Today's Session – Key Topics

- Latest BI 2025 updates

- Timeline and plan updates for BI 2027 and beyond

- Lumira 2025 update

- BusinessObjects platform support plans and timelines (BI 2027, BI 2029, …)

- APOS Automation for BI 2025 Upgrade

Q&A – see webinar console

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

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

Audience
Poll Questions

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PUBLIC

SAP ANALYTICS

Business Intelligence Statement of Direction

October 2025

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SAP BusinessObjects BI 2025 and beyond

SAP Analytics Product Management
February 25, 2026

Public

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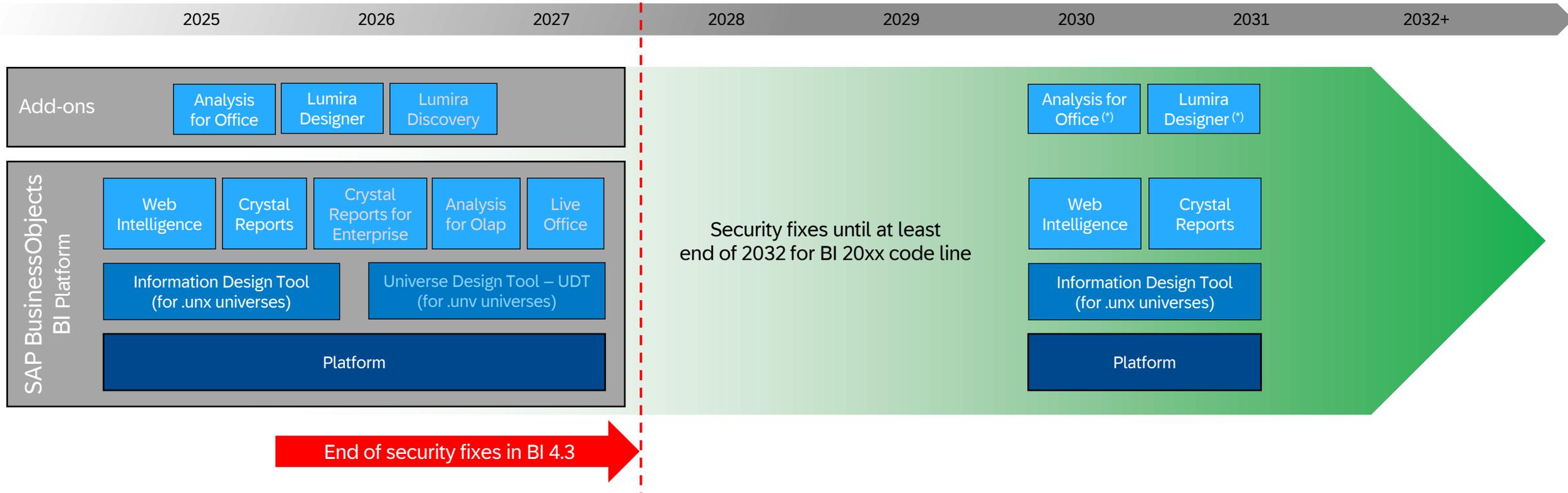www.linkedin.com/in/gregory-botticchio/

Agenda

- Maintenance timeline

- Product roadmaps

- Web Intelligence latest features demo

SAP BusinessObjects BI roadmap
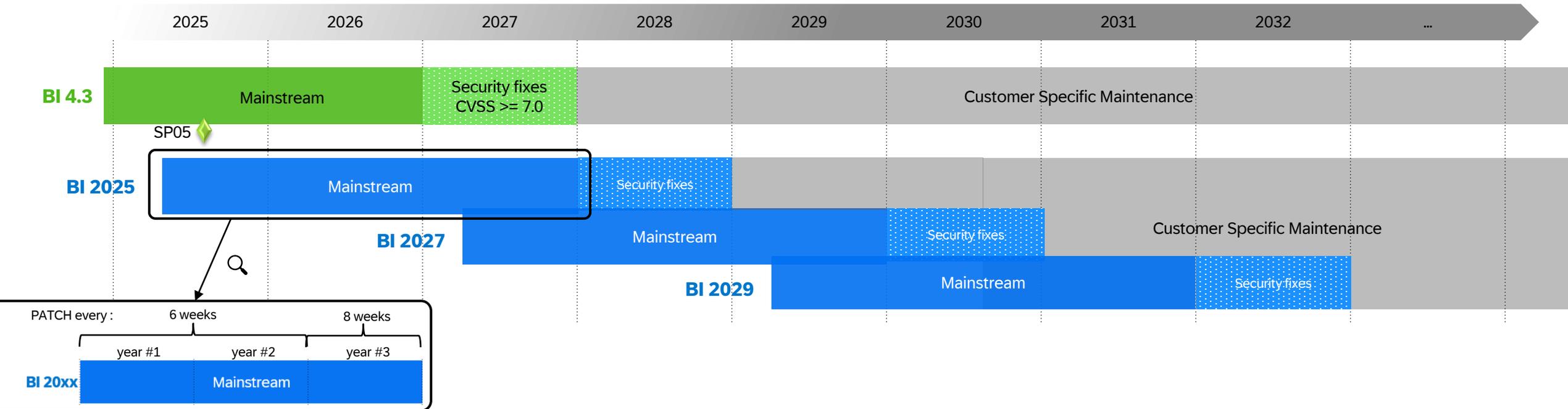
- We revisit our roadmap on a regular basis
- From BI 2025 on, maintenance policy is aligned with SAP standard maintenance strategy
- Learn more in SAP Analytics Statement of Direction and SAP BusinessObjects BI Maintenance Strategy Document

SAP BusinessObjects portfolio
Rationalization strategy

Lumira 2025 is available!

| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032+ |

Add-ons

Analysis for Office | Lumira Designer | Lumira Discovery

Analysis for Office (*) | Lumira Designer (*)

SAP BusinessObjects BI Platform

Web Intelligence | Crystal Reports | Crystal Reports for Enterprise | Analysis for Olap | Live Office

Information Design Tool (for .unx universes) | Universe Design Tool – UDT (for .unv universes)

Platform

Security fixes until at least end of 2032 for BI 20xx code line

Web Intelligence | Crystal Reports

Information Design Tool (for .unx universes)

Platform

End of security fixes in BI 4.3

(*) SAP Analysis for Microsoft Office and SAP Lumira Designer will be maintained and supported, but no new feature will be delivered

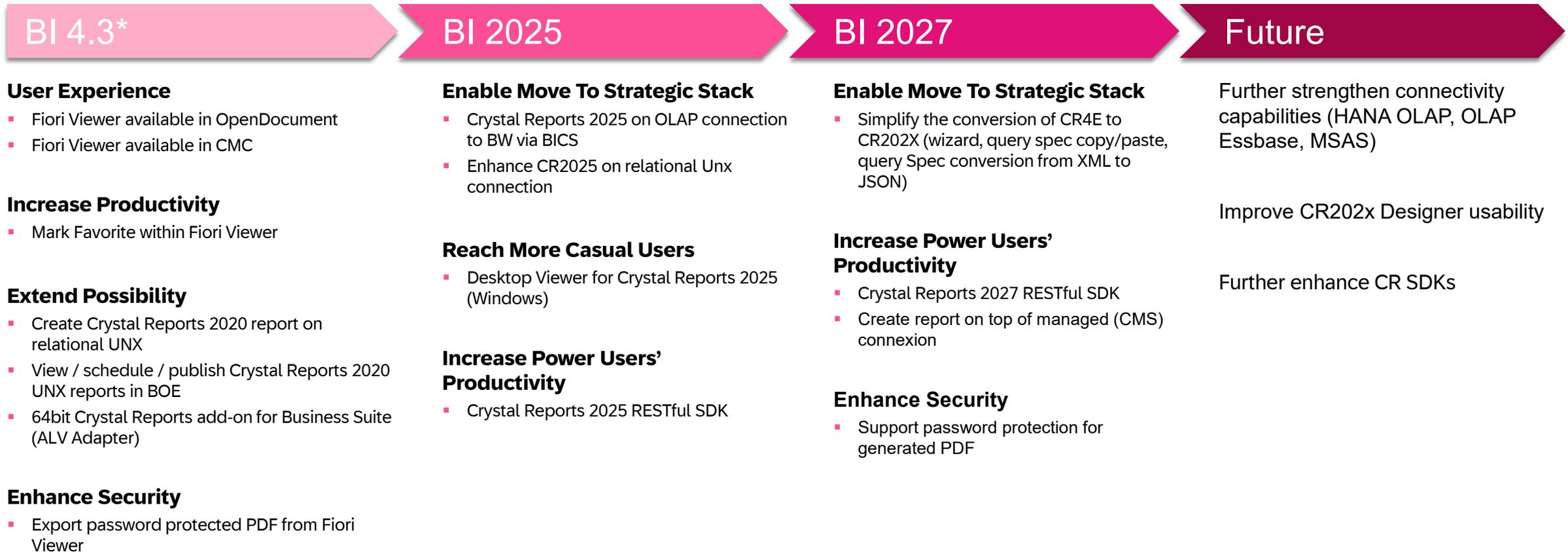# Product direction - SAP BusinessObjects BI Platform

BI 4.3*	BI 2025	BI 2027	Future

BI Launch Pad
- Handle multiple events with scheduling
- BI Workspace UX

Installation
- Improve installation experience by reducing TCO
- New Unix script to generate the start scripts for SAP BusinessObjects

Server Management
- Improve performances of SQL queries created by CMS database (bind variables with parameters instead of literals)

BI Launch Pad
- New tiles with KPIs and charts
- Improved performance
- Better user experience

Installation
- Simplify authentication for OpenID and SAML
- Preserve current configuration during installation of a new version or patch

BI Launch Pad
- New BI Launchpad experience
- Mobile browser compliant
- Customization
- Tabs for opened Documents
- New scheduling/publishing simplified experience for CMC + Launchpad
- Instance Manager for WebI
- Save the settings in Instances search

Governance
- BI classification

AI Readiness for BI
- BI Platform enabled for MCP

More control on scheduling definition, execution and notification

Improve BI Launch Pad search and alerts

Improve control and monitoring

Deployment in virtual environment

* Main features of SAP BusinessObjects BI 4.3, more exist

This is the current state of planning and may be changed by SAP at any time

Product direction - Crystal Reports

BI 4.3*	BI 2025	BI 2027	Future

User Experience
- Fiori Viewer available in OpenDocument
- Fiori Viewer available in CMC

Increase Productivity
- Mark Favorite within Fiori Viewer

Extend Possibility
- Create Crystal Reports 2020 report on relational UNX
- View / schedule / publish Crystal Reports 2020 UNX reports in BOE
- 64bit Crystal Reports add-on for Business Suite (ALV Adapter)

Enhance Security
- Export password protected PDF from Fiori Viewer

Enable Move To Strategic Stack
- Crystal Reports 2025 on OLAP connection to BW via BICS
- Enhance CR2025 on relational Unx connection

Reach More Casual Users
- Desktop Viewer for Crystal Reports 2025 (Windows)

Increase Power Users' Productivity
- Crystal Reports 2025 RESTful SDK

Enable Move To Strategic Stack
- Simplify the conversion of CR4E to CR202X (wizard, query spec copy/paste, query Spec conversion from XML to JSON)

Increase Power Users' Productivity
- Crystal Reports 2027 RESTful SDK
- Create report on top of managed (CMS) connexion

Enhance Security
- Support password protection for generated PDF

Further strengthen connectivity capabilities (HANA OLAP, OLAP Essbase, MSAS)

Improve CR202x Designer usability

Further enhance CR SDKs

* Main features of SAP BusinessObjects BI 4.3, more exist

This is the current state of planning and may be changed by SAP at any time

Product direction - SAP BusinessObjects Web Intelligence

BI 4.3*

Self-Service BI
- Additional enhancements to simplify user interface
- Advanced search in Available Objects panel
- Improve universes performance (.unx)

Reporting and Visualizations
- Charts improvements
- Hide column when Empty or Dynamically
- IntraDocument link: filters the target report by using complex input controls
- Support SAP Datasphere OLAP data
- New functions for the Formula Language (ex: Time dimensions, Retrieve Custom Properties Values, Data Provider Path, …)

Data Preparation
- Reuse cubes and objects from Data Flow
- More combine operators
- Export transformed data cubes
- Format defined at objects level
- Cascading refresh for WID as a Source & OData Service

BI 2025

Visualizations, Interactivities and Dashboarding
- New SAP UI5 widgets : Filters, Tables, Show/Hide
- Custom layout : 16/9, 4/3, mobile
- Custom Tooltips
- Enhanced interactivities between blocks

Shared analysis and assets off-line distribution
- Export to new Web Intelligence Document eXtract (WIDX)
- Access data, layout, visualizations, interactivities with no BOBJ dependency

Report creation workflows revisited
- Simplified data creation workflow
- Default layout for Reports or Dashboards
- Expose new widgets for ad-hoc analysis
- Extend .CSS capabilities to widgets

BI 2027

Visualizations, Interactivities and Dashboarding
- Enhanced widgets interactivities (Filter in place, Variance, Tooltip, …)
- New Dashboarding widgets: charts, container, custom widget, …
- Application widgets for BI Workspace and Landing Page : Viewer, Recent, Nav list, …
- Responsive Layout

Shared analysis and assets off-line distribution
- Simplified WIDX deployment (iOS, PWA, WebApp)
- Custom Tooltip for WIDX
- Enhanced interactivities

Report creation workflows revisited
- Guided Dashboard creation
- New experience for Properties (Formatting)
- Theme creation and templates

AI Readiness for BI
- Custom widget with AI (ext. sample)

Future

Application creation via advanced scripting

Cohesive look and feel across your reports : theme creation and templates

Advanced ad-hoc data preparation thanks to exploration and suggestions

* Main features of SAP BusinessObjects BI 4.3, more exist

This is the current state of planning and may be changed by SAP at any time

DEMO

Thank you.

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SAP Bring out your best.

UNX Universe Adoption Considerations

UNX Adoption Challenges – Manual Upgrade

- Not enough budget

- Not enough time

- Too hard to coordinate BI User departments

- Introduces system risk

"Let's just wait until next year..."

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UNX Universe Adoption Considerations

UNX Upgrade Steps

- Manual conversion of universes from UNV to UNX format

- Publish new UNX universe

- Manual repointing of Web Intelligence report to new UNX format universe

- Verify and validate the repointed Web Intelligence report results

- Publish the repointed Web Intelligence report

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UNX Universe Adoption Considerations

Manual Upgrade Time Estimates

- Manual conversion of universes from UNV to UNX format
  - 5 minutes per universe

- Publish new UNX universe
  - 2 minutes per universe

- Manual repointing of Web Intelligence report to new UNX format universe
  - 10-15 minutes per report

- Verify and validate the repointed Web Intelligence report results
  - 8-10 minutes per report

- Publish the repointed Web Intelligence report
  - 2 minutes per report

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UNX Universe Adoption Considerations

Example Manual Upgrade Estimate

Example Scenario:

- 50 universes
- 5000 Web Intelligence reports

- 50 universes @ 7 minutes/universe = 350 minutes
- 5000 reports @ 20 - 27 minutes/report = 100,000 – 135,000 minutes
  = ~1700 - 2250 hours
  (212 – 281 days)

- Total time of 1700 – 2250 hours @ $/€ per hour = BIG number $/€
  - @ $/€ 40 per hour = 68K – 90K raw project personnel cost

What are the costs if you have a larger deployment??

"We don't have the time or budget for that project..."

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UNX Universe Adoption Considerations

"We can do this!"

What is the answer for upgrading to UNX??

Automate the upgrade process!!

- Massive time savings

- Dramatically reduced costs

- Minimize the use of and distraction of precious team resources

- Control system change risks, remove manual error risks

- Simplify coordination of BI Team and User departments

- Execute a controlled, manageable, successful upgrade project

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APOS Web Intelligence Migrator

STREAMLINE YOUR MOVE TO UNX UNIVERSE

INVENTORY SYSTEM CONTENT

BULK CONVERSION OF UNIVERSES

HIGH VOLUME REPOINTING OF REPORTS

VALIDATE UPGRADE SUCCESS

STRONG PROCESS CONTROLS

APOS Web Intelligence Migrator

STREAMLINE YOUR MOVE TO UNX UNIVERSE

INVENTORY SYSTEM CONTENT

- Scan your system for Web Intelligence reports using the criteria you specify
- Accurately plan and prioritize upgrade steps with a deep understanding of your BI system:
  - ♦ *Report Objects* ♦ *Universe Objects* ♦ *System Objects*
  - ♦ *Report/Universe Usage* ♦ *Report/Universe Structure*
  - ♦ *Schedules & Instances* ♦ *System Structure & Security*

HIGH VOLUME REPOINTING OF REPORTS

- Repoint Web Intelligence reports in bulk from old UNV to new UNX
- Update existing reports or create a new copy in a custom location & naming convention
- Project-based approach to select and manage Web Intelligence reports conversion process
- Define a mapping strategy, or create custom mapping
- Scale conversion infrastructure to handle high volume scenarios with multiple conversion processors

BULK CONVERSION OF UNIVERSES

- High volume conversion of universes from UNV to UNX format
- Use system inventory to set project priorities for the most important universes

VALIDATE UPGRADE SUCCESS

- Automated bulk testing and validation
- Ensure a successful and accurate upgrade process
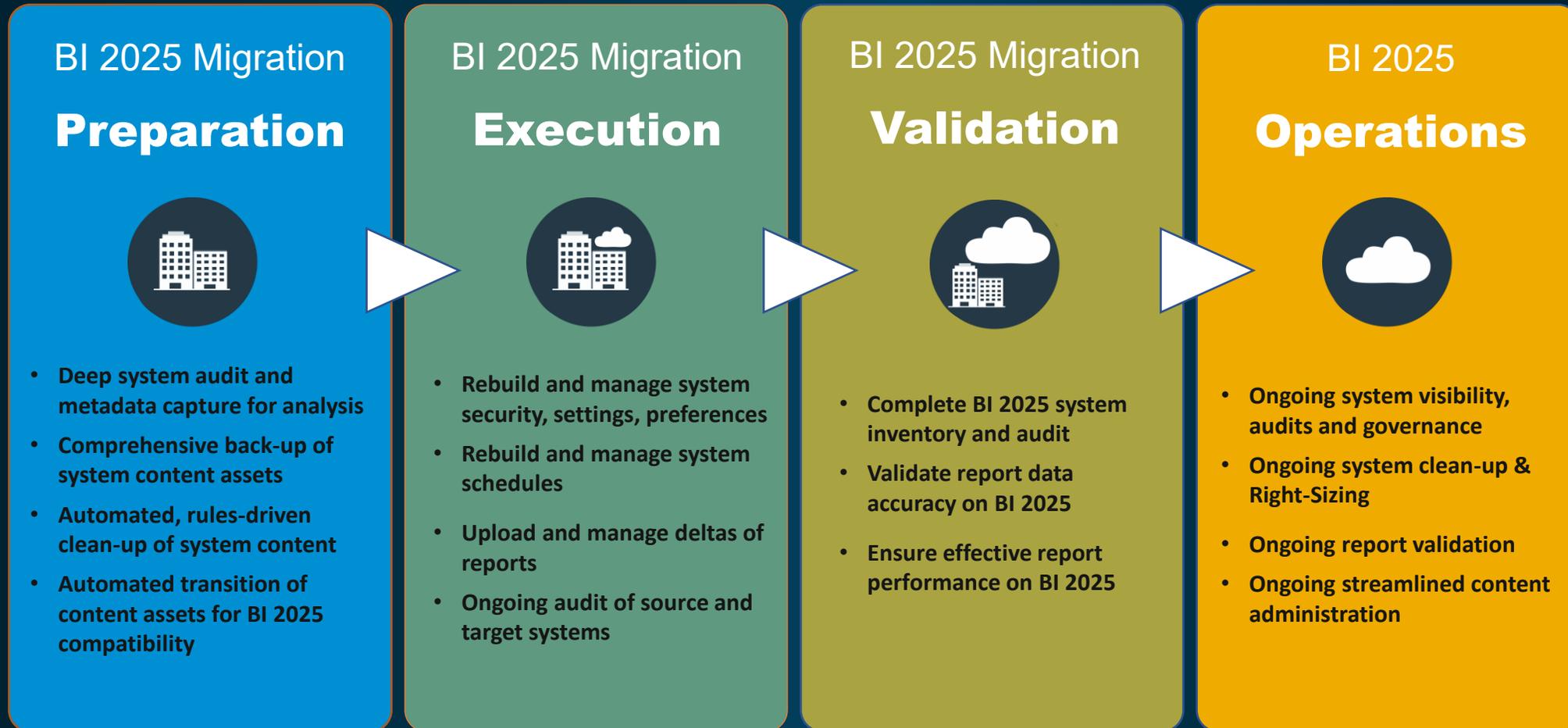- Take the risk out of migration

STRONG PROCESS CONTROLS

- Synchronize and scale your migration processes
- Enterprise-grade process controls
- Handle massive volumes of reports with distributed project management

APOS Validation Manager

APOS Validation Manager: an automated report testing solution, which utilizes a project-based, highly controlled environment for comparison testing of the accuracy and performance of reports between versions and environments of SAP BusinessObjects.

- Automated testing
  - Upgrade/Migration Testing
  - Regression Testing
  - Validation of Report Data
  - Report Performance Testing

- Save resource time and opportunity costs
- Expand breadth and depth of testing
- Reduce risk
- Improved controls and governance
- Speed migrations, upgrades, technology updates

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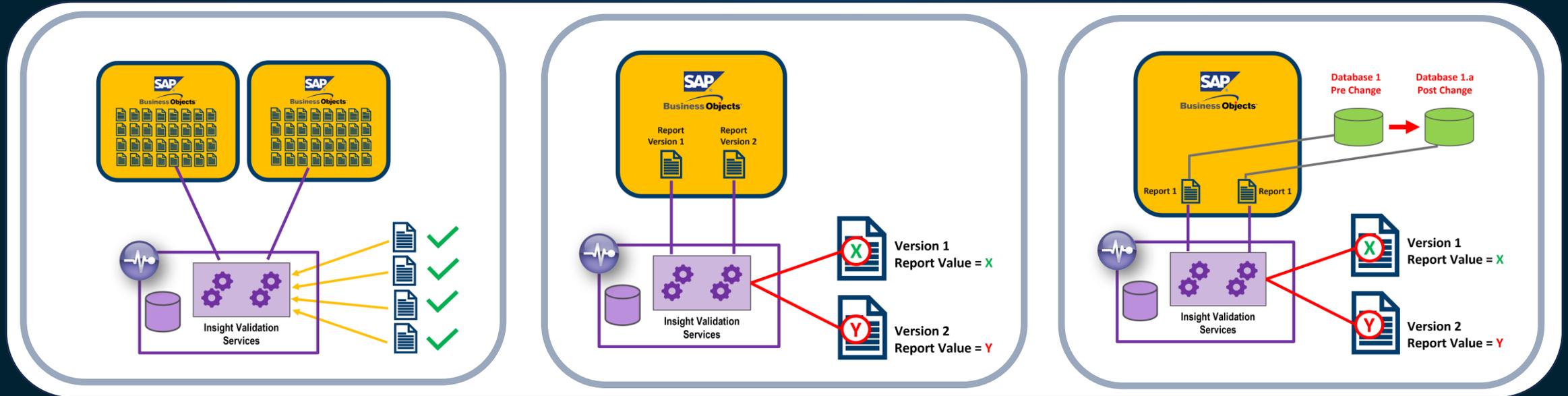
APOS Solutions for SAP BusinessObjects

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 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
- Analysis for Office broadcasting and scheduling

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

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QUESTIONS?

Please enter your questions in the Q&A panel.

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Thank you!

Get in touch

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