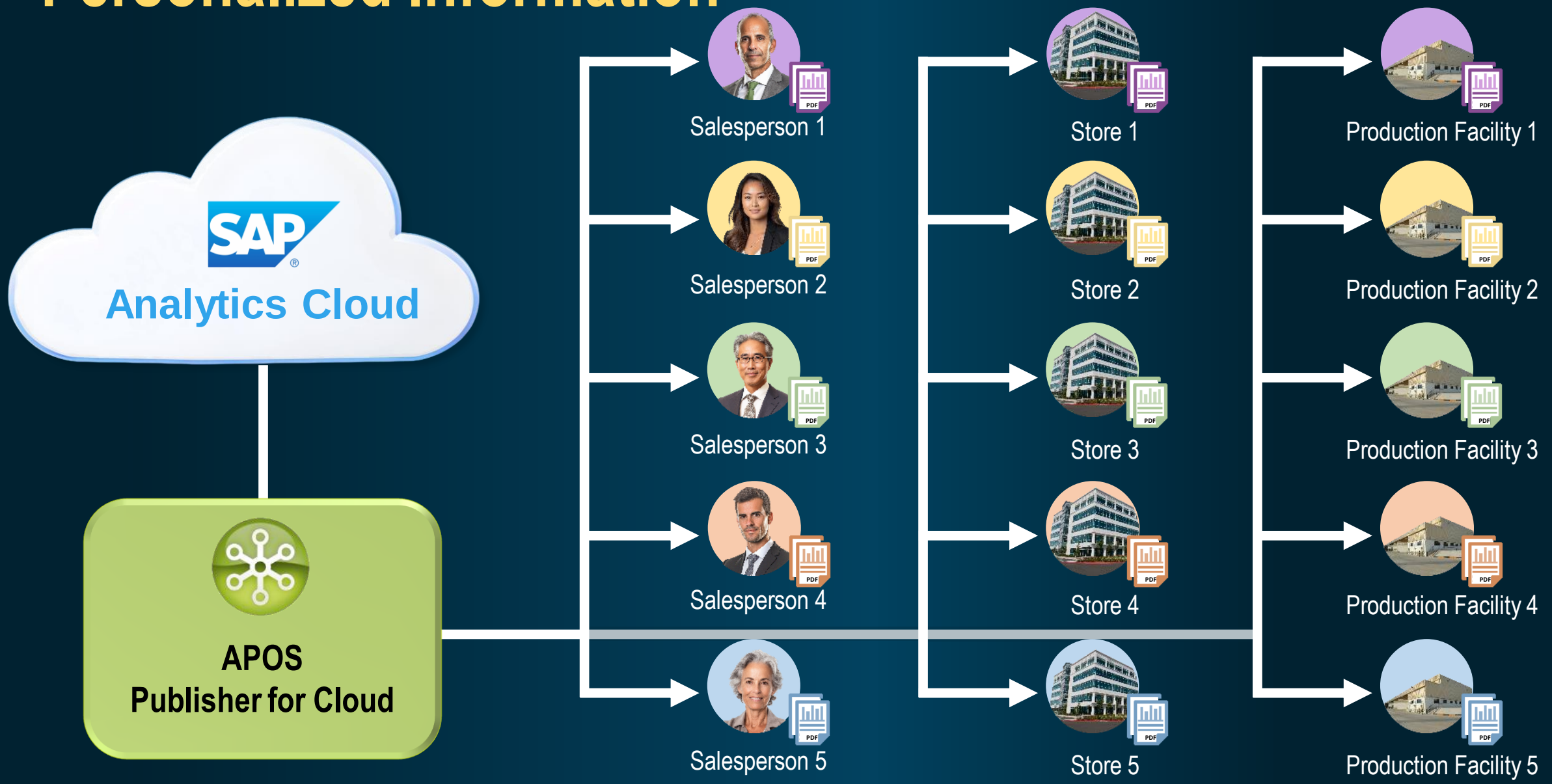
APOS

Personalized Information



APOS

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

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

APOS

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

APOS

SAP Analytics Cloud Bursting and Distribution

APOS

Alan Golding
Solution Consulting Manager
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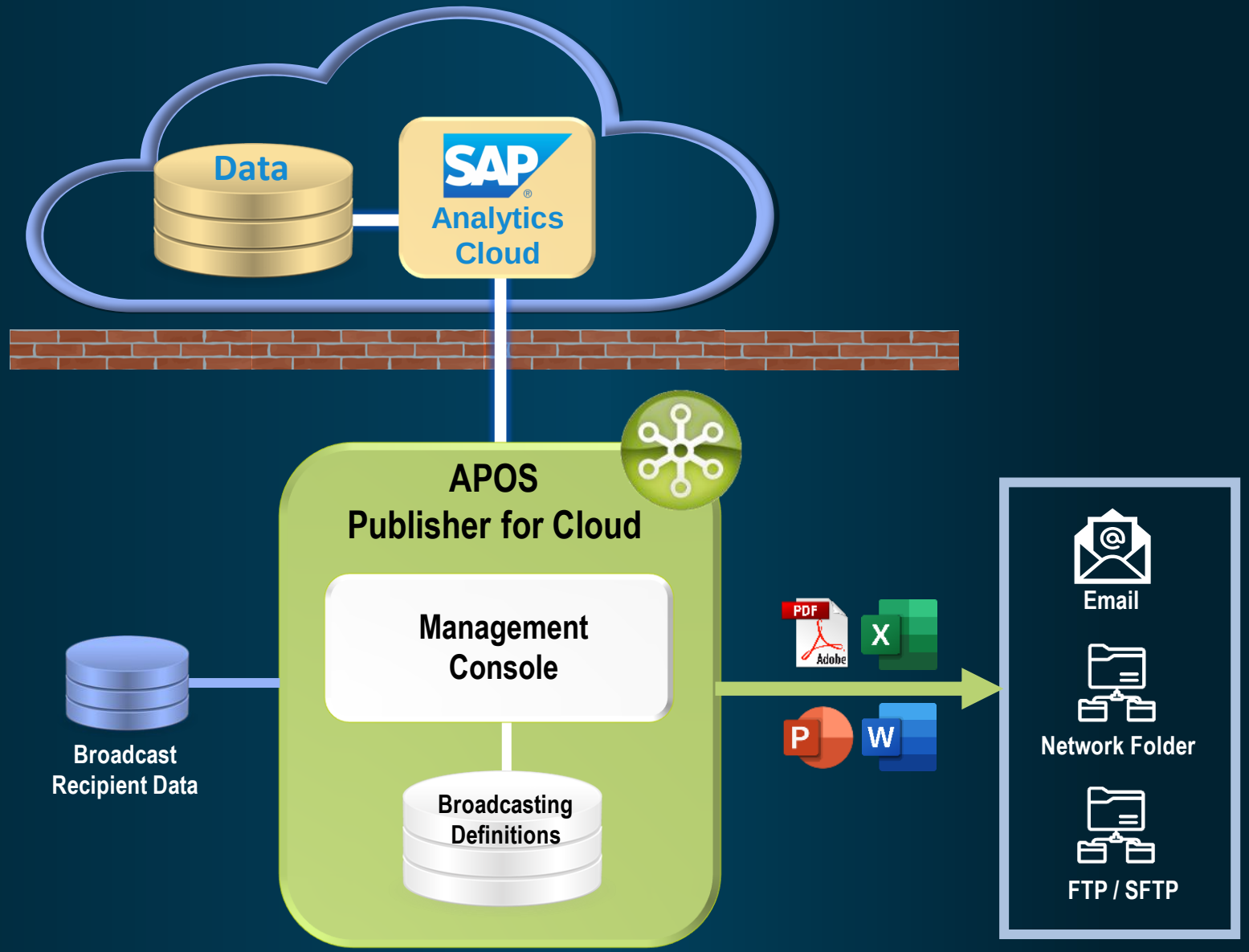
APOS Publisher for Cloud



APOS

Key Steps to Report Broadcasting

APOS

Publisher for Cloud Roles

System Administrator

- Publisher for Cloud Configuration

1

APOS P4C Administrator Application (Windows)

Broadcast Creators

- Select SAC Content
- Create Bursting Definition

2 3

APOS Broadcasting Application (Windows)

Broadcast Scheduler

- Schedule Bursting Definitions

4

APOS Web Scheduling UI (Web Browser)

Information Recipients

- Reports Delivered & Consumed

5

No APOS Software Required

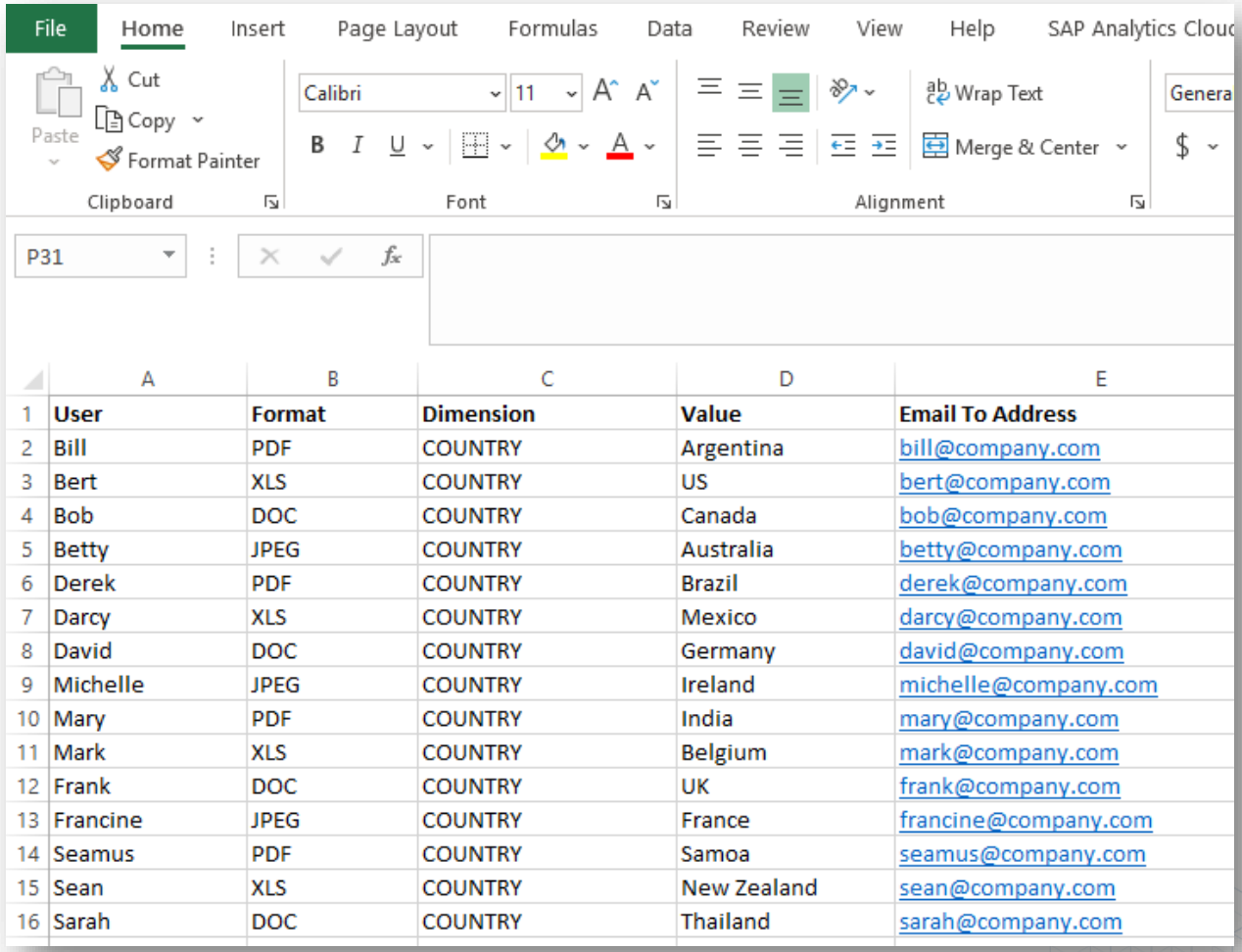
Core Broadcasting Functions

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

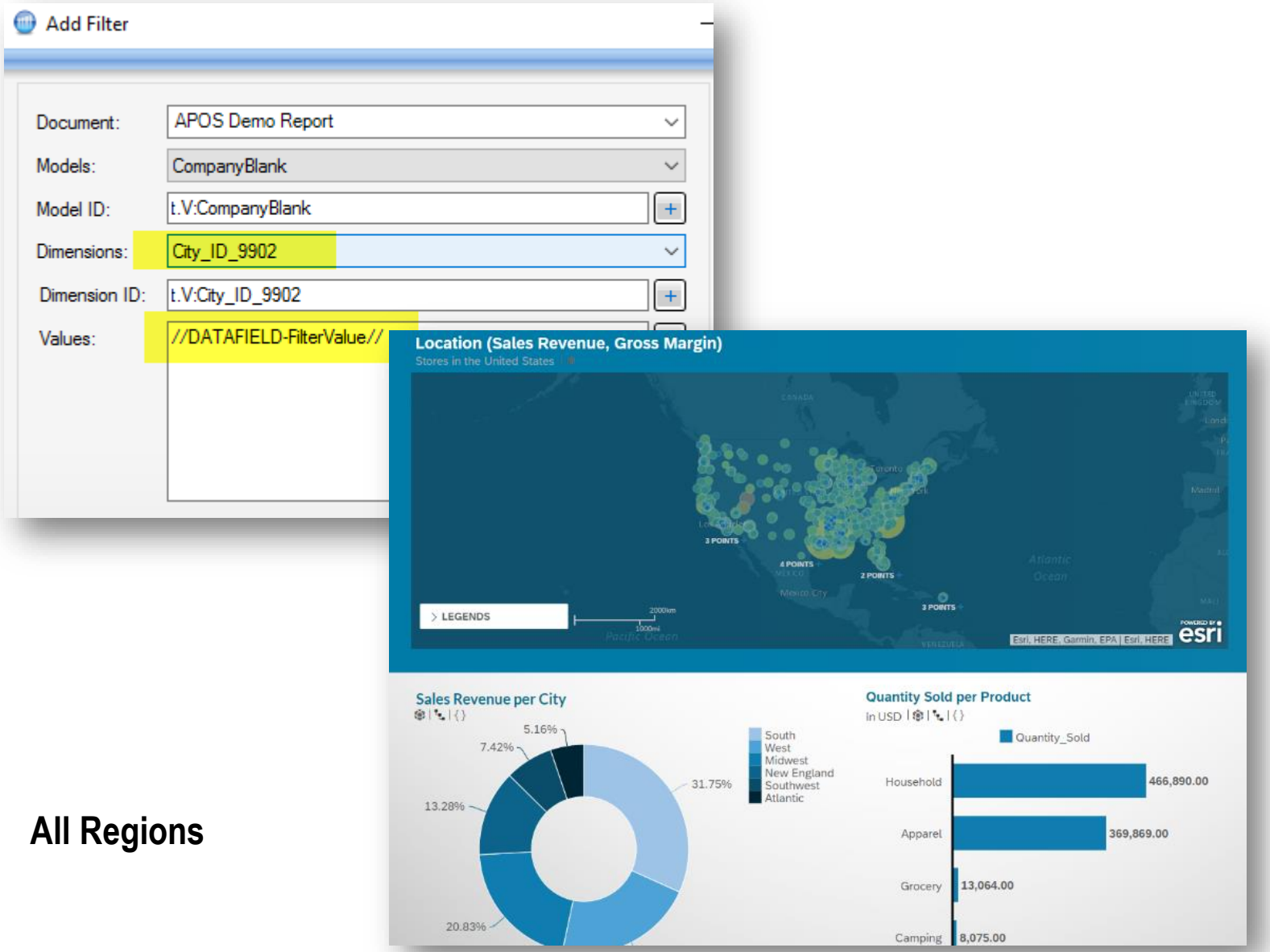
APOS Publisher for Cloud

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



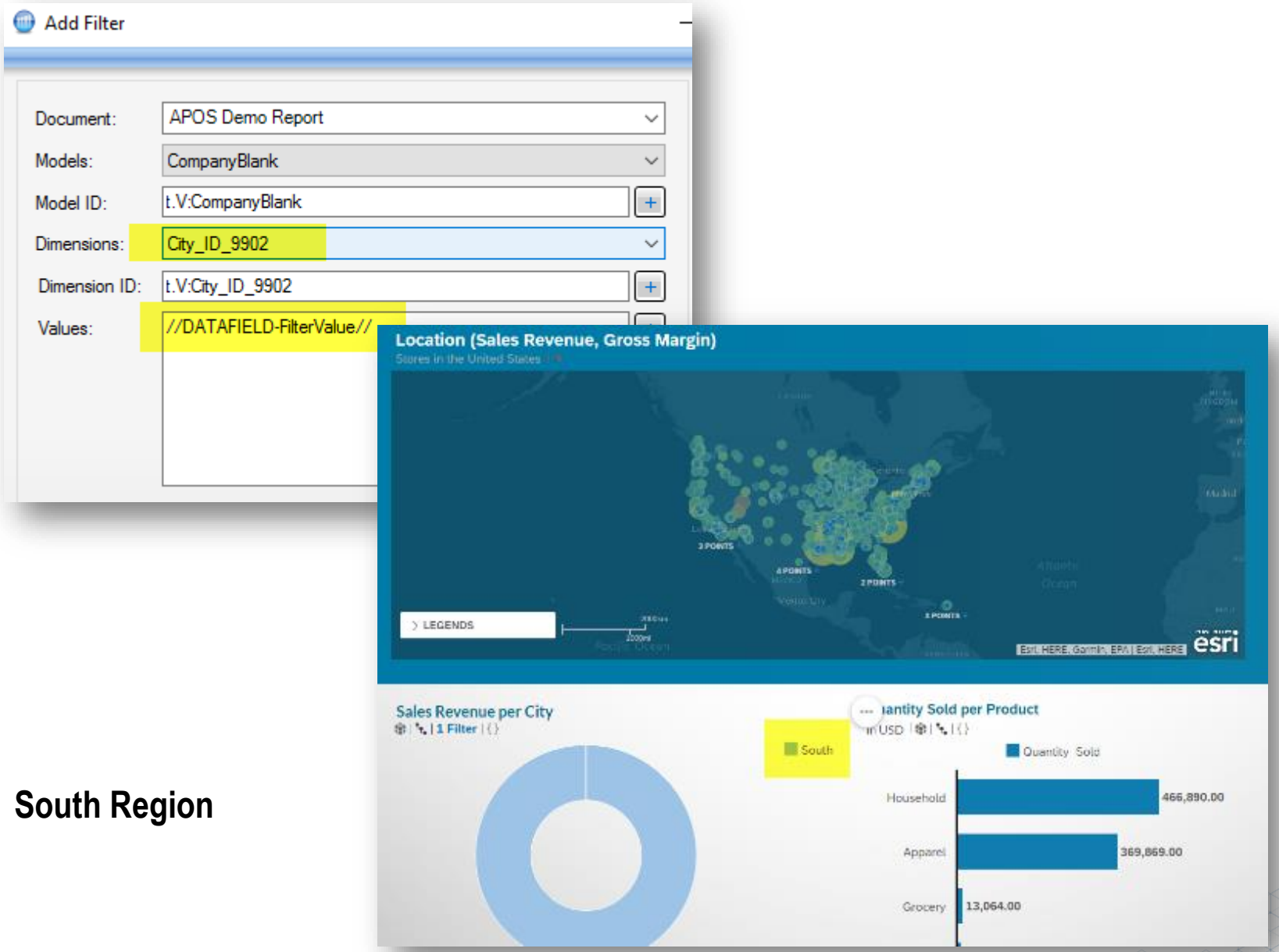
	A	B	C	D	E
1	**User**	**Format**	**Dimension**	**Value**	**Email To Address**
2	Bill	PDF	COUNTRY	Argentina	bill@company.com
3	Bert	XLS	COUNTRY	US	bert@company.com
4	Bob	DOC	COUNTRY	Canada	bob@company.com
5	Betty	JPEG	COUNTRY	Australia	betty@company.com
6	Derek	PDF	COUNTRY	Brazil	derek@company.com
7	Darcy	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



All Regions

Filters/ Variables

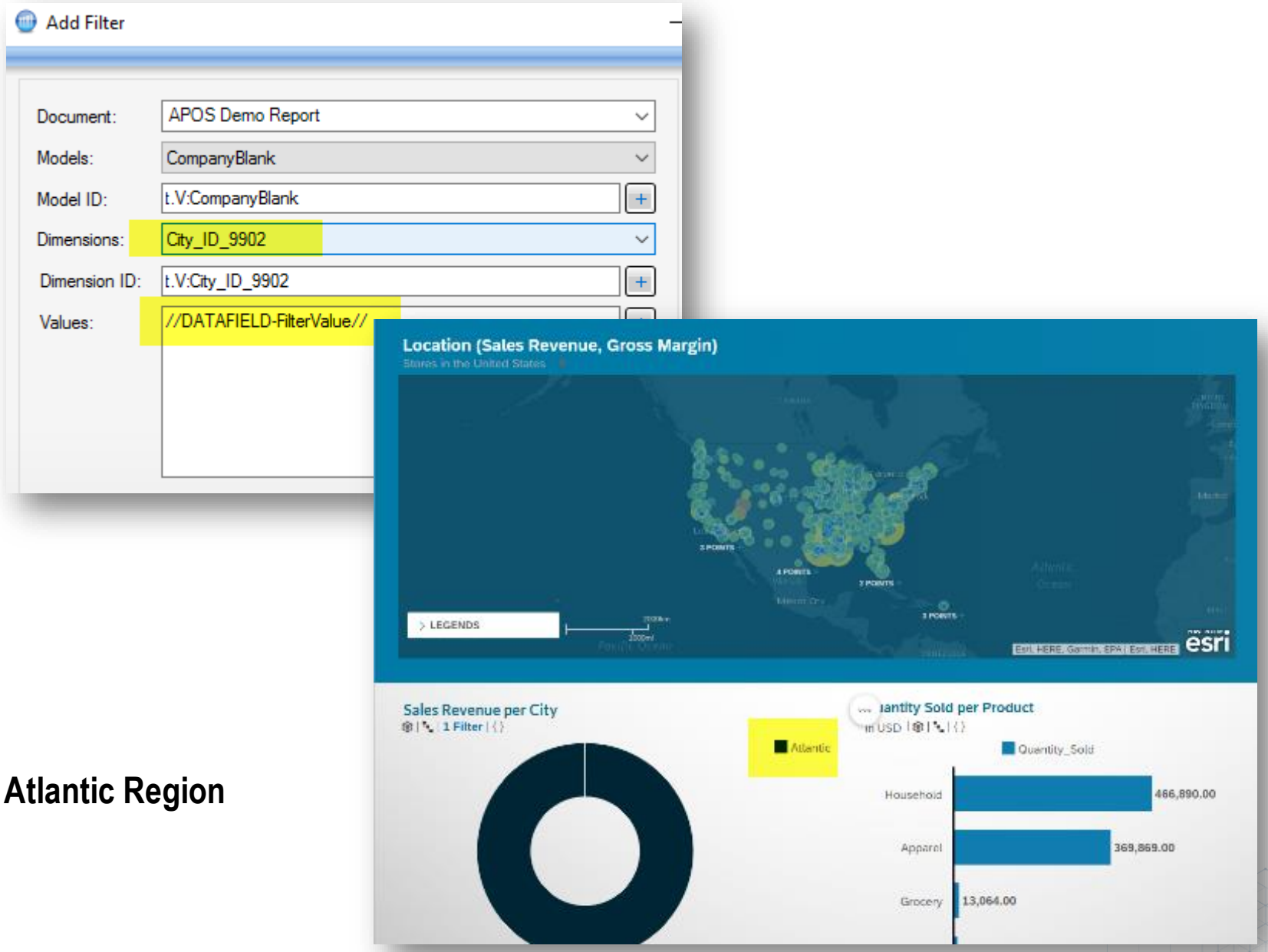
- Dynamically add filter and variable values
- Create multiple versions of the same story with ease



South Region

Filters/ Variables

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



Atlantic Region

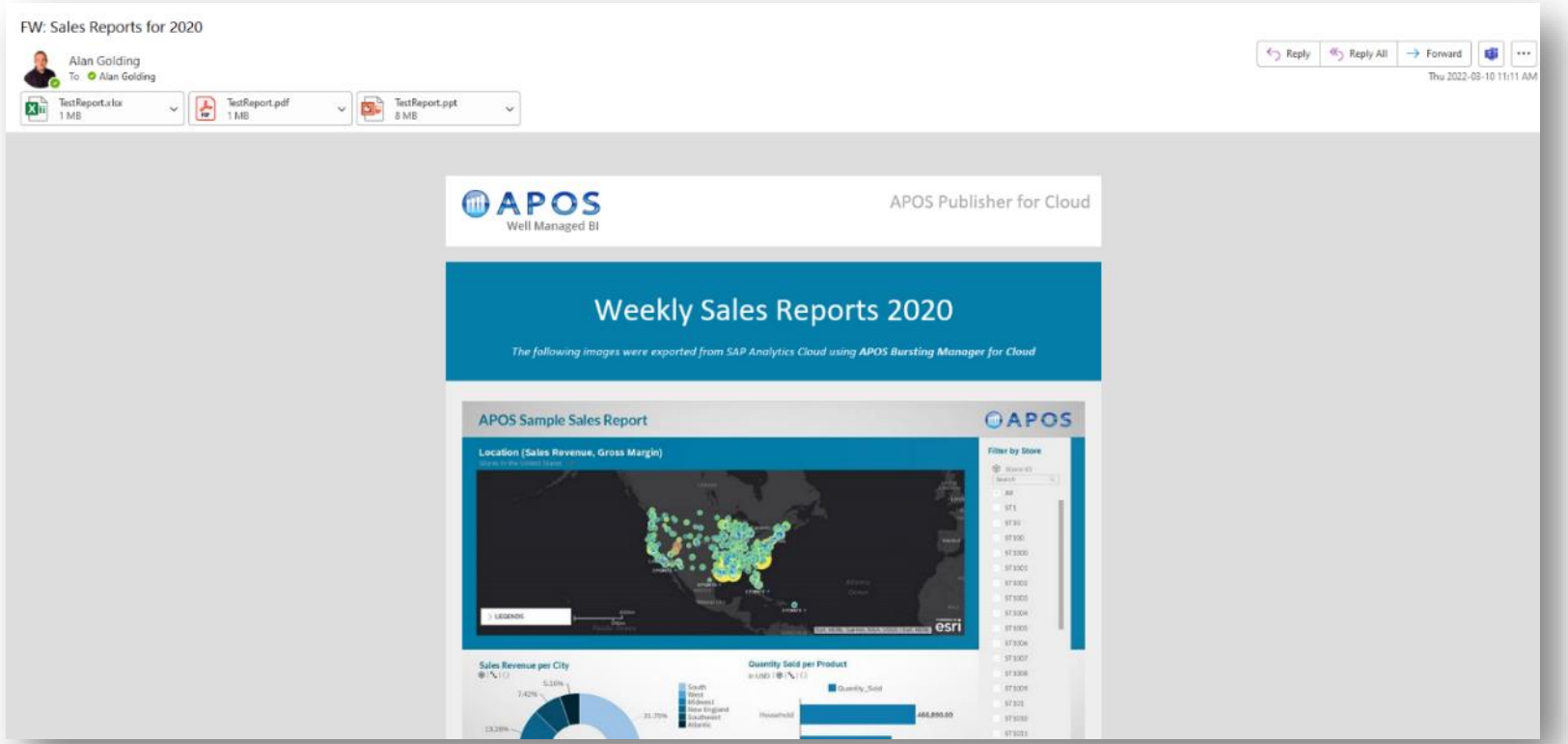
Filters/ Variables

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

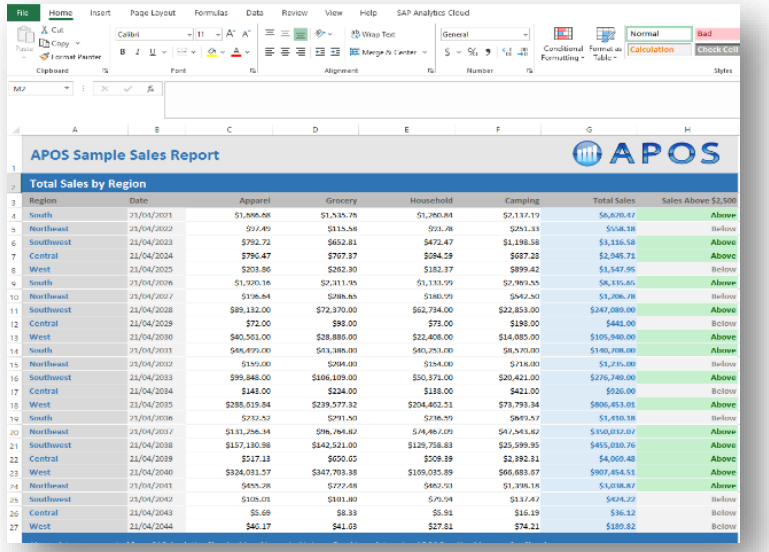
Destinations

Destinations available:

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

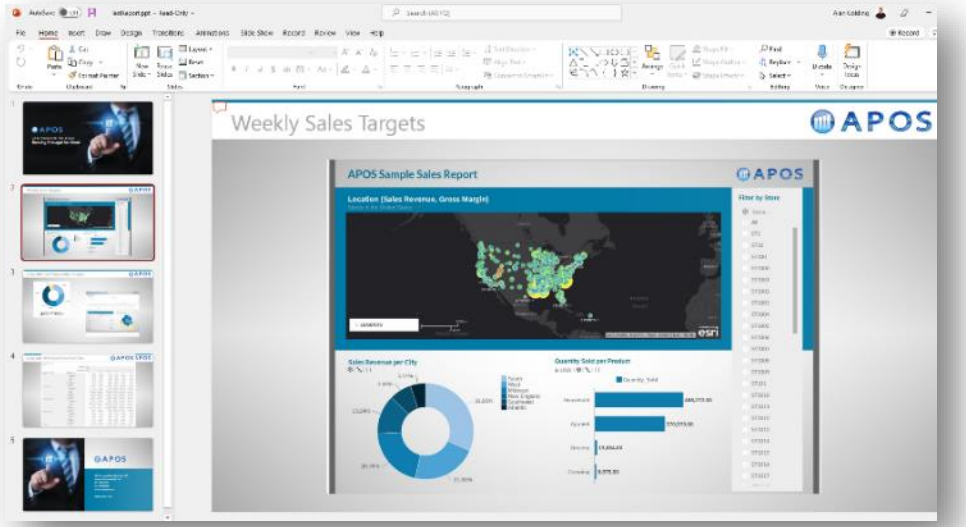


Excel with Raw Data



PDF

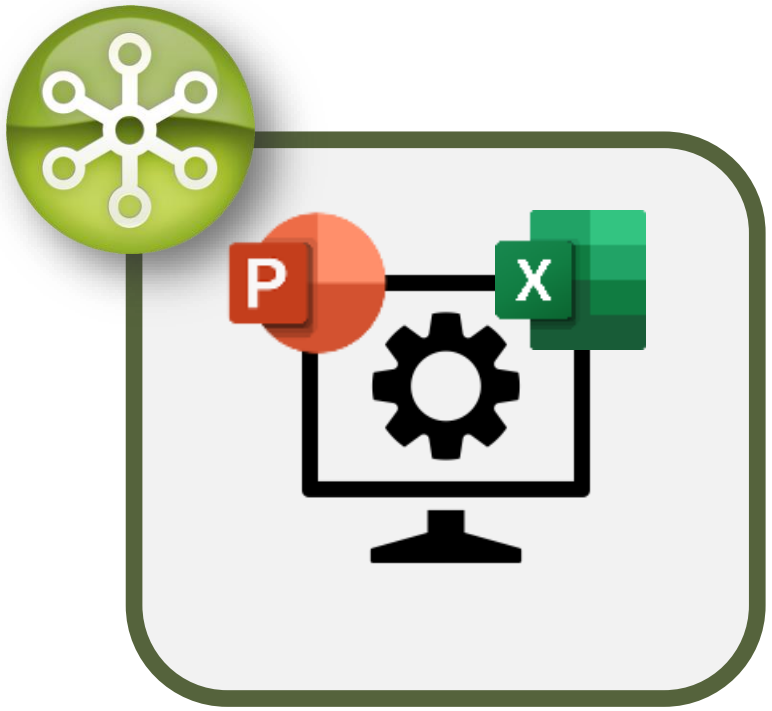
PowerPoint Presentation



Formats

Formats available:

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



Formats

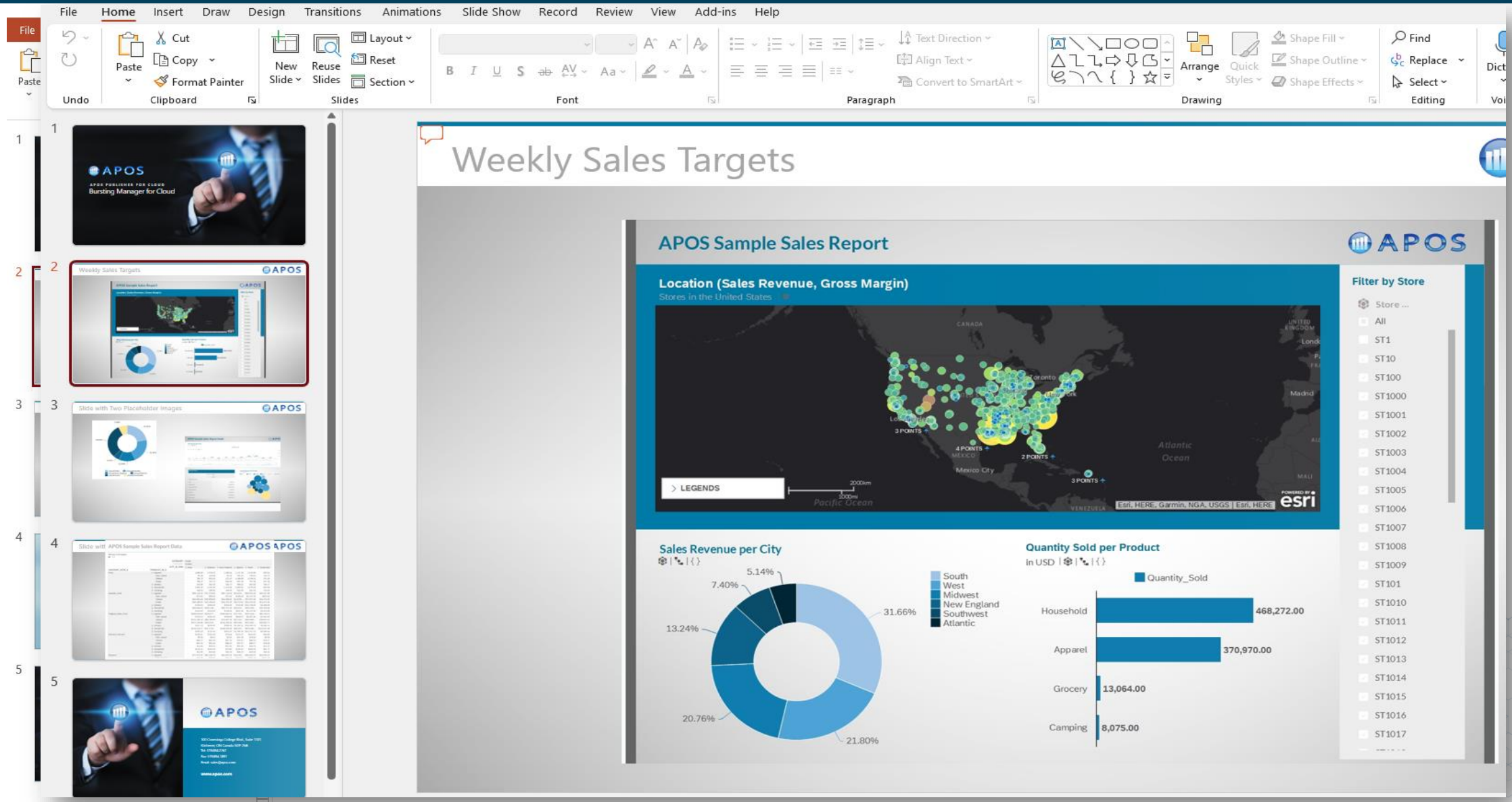
Templates – XLS & PPT

Benefits of using templates:

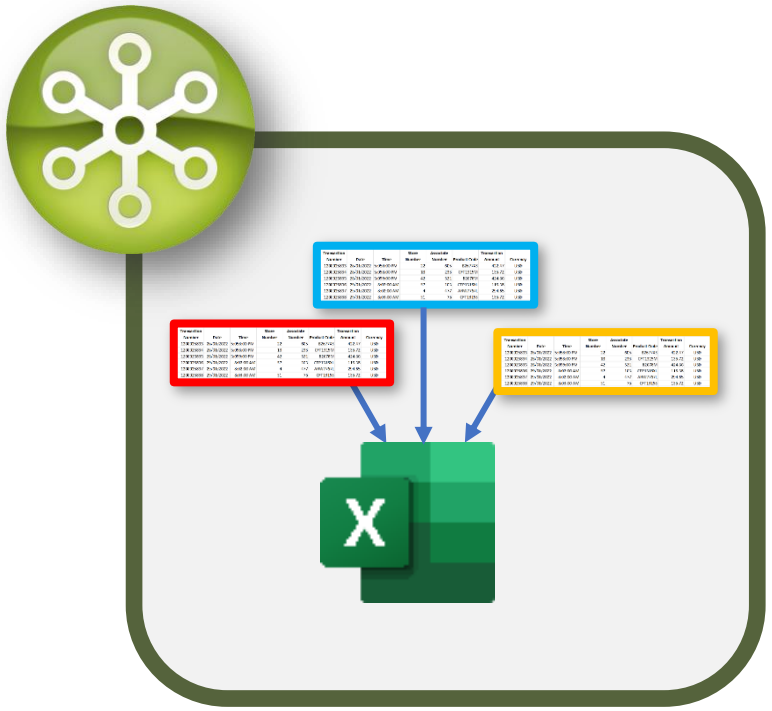
- Customized and polished finish to your content
- For Excel utilize
    - Conditionally formatted columns
    - Excel formulas
    - Custom formatting
    - Macros
- For PowerPoint utilize
    - Targeted slide placement
    - Custom formatting
    - Collaboration
    - Stream excel table into slide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

Formats

Templates – XLS & PPT



Formats



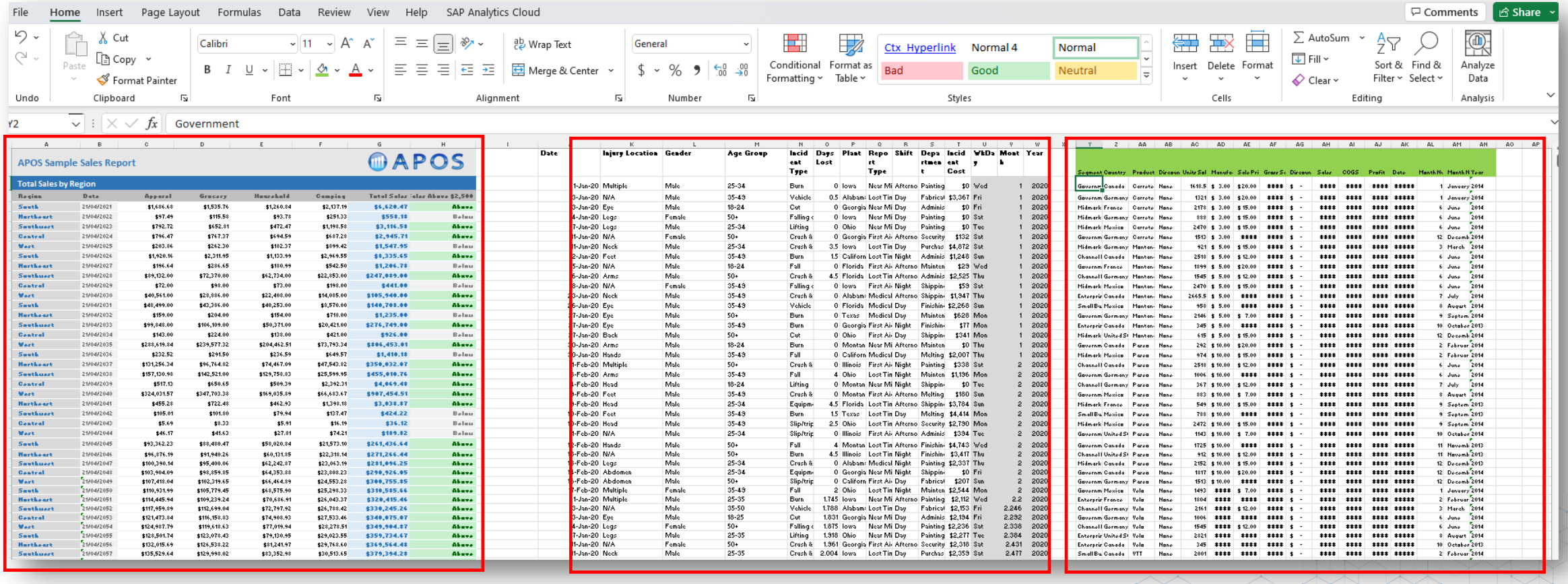
Grid/Table Excel Consolidation

- 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

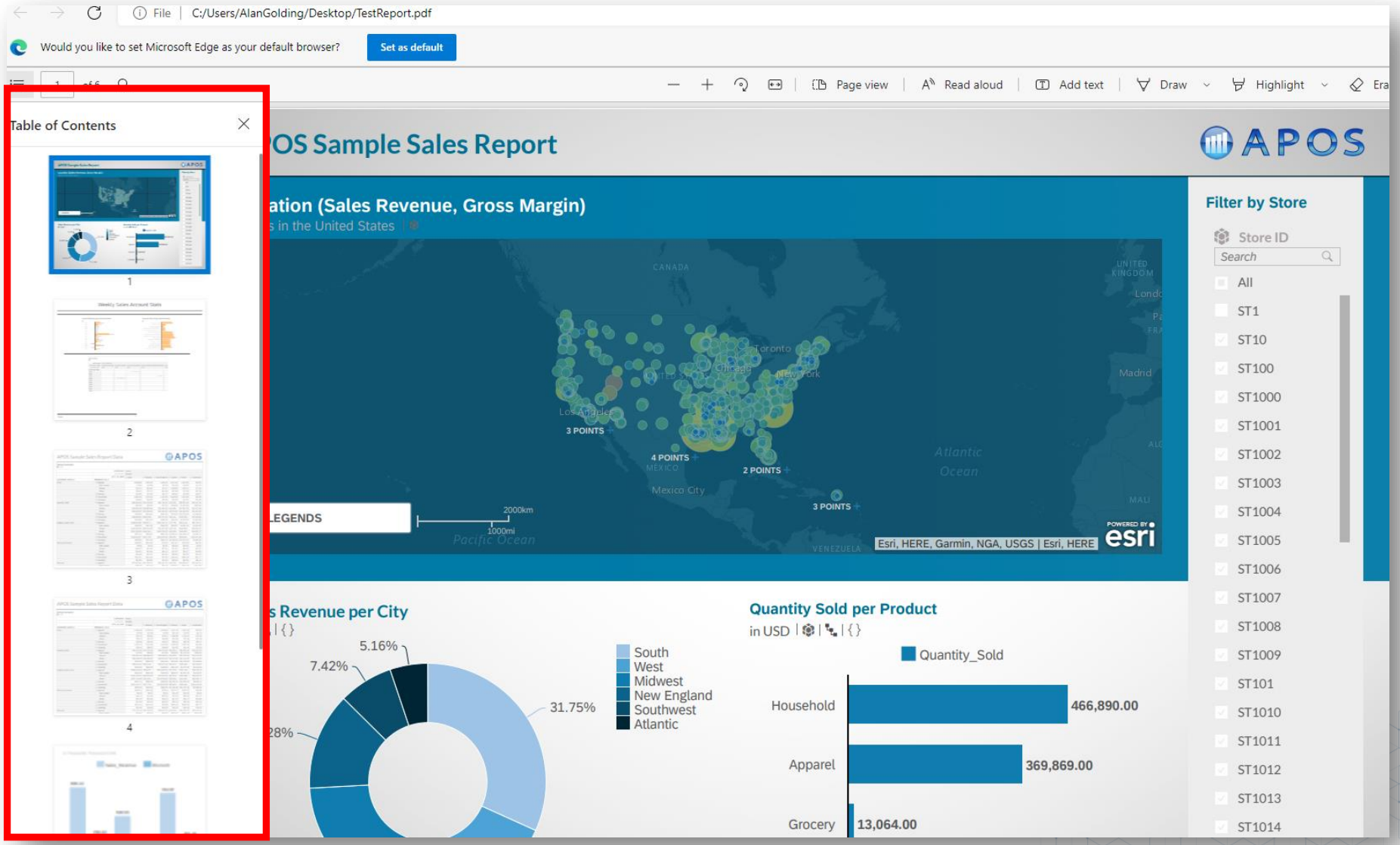
Grid/Table Excel Consolidation

Consolidate multiple tables/grids into a single Excel worksheet



Report Consolidation

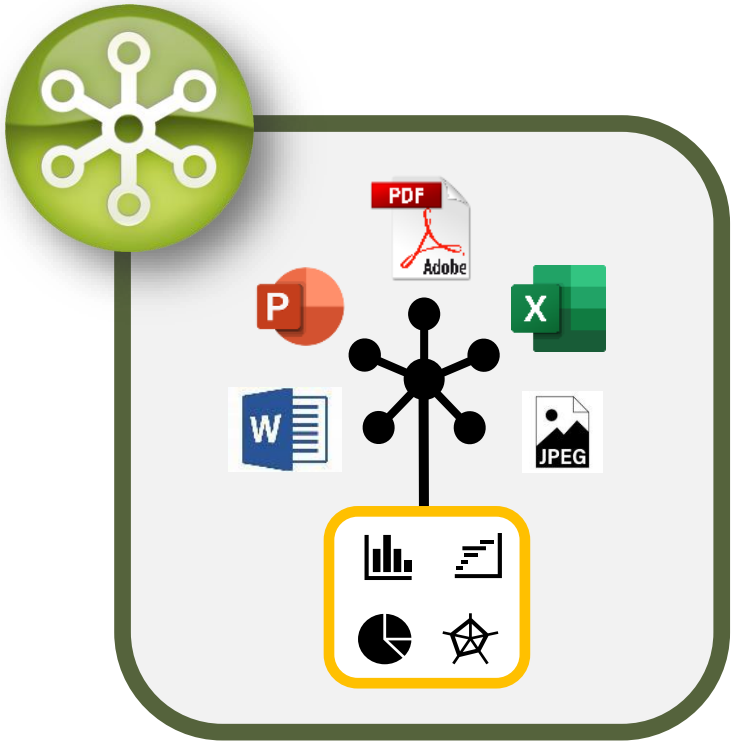
- Consolidate multiple stories/pages to single email/document
- Minimize the amount of emails a given user receives
- Summarize all reports into one email/document



Core Broadcasting Functions

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

APOS Publisher for Cloud

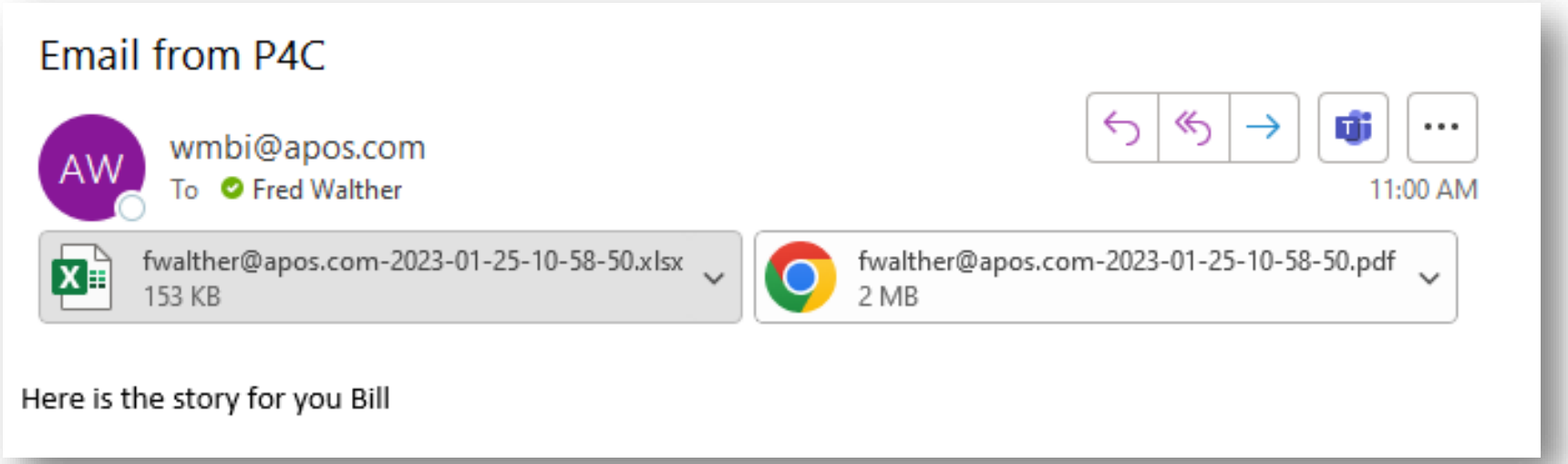


Export Options

Multiple Export Options

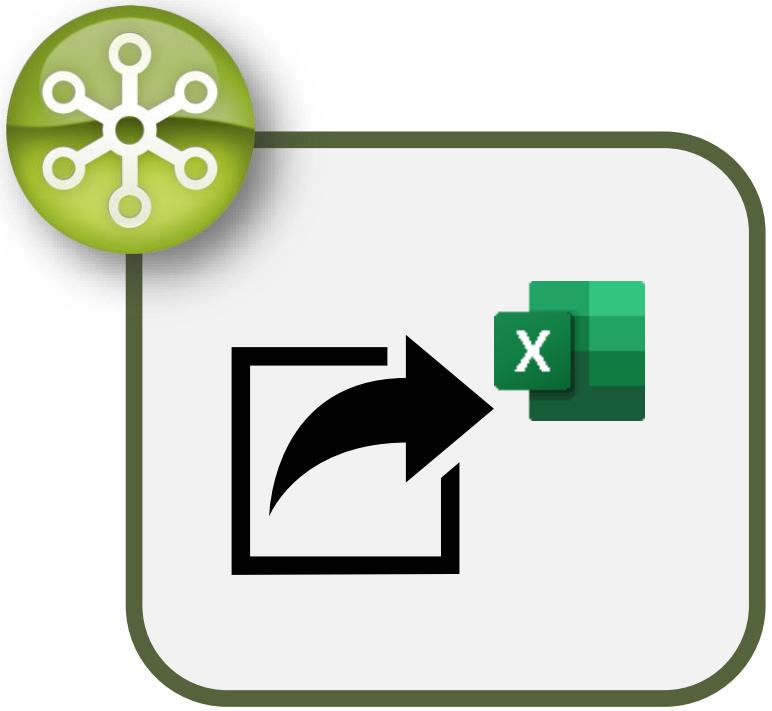
- All popular output formats are available
- Multiple formats can be created by a single bursting definition

Export Options



Multiple Export Options

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

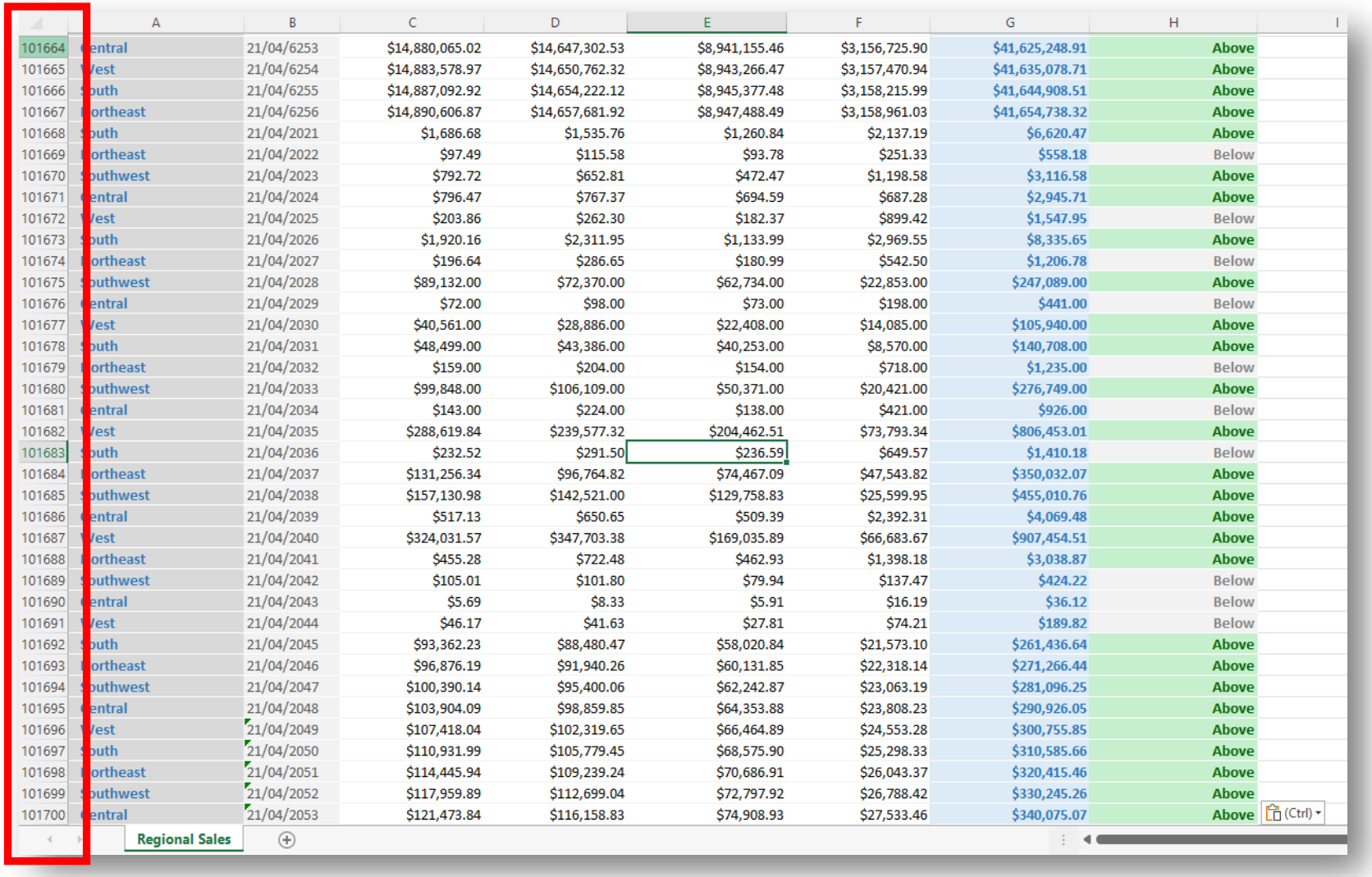


Export Options

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



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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	

Regional Sales

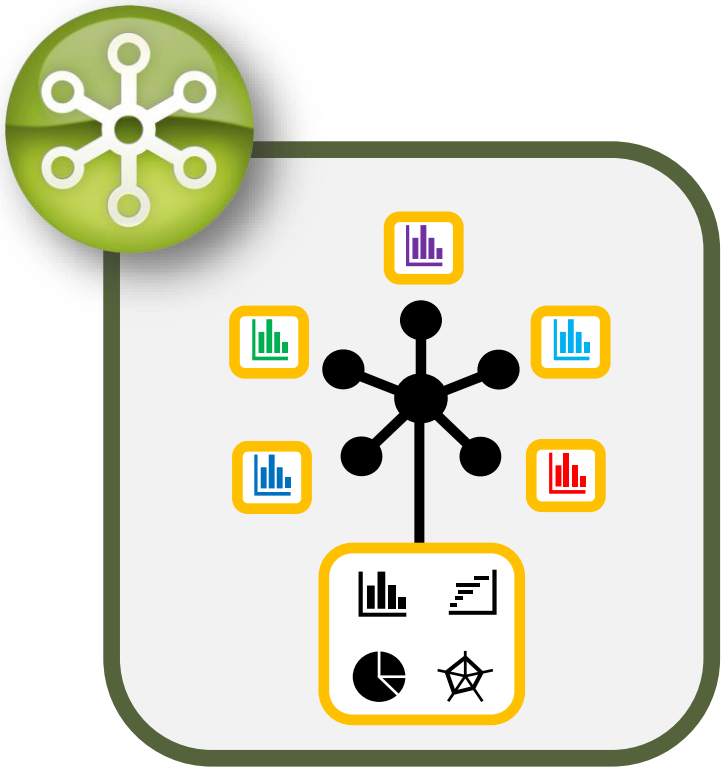
High Volume Export

- High volume data export
- High performance when exporting

Widget Level Bursting

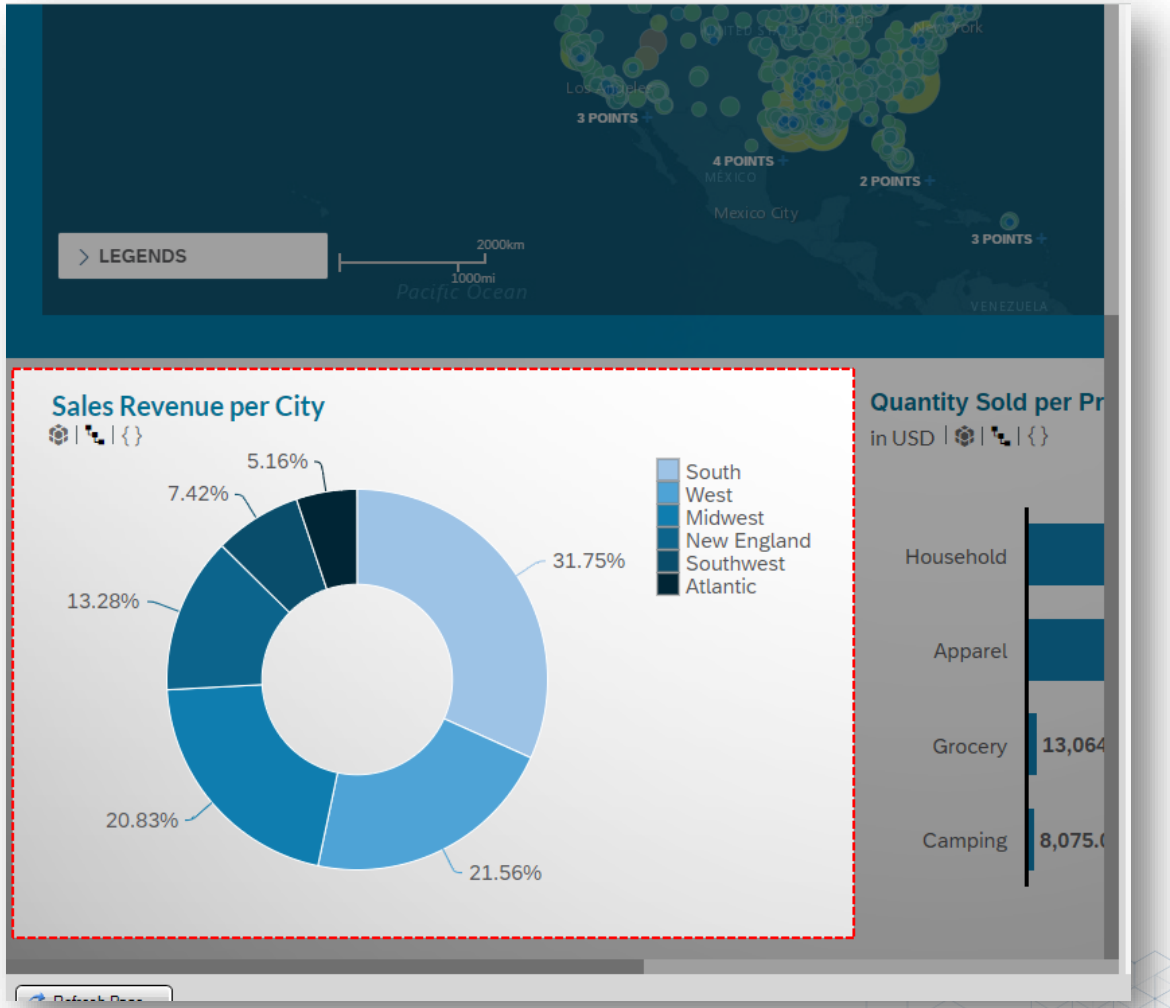
- Selective burst of only components of a report
- Define which widget from which report page
- Only that widget gets sent to recipients

- 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



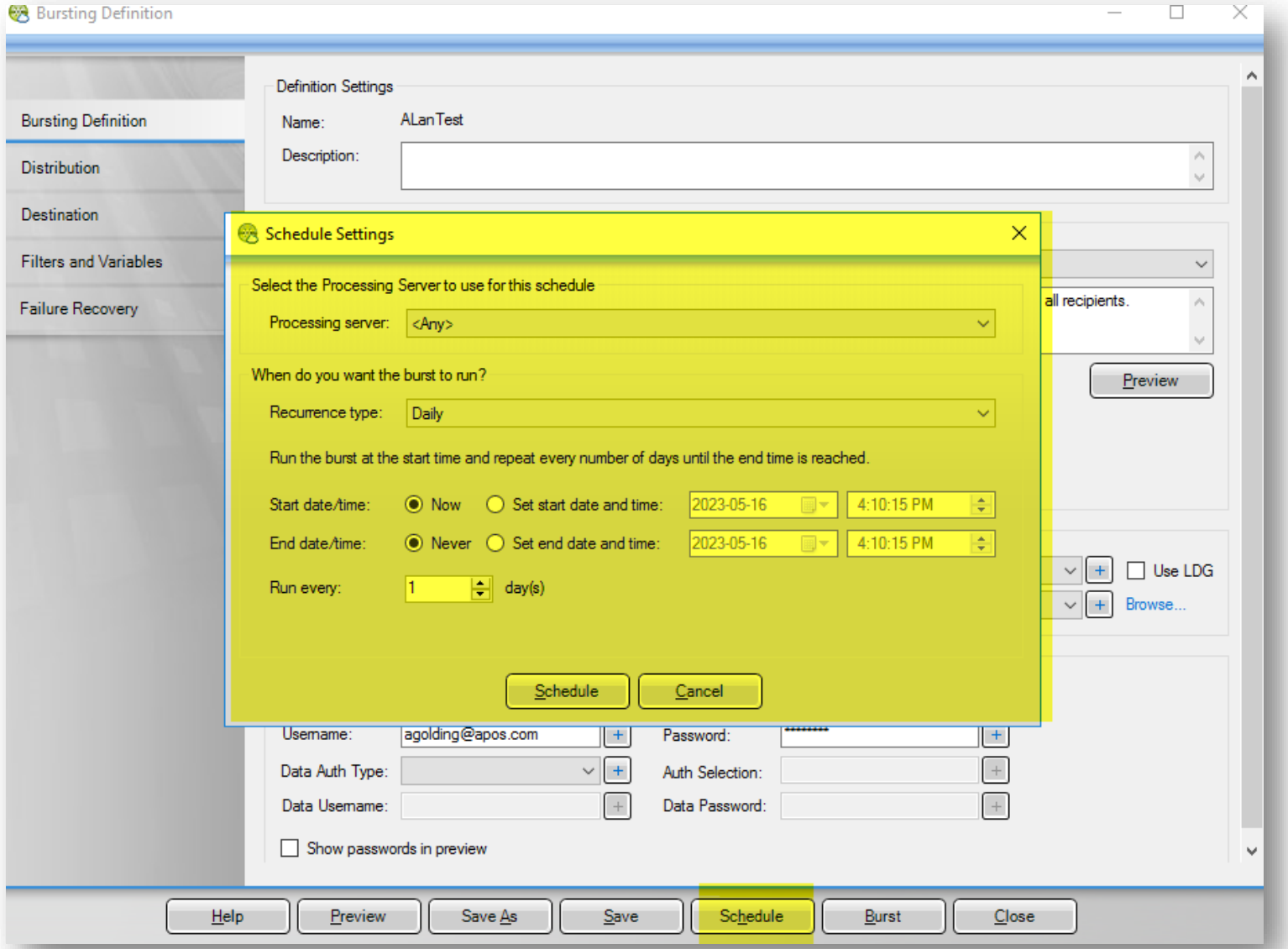
Enterprise Scheduling

Integrated Schedule Creation

- Built in scheduling ability right from the Bursting Definition screen

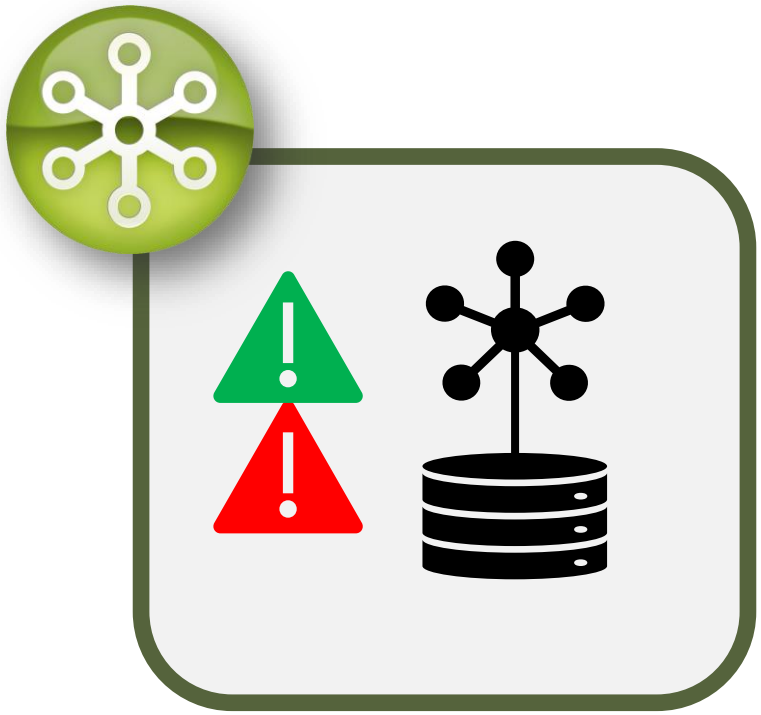
- Schedule
  - Hourly
  - Daily
  - Weekly
  - Monthly

Enterprise Scheduling



Integrated Schedule Creation

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



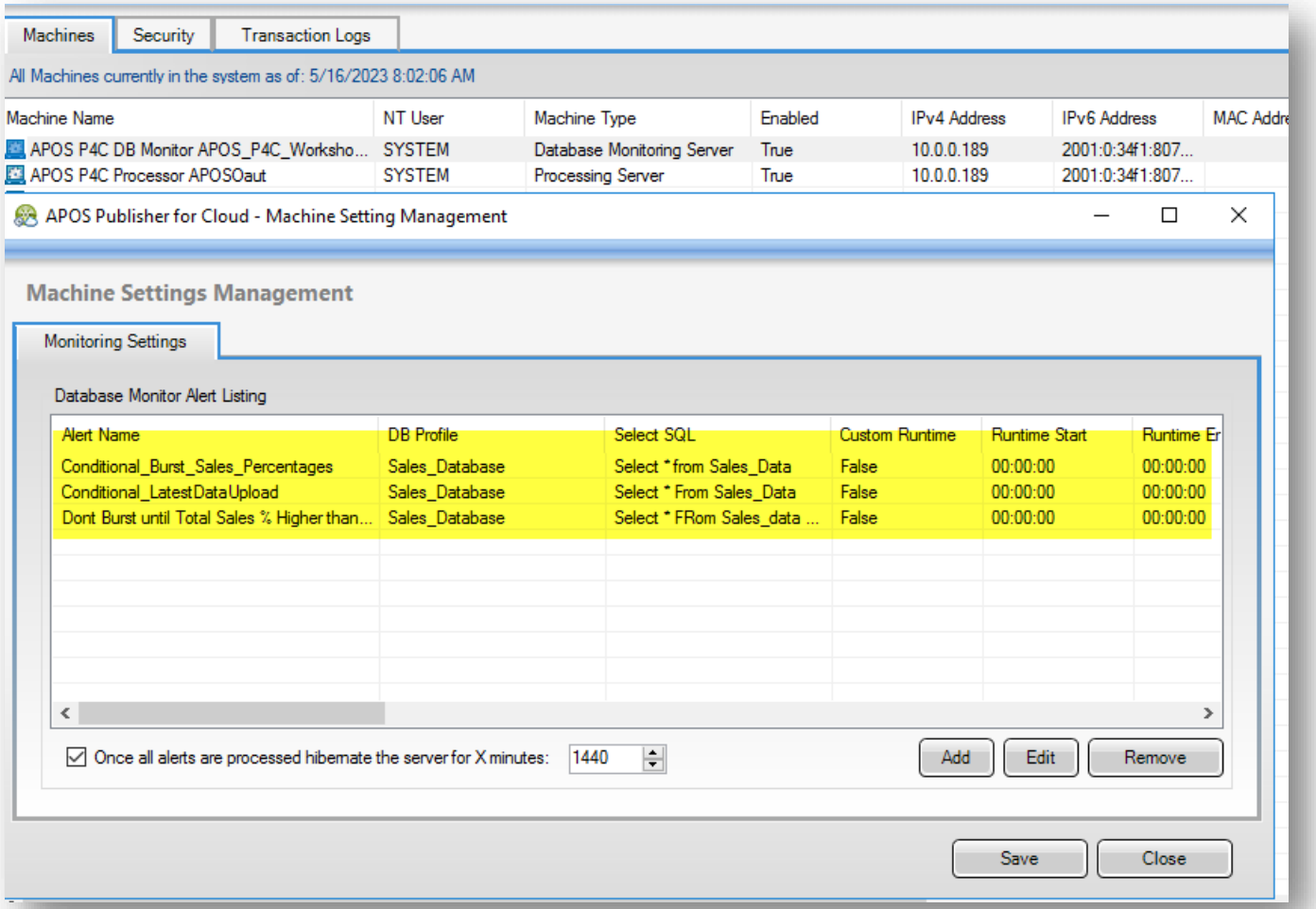
Enterprise Scheduling

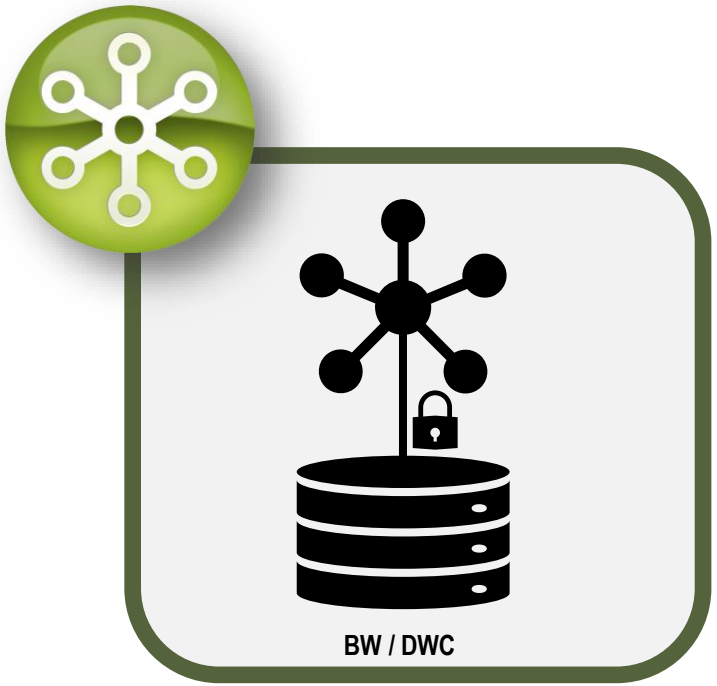
Integrated Conditional Broadcasting

- 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





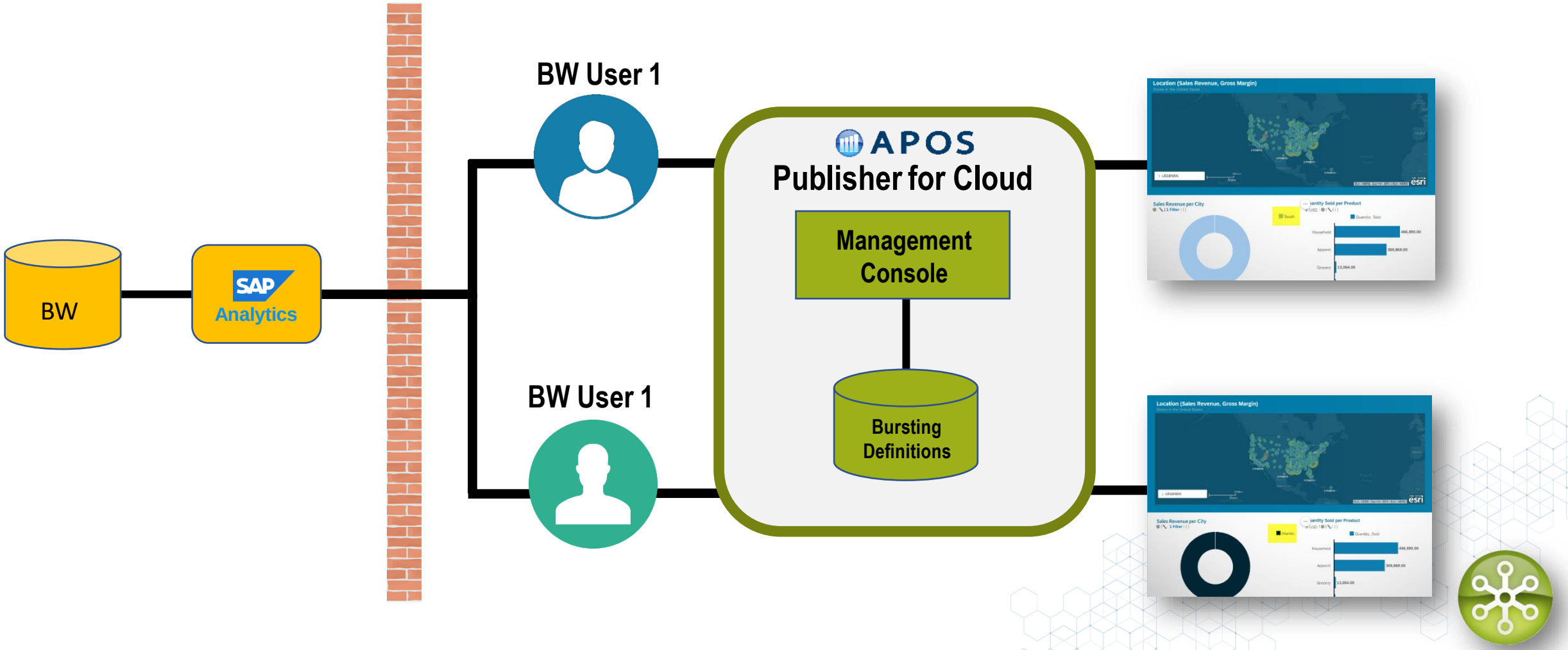
Enterprise Scheduling

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 view 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.

APOS

Solution Requirements:

On a scheduled and recurring basis:

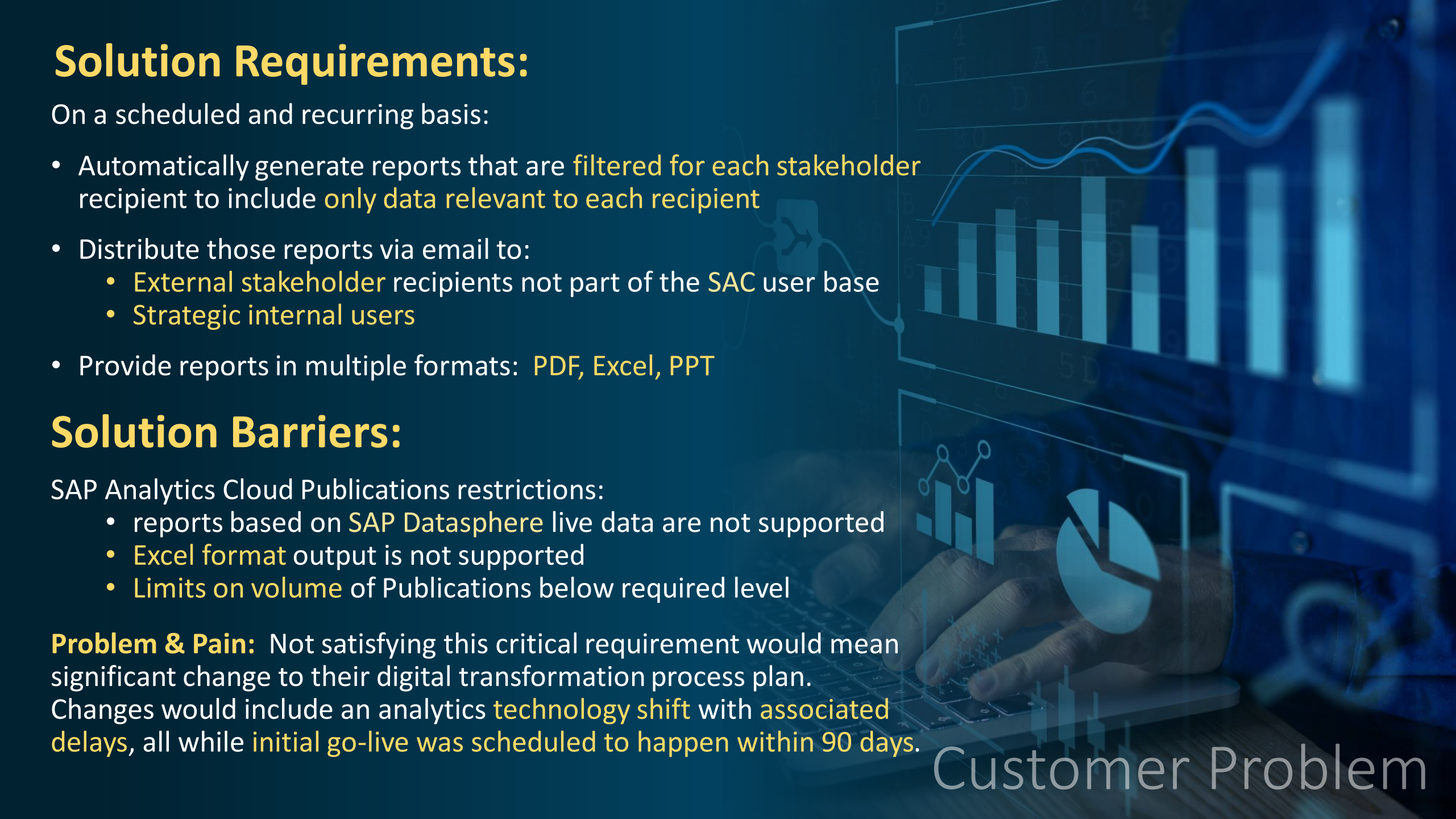
- Automatically generate reports that are filtered for each stakeholder recipient to include only data relevant to each recipient
- Distribute those reports via email to:
  - External stakeholder recipients not part of the SAC user base
  - Strategic internal users
- Provide reports in multiple formats: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

APOS

Publisher for Cloud Roles

System Administrator

Publisher for Cloud Configuration

1

Broadcast Creators

Select SAC Content

Create Bursting Definition

2 3

Broadcast Scheduler

Schedule Bursting Definitions

4

APOS Web Scheduling UI
(Web Browser)

Information Recipients

Reports Delivered & Consumed

5

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

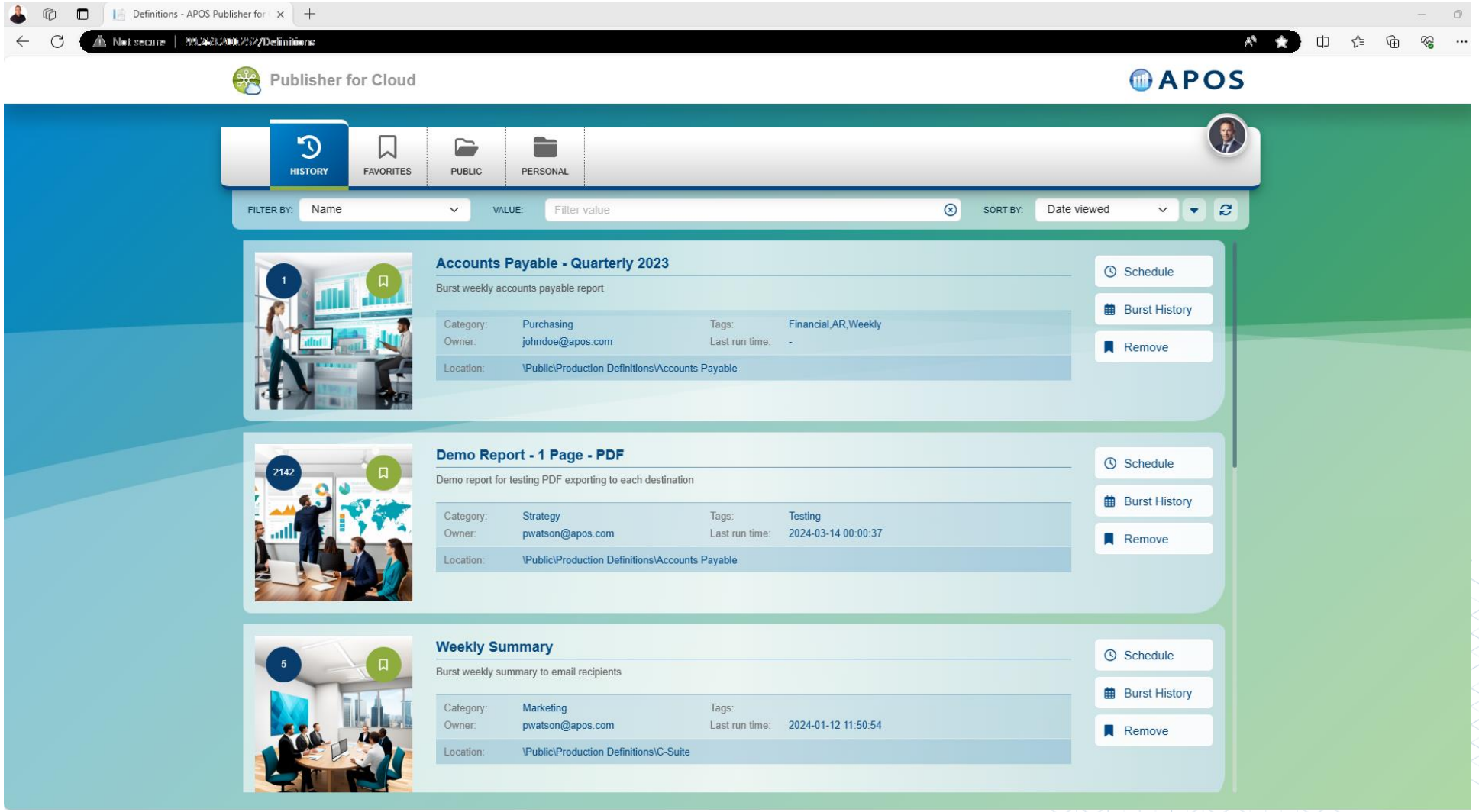
Web Scheduling UI

Ease of Use

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

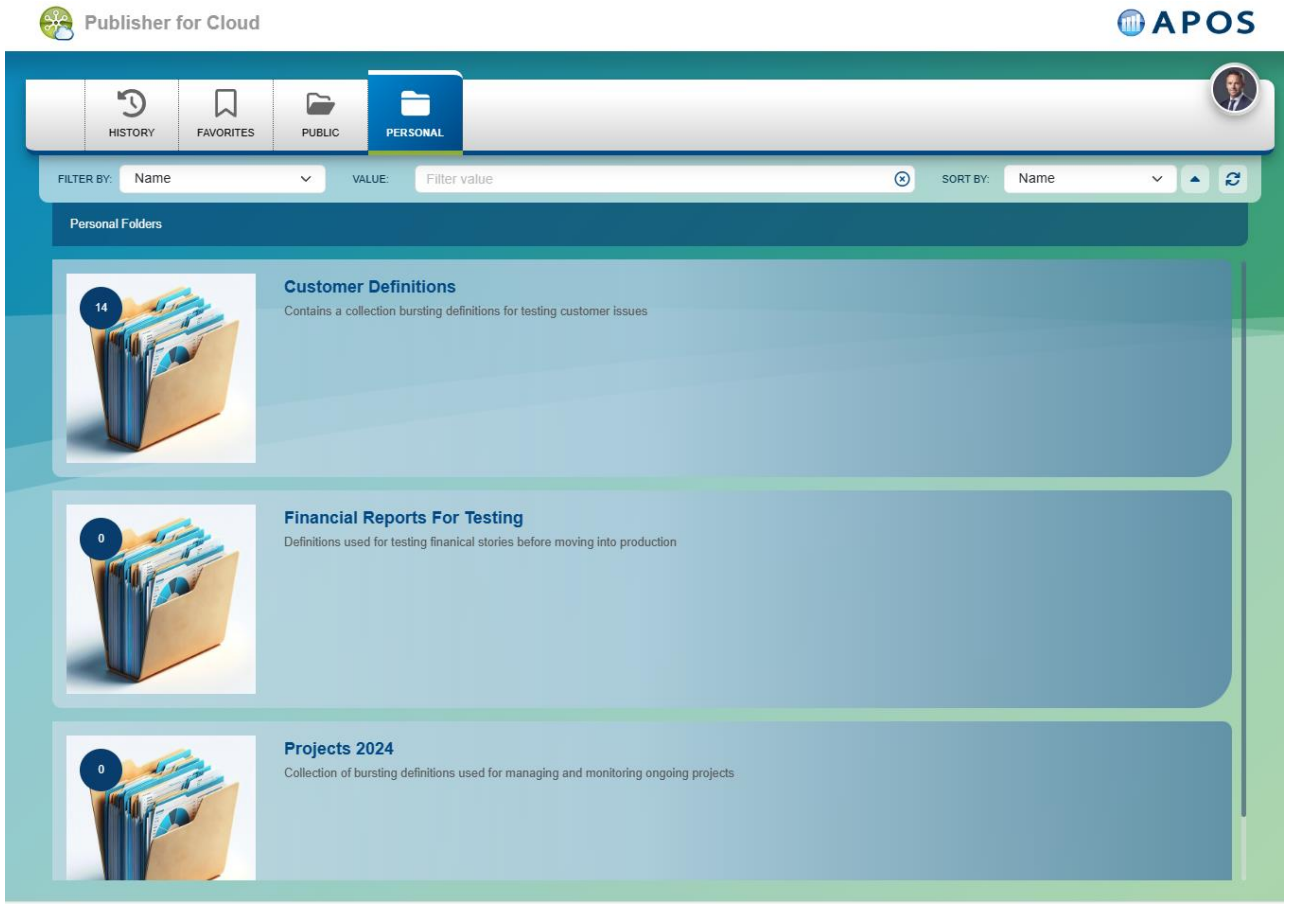
Web Scheduling UI

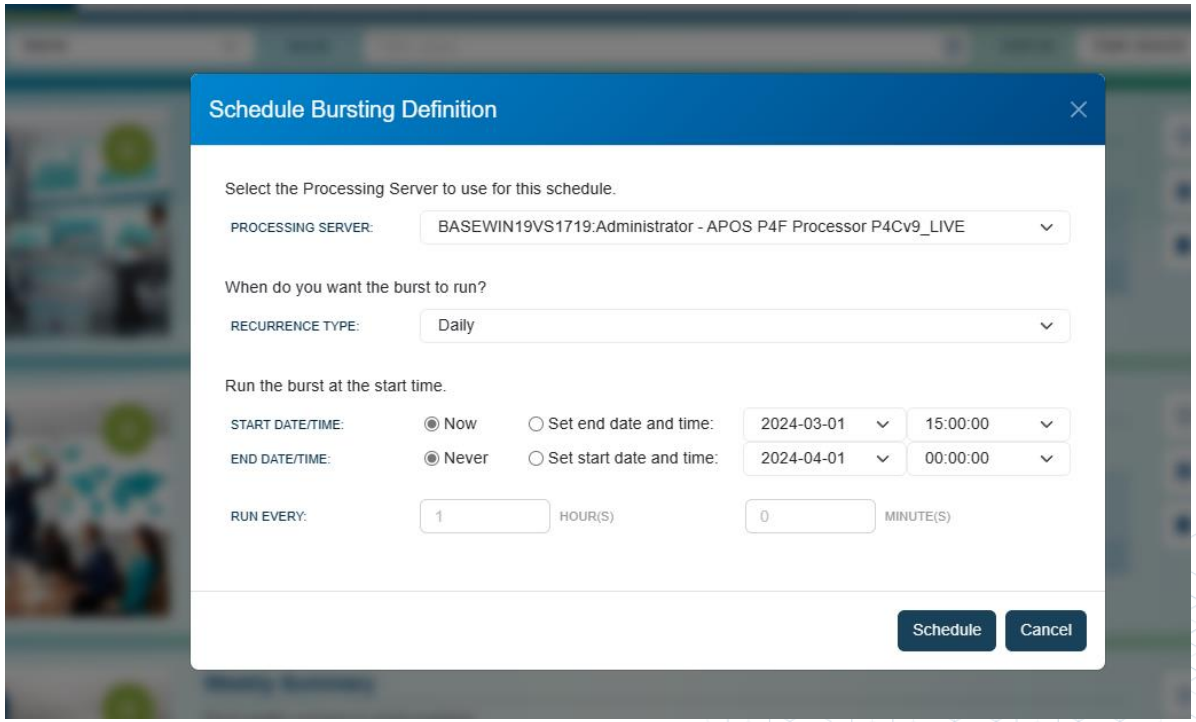
Simplified Deployment



Web Scheduling UI

Ease of Use





APOS Publisher for Cloud

Scheduling with Web UI Demonstration

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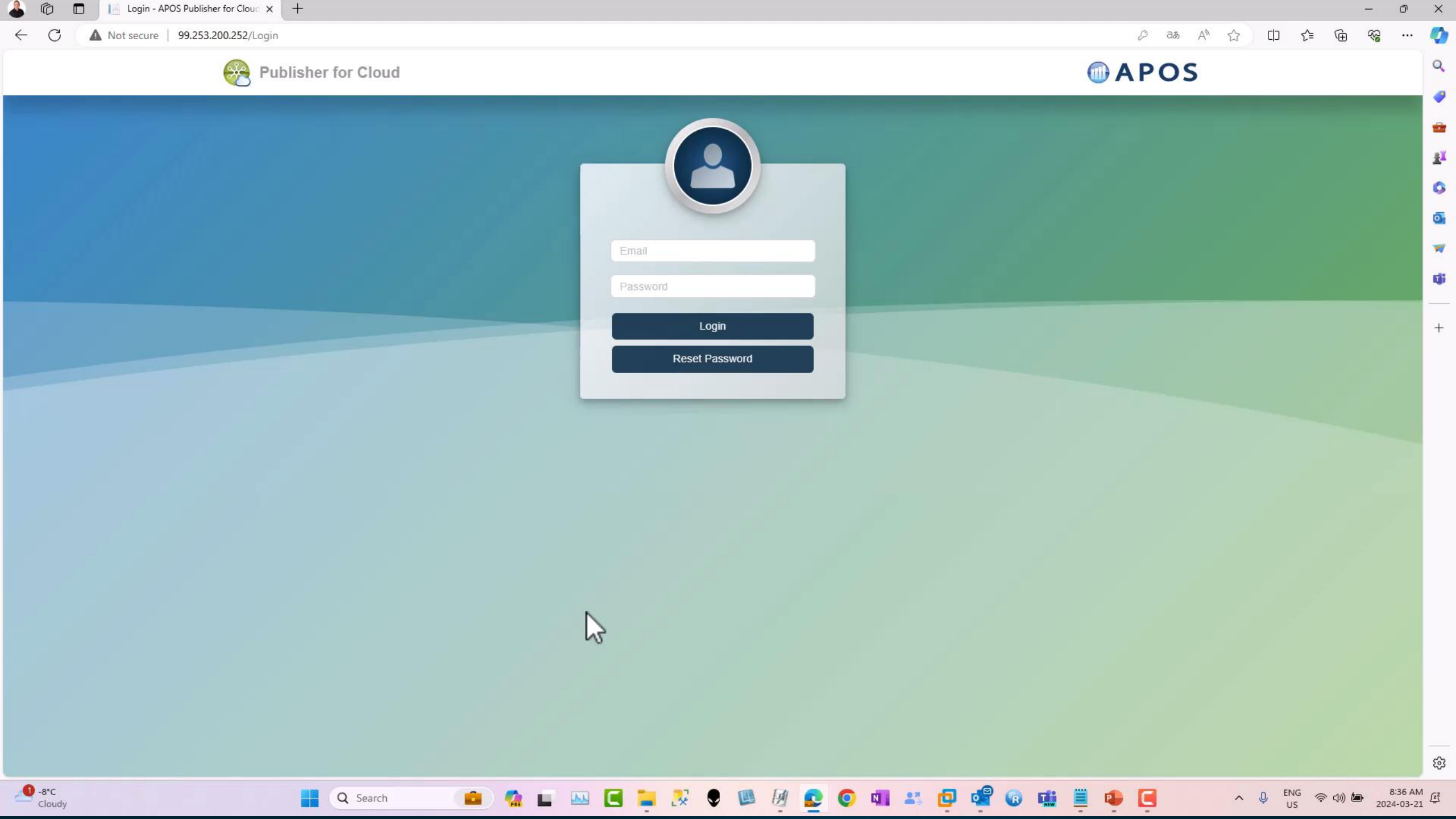

Login - APOS Publisher for Cloud
Not secure | 99.253.200.252/Login
Publisher for Cloud
APOS
Email
Password
Login
Reset Password
-8°C
Cloudy
Search
ENG
US
8:36 AM
2024-03-21

SAP Analysis for Office Support

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

Coming Soon!

APOS Publisher for Cloud

AO Report Broadcasting Progression

BW Platform

Version 7.5 and below

Reporting Solution

Business Explorer (BEx)

Broadcasting Solution

BEx Broadcaster

AO Report Broadcasting Progression

BW Platform

Reporting Solution

Broadcasting Solution

Business Explorer (BEx)

BEx Broadcaster

Analysis for Office

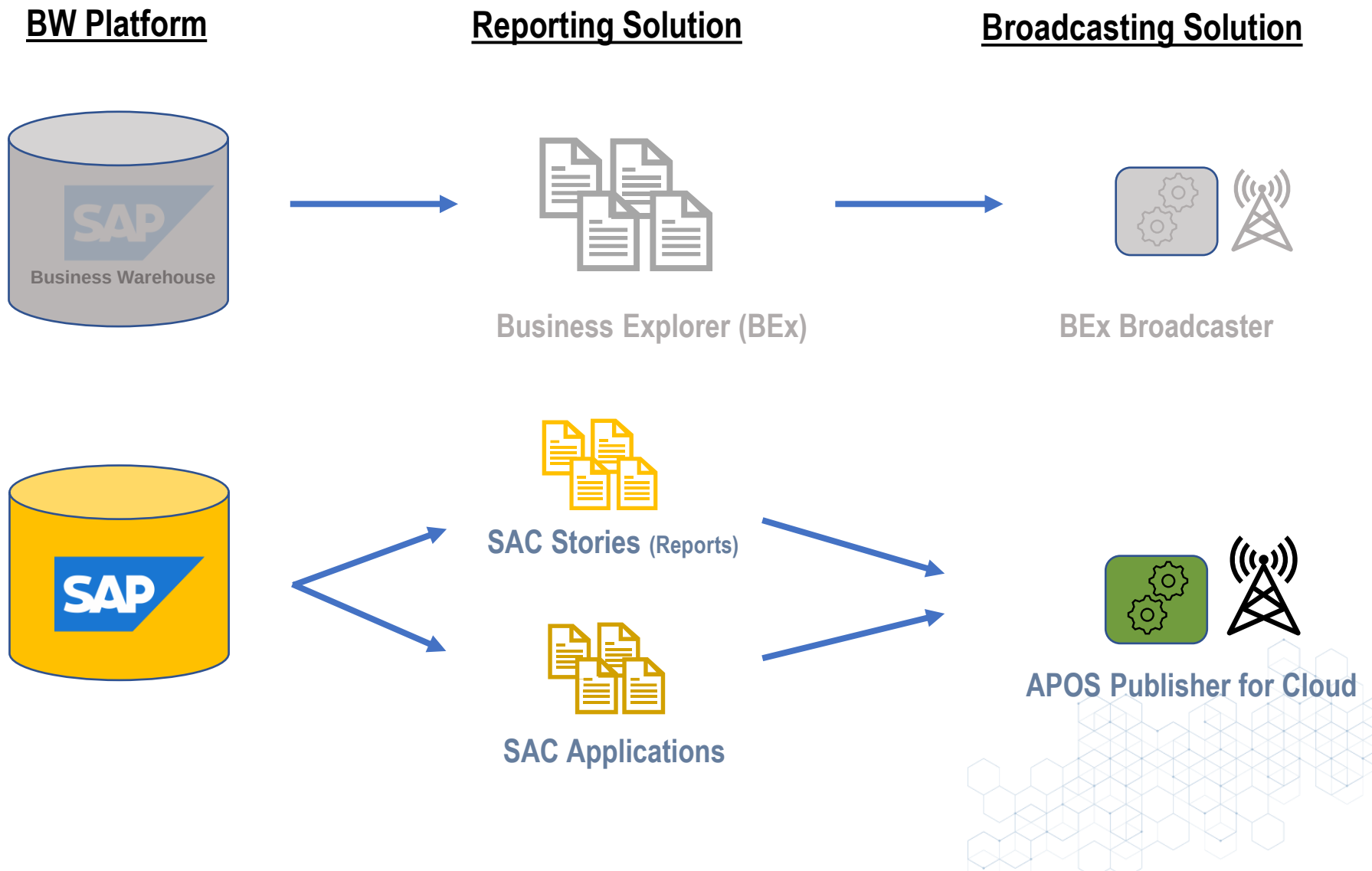
SAP BusinessObjects

- AO report scheduling

SAP BusinessObjects + APOS Publisher

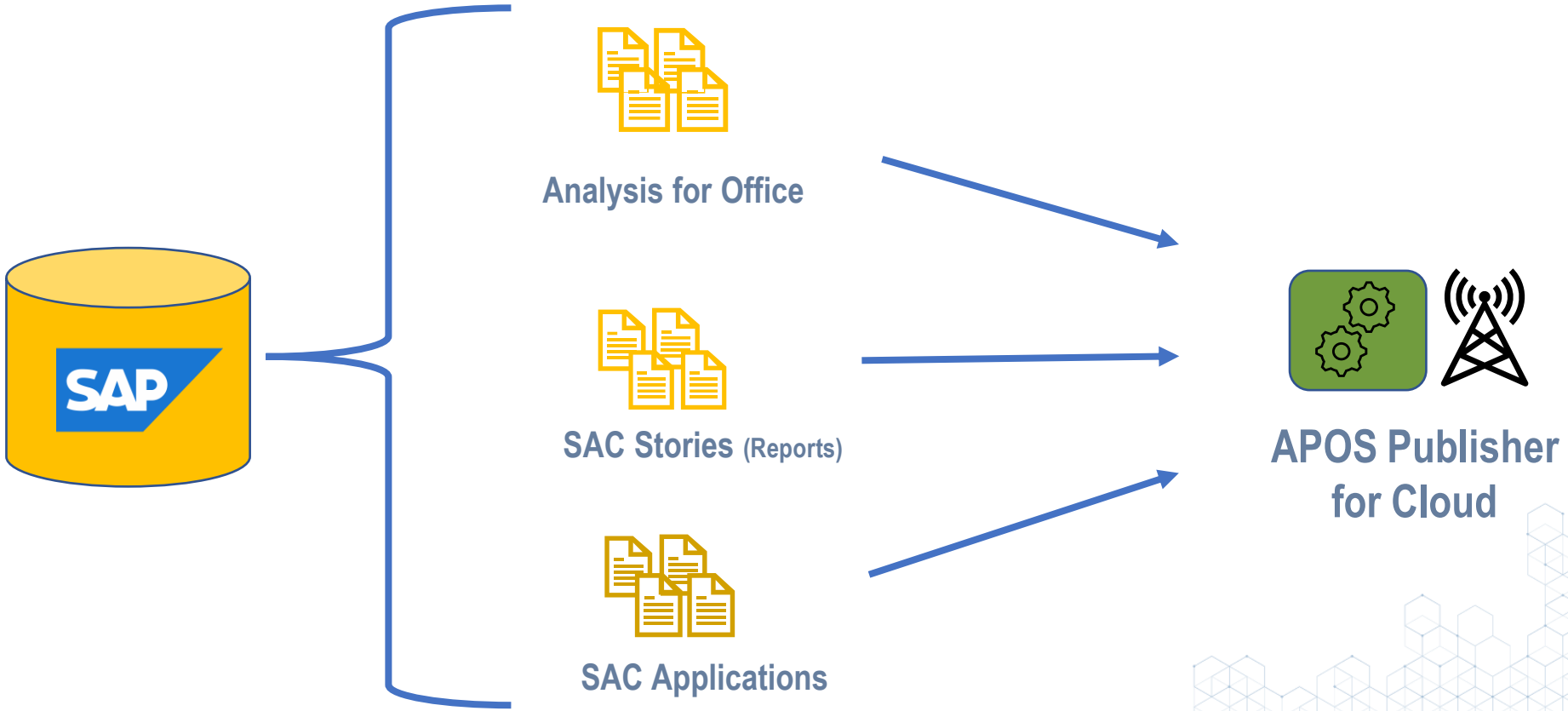
- expanded AO report broadcasting

AO Report Broadcasting Progression

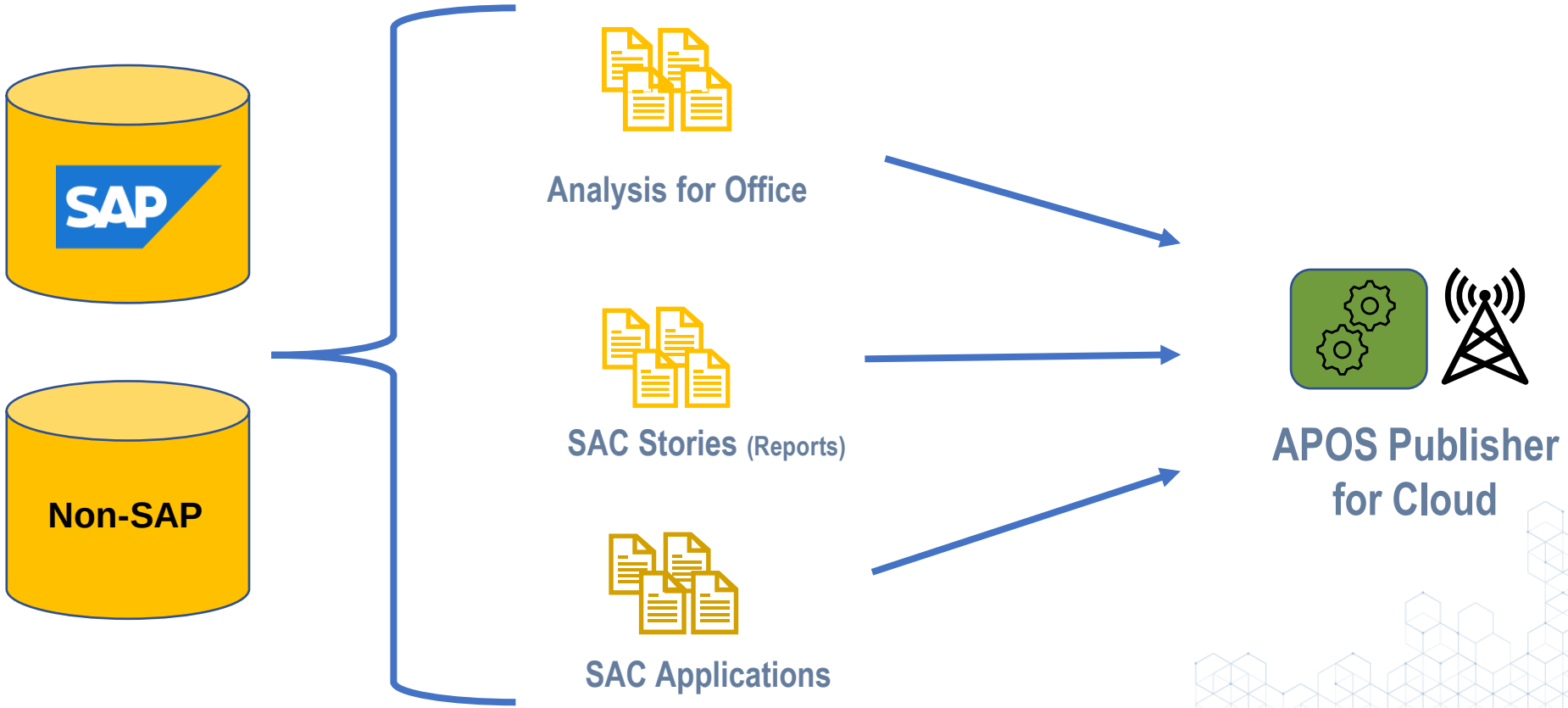


AO Report Broadcasting – Coming Soon!

AO Report Broadcasting – Coming Soon!



AO 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

Strong Analysis for Office Future
with
Publisher for Cloud

- Removes barriers and enables capabilities that allow companies to move ahead with adoption of SAP Analytics Cloud
- Allows companies to retire BusinessObjects deployments that have been in place only to serve Analysis for Office scheduling needs
- Enables existing BEx Broadcaster deployments to move ahead with their adoption of Analysis for Office

APOS Publisher for Cloud

Analysis for Office Broadcasting Demonstration

Publisher for Cloud Enterprise - 3.9.2232.1

APOS Publisher for Cloud

APOS

Bursting Definitions | Data Sources | Configuration

SAC Profile | Refresh | Login | Help

Bursting Definition Actions

- Create New Bursting Definition
- Edit Bursting Definition
- Rename Bursting Definition
- Create Folder
- Edit Folder
- Remove Object
- Schedule Bursting Definitions
- View Schedules and History
- About Publisher for Cloud

Filter List: *

Home \ Public

Name	Children	Description	Parent Folder	Location	Type	Owner
..						
AO Definitions	2		Public	\Public	Folder	pwatson@apos.com
Imports	18		Public	\Public	Folder	pwatson@apos.com

d in to 'P4Cv9b' as: support@apos.com

Start

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

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

APOS

Upcoming Event

Technical Deep Dive:
APOS Publisher for Cloud

Join this session for a deep dive with APOS solution consultants into this solution with in-depth demos and live Q&A.

Watch for your email for your invitation!

Register at www.apos.com

APOS

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

JOIN THE SAP ANALYTICS CLOUD GROUP TODAY!

Search for “SAP Analytics Cloud (SAC)”
on LinkedIn and request to join

QUESTIONS?

Please enter your questions in the Q&A panel.

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Thank you!

Get in touch

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SAP Partner