

WEBINAR

APOS Publisher for Cloud:
Technical Deep Dive



Today's Session

Key Topics

Technical Deep Dive

- Solution Technical Overview
- Extracting raw data from SAC grids/tables into Excel/CSV
- Tailored PDF documents individually and dynamically filtered per recipient
- Migrating SAP BusinessObjects publications to SAC
- Generating multiple PDF attachments into a single email
- Q&A – see webinar console



HOUSEKEEPING



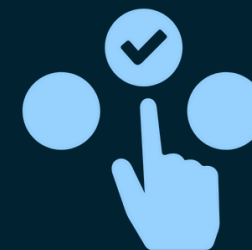
You will have access to the **slides** via email



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:



ALAN GOLDING

Solution Consulting Manager
APOS



FRED WALTHER

Senior Solution Consultant
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 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

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



Personalized Distribution



Strategic Timing



Tailored Format



Scalability



Dynamic Flexibility



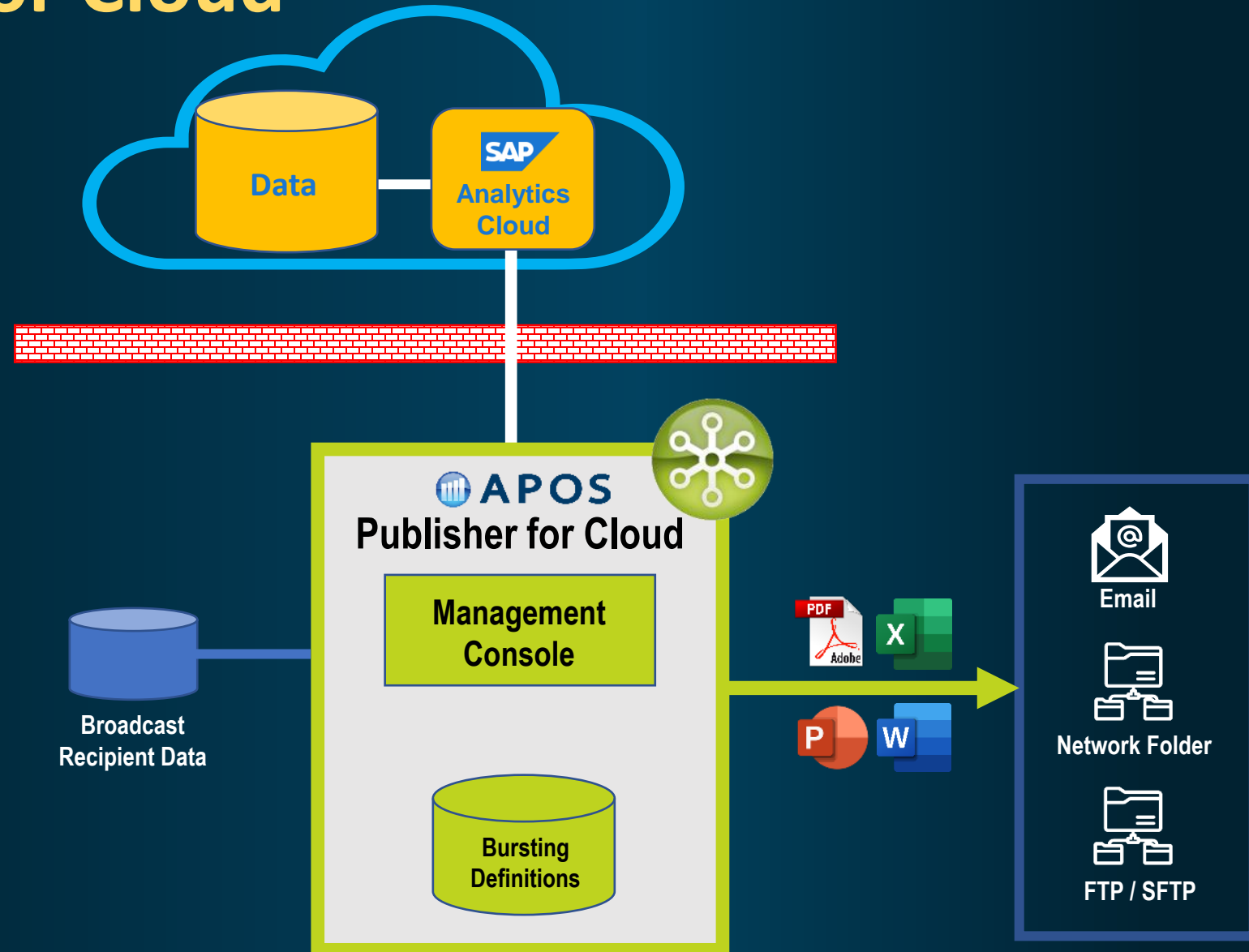
Secure Collaboration

APOS Publisher for Cloud

Technical Overview



Publisher for Cloud



APOS Publisher for Cloud

Technical Deep Dive



Technical Deep Dive

**Extracting raw data from SAC
grids/tables into Excel / CSV**



Technical Deep Dive

**Tailored PDF documents
individually and dynamically
filtered per recipient**



Technical Deep Dive

Migrating SAP BusinessObjects publications to SAC



Technical Deep Dive

Generating multiple PDF attachments into a single email



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**

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



BRISTOL

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

Customer Profile

Hunt LNG – leading independent energy, exploration and production company

- 80+ years of petroleum operations
- operations in North America, South America, Europe and Middle East



Landscape & Core Challenge

Moving reporting use cases from **SAP BusinessObjects** to **SAP Analytics Cloud** as BI and analytics platform

Along with real-time KPI dashboards, requirements included **distribution of reports to strategic office users and field staff**. These distributed reports support timely decision making related to **operational, resource, and production quality** data to ensure the safe and efficient production and transportation of the LNG product.

Solution Requirements:

- Scheduled reports for recurring distribution to strategic users
- Personalization of data to ensure frontline management receives only the data that is relevant to them
- Conditional bursting to alert field and executive management to the need for incident management

Solution Barriers:

SAP Analytics Cloud report broadcasting challenges:

- Timeliness - no guarantee that field personnel would receive information when they needed it due to schedule execution limitations
- Personalization – the process for filtering reports is complex and not able to scale to required levels

Problem & Pain: Not satisfying these critical requirements would mean maintaining SAP BusinessObjects in parallel to accomplish their report distribution

Customer Problem

Outcomes & Customer Success

APOS Publisher for Cloud was successfully deployed:

- Managers and supervisors receive critical QA, health & safety and environmental reports requiring corrective actions
- Pipeline managers and supervisors receive KPI report flagging information requiring attention
- Managers and supervisors receive HR reports for time management.
- Data-driven bursting and automation greatly reduce the burden on Hunt LNG's IT and analytics teams



“It is a set-and-forget solution...we are able to maintain consistent and timely distribution of operational and financial analytics to the managers and supervisors who need it.”

- Fabrisio Gavonel Hernández,
IT Applications Specialist, Hunt LNG



APOS Publisher for Cloud Fulfill BEx Broadcast Scenarios

THE BEX BROADCASTING NEED AND SAP ANALYTICS CLOUD

By Tom Woodhead

Digital transformation is essential to meeting the future, but there will always be challenges, and those responsible for implementing transformative technology must also look at users' needs and expectations in the present as well as in the future.

Digital transformation should be driven by business process transformation. While the new technology's core capabilities are essential to transformation, they do not necessarily account for all of the very specific business process workflows embedded in the outgoing technology platform.

BEX BROADCASTING & SAP BW/4HANA

BEx broadcasting has been an important tool for organizations using BW. It has effectively served important communication workflows over the past twenty-plus years, allowing organizations to distribute reports to a wide variety of users, partners and customers. However, with the need to push content out to stakeholders continuing to be a critical requirement for many of these organizations, and with this capability not available in SAP BW/4HANA, such organizations need to deploy an alternative to BEx broadcasting as part of their move to BW/4HANA.



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Success Story: Replacing BEx Broadcaster in SAP BW/4HANA Environment

Agricultural sciences manufacturer – Leading, highly diversified moving **SAP BW** to **SAP BW/4HANA**

- Replacing **BEx Broadcaster**
- Keeping large network of internal and external customers, partners and resellers informed
- Required high volume, targeted distribution
- Broadcasting reports in multiple formats such as XLS and PDF, in same email

APOS Publisher for Cloud



APOS Solutions for SAP Analytics Cloud



APOS Live Data Gateway

- High performance, live data connectivity from SAC to wide range of data sources



APOS Publisher for Cloud

- Automated broadcasting and distribution of personalized SAC reports to target user groups



APOS Insight for Cloud

- Enhanced Monitoring, Auditing and Report Testing for SAP Analytics Cloud

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

STREAMLINE YOUR MOVE TO UNX UNIVERSE



Freemium Upgrade Offer

APOS Web Intelligence Migrator



INVENTORY SYSTEM CONTENT

Detailed view of universes and reports for effective project planning



BULK CONVERSION OF UNIVERSES

High-volume conversion of universes from UNV to UNX format



HIGH VOLUME REPOINTING OF REPORTS

Scan and repoint Web Intelligence reports in bulk from old UNV to new UNX



VALIDATE UPGRADE SUCCESS

Automated testing of reports to validate successful and accurate migration



STRONG PROCESS CONTROLS

Enterprise-grade controls to synchronize and scale your migration processes

APOS Freemium Offer

Free Production deployment use of APOS Web Intelligence Migrator:

- Scan and inventory your SAP BI systems
- Bulk convert all UNV universes to UNX
- Bulk repoint up to 200 WebI reports
- Validate migration success
- 100 days of free use
- Inventory multiple systems
- Guidance and support



Access now at
apos.com/freemium



Upcoming Event

Technical Deep Dive:

Automated Streamlining and Right-Sizing of Your SAP BusinessObjects Deployment



This technical session will look closely at the APOS mechanisms and best practices to simplify and automate the initial and ongoing system right-sizing processes, which bring future-focused efficiency and order to your SAP BusinessObjects deployment.

This live webinar will include time for Q&A.

December 14 - 11am Eastern Time

Link to register in webinar handout

Register at www.apos.com

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QUESTIONS?

Please enter your questions in the Q&A panel.



Thank you!

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