# Customer Success Day
# SAP Cloud Business Transformation

Driving Business Outcomes Through Shared Experiences

# SAP BusinessObjects Business Intelligence Platform Roadmap


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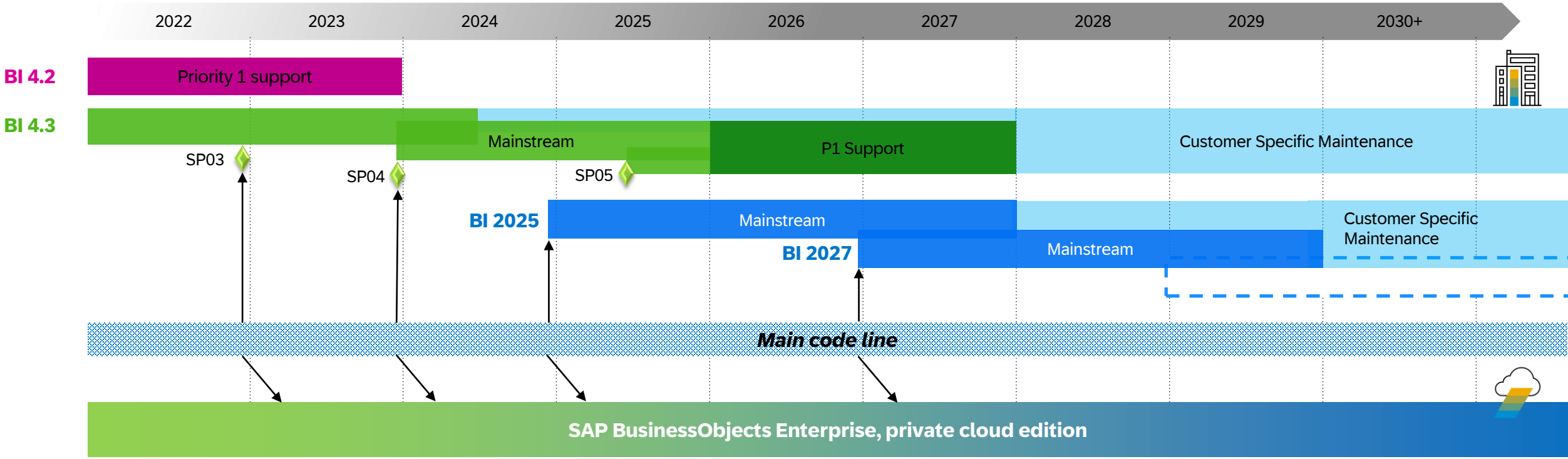
SAP BusinessObjects BI Roadmap

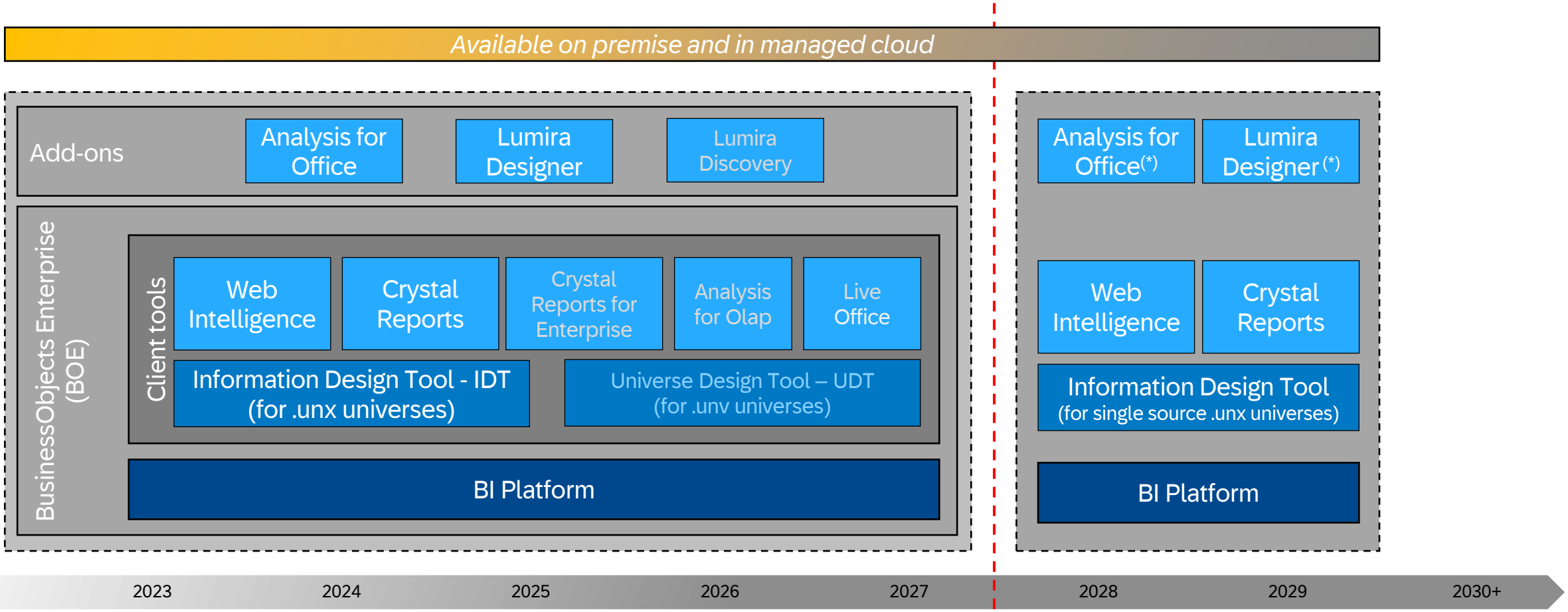
# Available on premise and as managed cloud beyond 2030




- We will revisit our roadmap on a regular basis
- Starting with BI 2025, we plan to align with SAP standard maintenance strategy
- Learn more in the SAP Analytics Business Intelligence Statement of Direction

SAP BusinessObjects Portfolio

# Rationalization strategy




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

SAP BusinessObjects Portfolio

# Not delivered from BI 2025 on

| Component | Go to solution | Blog |
|---|---|---|
| Lumira Discovery | SAP Analytics Cloud | Accelerate your move from SAP Lumira Designer to SAP Analytics Cloud |
| Crystal Reports for Enterprise | Web Intelligence or Crystal Reports | Moving from Crystal Reports for Enterprise to Crystal Reports |
| Analysis for OLAP | SAP Analytics Cloud | SAP-BusinessObjects Analysis Edition For Olap Alternatives |
| Live Office | SAP Analysis for Microsoft Office<br>Web Intelligence Document OData Access (4.3 SP2) | SAP BusinessObjects Live Office Alternatives |
| SAP BusinessObjects Mobile | Web browser on mobile devices | SAP BusinessObjects Mobile alternatives |
| Universe Design Tool (and .unv) | Information Design Tool (and .unx) | Unv is dead long live-unx |
| Multi-source universes and associated connectivity | Data blending in Web Intelligence or at the DB level | BusinessObjects Multi source Universes Alternatives |

## Supported platforms

- We will stop the support of AIX and Solaris platform after BI 4.3
- Preferred OS are Windows and Linux
- Crystal Reports 2020 services are supported on Windows only from version BI 4.3 SP2 on

SAP BusinessObjects BI 2025

# Manage enterprise reporting use cases at scale

## 1

### REACH MORE BUSINESS USERS

- Improve Web Intelligence business users experience with interactive dashboards
- New Web Intelligence offline artefact
- Desktop Viewer for Crystal Reports 2025 (Windows)

## 2

### INCREASE POWER USERS' PRODUCTIVITY

- Improve Web Intelligence Power Users Experience
- Improve document creation for mobile
- Provide more connection capabilities in Crystal Reports 2025
- Crystal Reports 2025 RESTful SDK

## 3

### REDUCE TOTAL COST OF OWNERSHIP

- BI Launch Pad - provide dynamic access to information, and improve usability
- Ease installation, upgrade and preserve configuration
- Simplification of authentication

SAP BusinessObjects BI 2025

# Web Intelligence

ENGAGE USERS WITH DASHBOARDS FEATURING NEW DYNAMIC VISUALISATIONS AND SPECIALIZED ELEMENTS

EXPAND USER ACCESS WITH NEW DOCUMENT FORMAT, DELIVERING DATA INSIGHTS OFFLINE

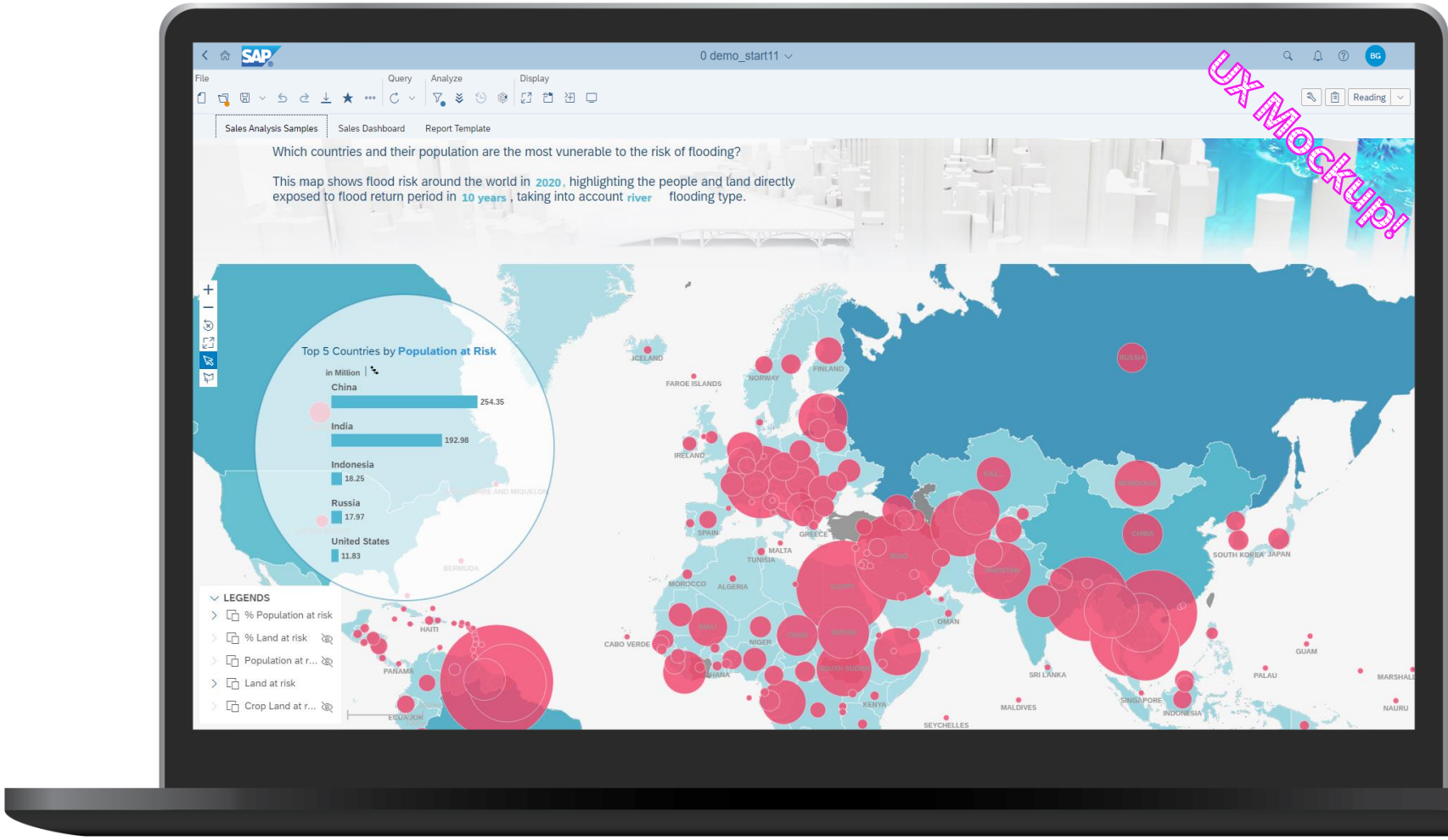
ENHANCE EFFICIENCY THROUGH TAILORED EXPERIENCES AND SIMPLIFIED REPORT GENERATION

SAP BusinessObjects BI 2025

# Web Intelligence

## ENGAGE USERS WITH DASHBOARDS FEATURING NEW DYNAMIC VISUALISATIONS AND SPECIALIZED ELEMENTS

- Unlock creativity with our dedicated dashboard creation space, with custom canvas for any screen, 16/9 and mobile devices
- Elevate visual storytelling with our expanded range of chart types and new specialized charts like maps and exploratory widgets
- Experience deeper insights through redefined interactivity for your Reports and Dashboards, thanks to a variety of new widgets based on SAP UI5, including Tables, Filters and Containers

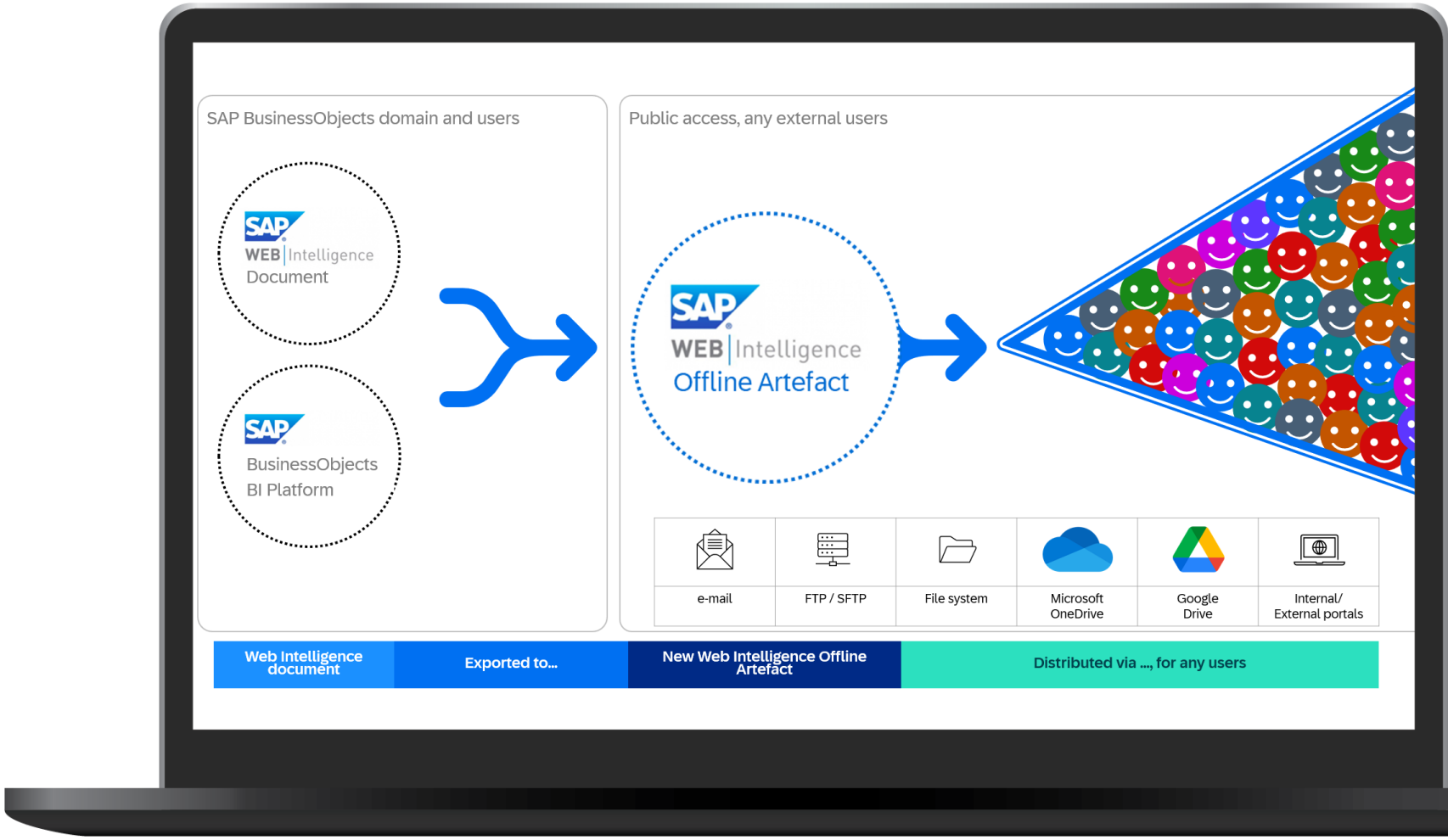


SAP BusinessObjects BI 2025

# Web Intelligence

## EXPAND USER ACCESS WITH NEW DOCUMENT FORMAT, DELIVERING DATA INSIGHTS OFFLINE

- Export your Dashboard into our new **“Web Intelligence Offline Artefact”**
- Use your favourite browser to open and consume it
- Access all data, interactivities, charts, and layouts even when disconnected from the BI platform
- Expand your reach effortlessly with free distribution, empowering more users to explore and engage

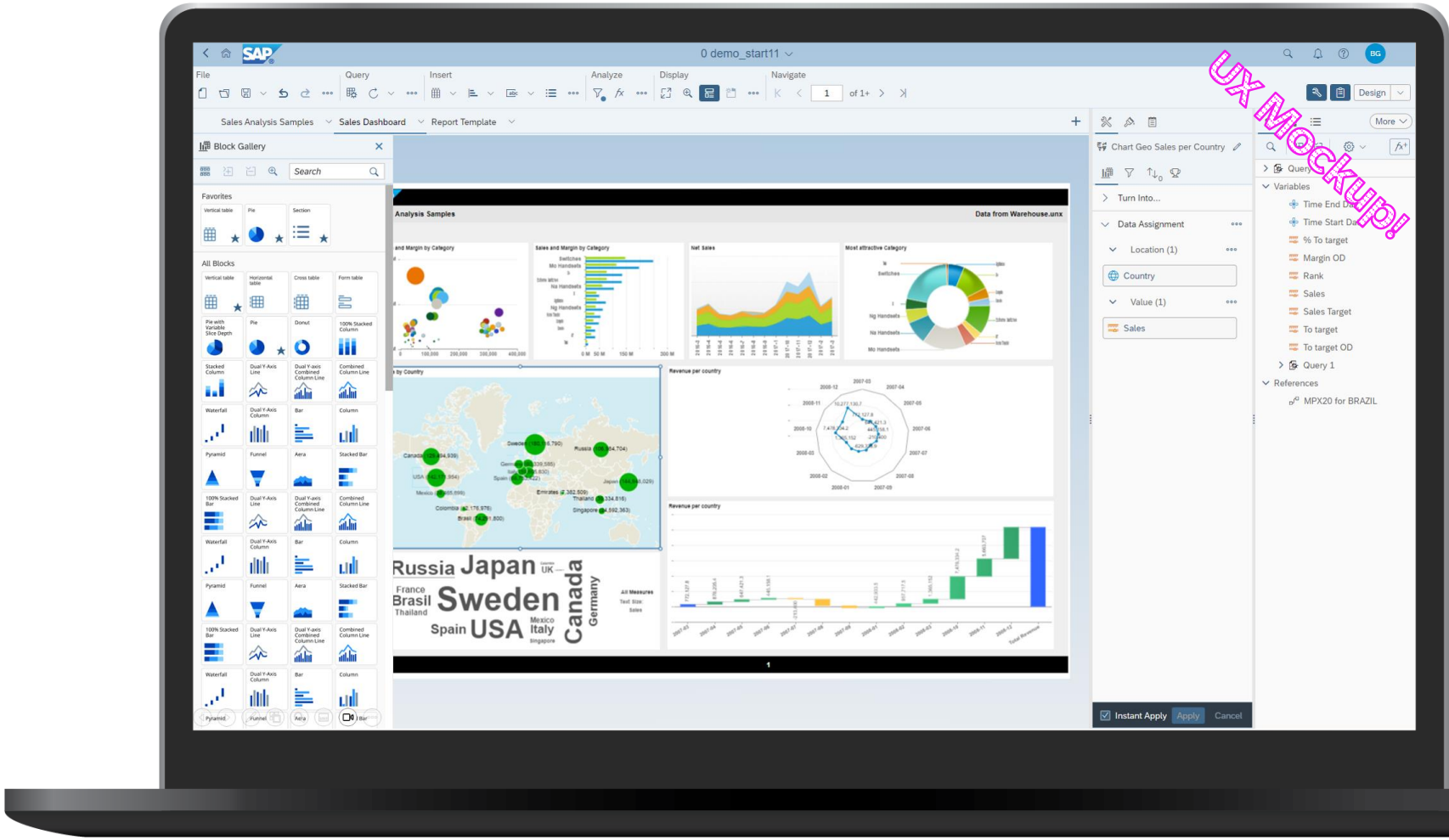


SAP BusinessObjects BI 2025

# Web Intelligence

## ENHANCE EFFICIENCY THROUGH TAILORED EXPERIENCES AND SIMPLIFIED REPORT GENERATION

- Accelerate business report delivery with our user-friendly interface for ALL users, beginners and experts
- Enhanced formatting accessibility, prioritizing commonly used features
- Simplified user interaction, minimizing clicks for efficient action execution
- Access advanced formatting via scripting for unmatched customization



# Product direction - SAP BusinessObjects Web Intelligence

## Recently delivered*

### 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

## Planned

### Visualizations, Interactivities and Dashboarding
- New SAP UI5 widgets : Filters, Tables, Containers
- Specialized charts : maps, explore
- Composite widget with scripting
- Custom canvas : 16/9, 4/3, mobile
- Custom Tooltips
- Enhanced interactivities between blocks

### Shared analysis and assets off-line distribution
- Export to new offline artefact
- Access data, layout, visualizations, interactivities with no BOBJ dependency

### Report creation workflows revisited
- Simplified data creation workflow
- Expose new widgets for ad-hoc analysis
- Diminution of the #actions needed to generate report
- Extend .CSS capabilities to widgets

## Future

### Better scripting capabilities for full control of App creation

### Advanced ad-hoc data preparation thanks to exploration and suggestions

### Dynamic canvas with responsive content and adapted user experience

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

* Up to SAP BusinessObjects BI 4.3 SP04, more exist

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

SAP BusinessObjects BI 2025

# BI Platform

**SIMPLIFY MIGRATION PROJECTS TO MAKE THEM FASTER, MORE RELIABLE AND AT LOWER COST**

**USE OF STANDARD AUTHENTICATION PROTOCOLS TO INCREASE INTEGRATION BETWEEN SYSTEMS**

**ALLOW IMMEDIATE ACCESS TO IMPORTANT INFORMATION AND REDUCE DISPLAY TIMES**

SAP BusinessObjects BI 2025

# BI Platform

## SIMPLIFY MIGRATION PROJECTS TO MAKE THEM FASTER, MORE RELIABLE AND AT LOWER COST

- Preserve current configuration during installation of a new version or patch
- For pre and post installation of Application Server

## USE OF STANDARD AUTHENTICATION PROTOCOLS TO INCREASE INTEGRATION BETWEEN SYSTEMS

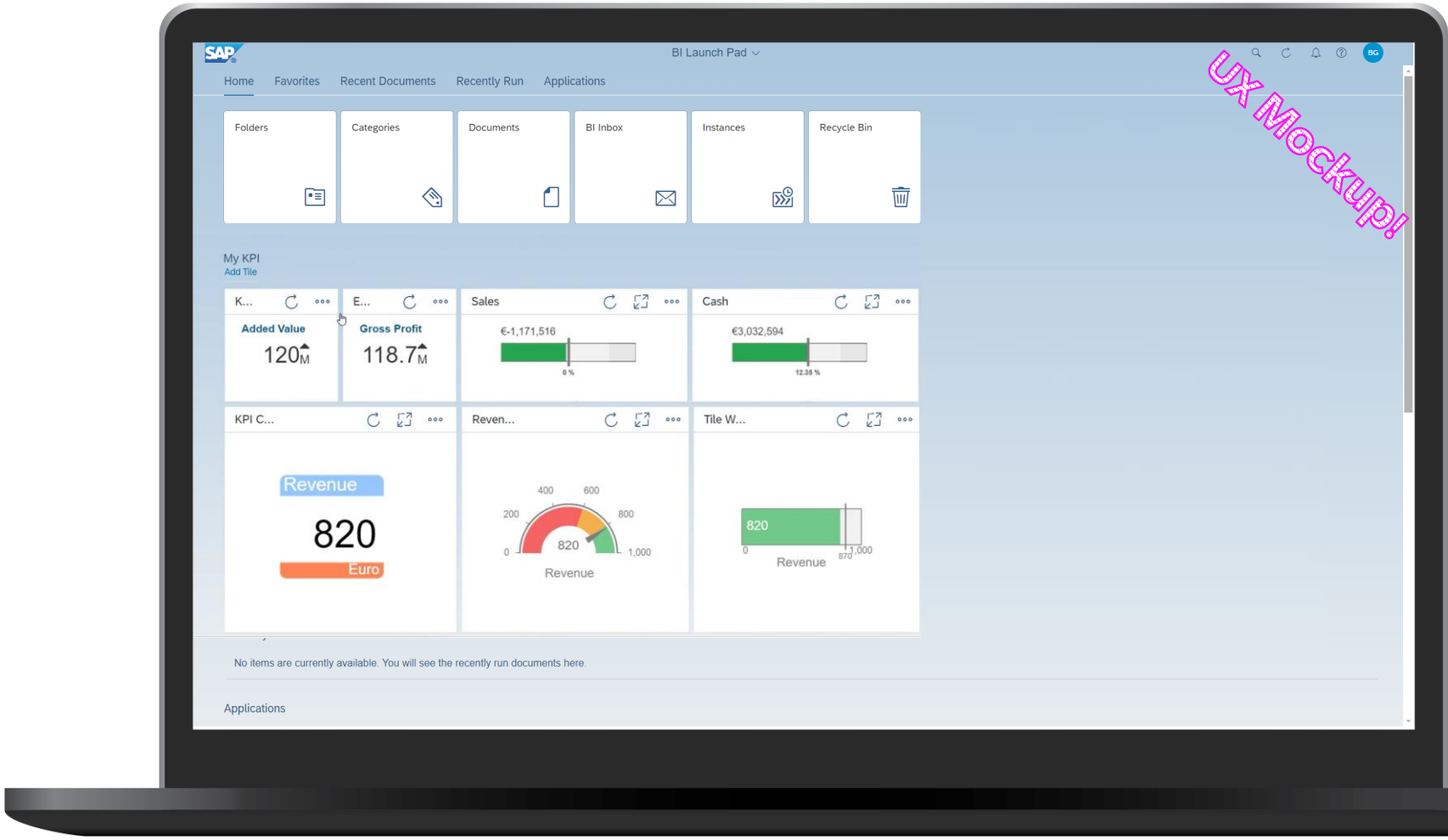
- SAML and OpenID authentication simplification
  - Guarantee automatic users provisioning
  - Simplify users administration and SAML and OpenID configuration
- End to end authentication workflow: users single sign-on to BILP as well as connection to DB

SAP BusinessObjects BI 2025

# BI Platform

## ALLOW IMMEDIATE ACCESS TO IMPORTANT INFORMATION AND REDUCE DISPLAY TIMES

- Dynamic and faster access to information through pinning KPIs or charts inside BI Launch Pad tiles
- BI Launch Pad performance improvements
  - Tiles and documents loaded faster
  - BI Launch Pad CMS queries optimized
- BI Launch Pad UX improvements
  - Open the same document multiple times with different prompts
  - Add Duplicate command



# Product direction - SAP BusinessObjects BI Platform

## Recently delivered*

### 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)

## Planned

### 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

## Future

**More control on scheduling definition, execution and notification**

**Improve BI Launch Pad search and alerts**

**Improve control and monitoring**

**Deployment in virtual environment**

**BTP service integration within BusinessObjects as an option based on use cases**

* Up to SAP BusinessObjects BI 4.3 SP04, more exist

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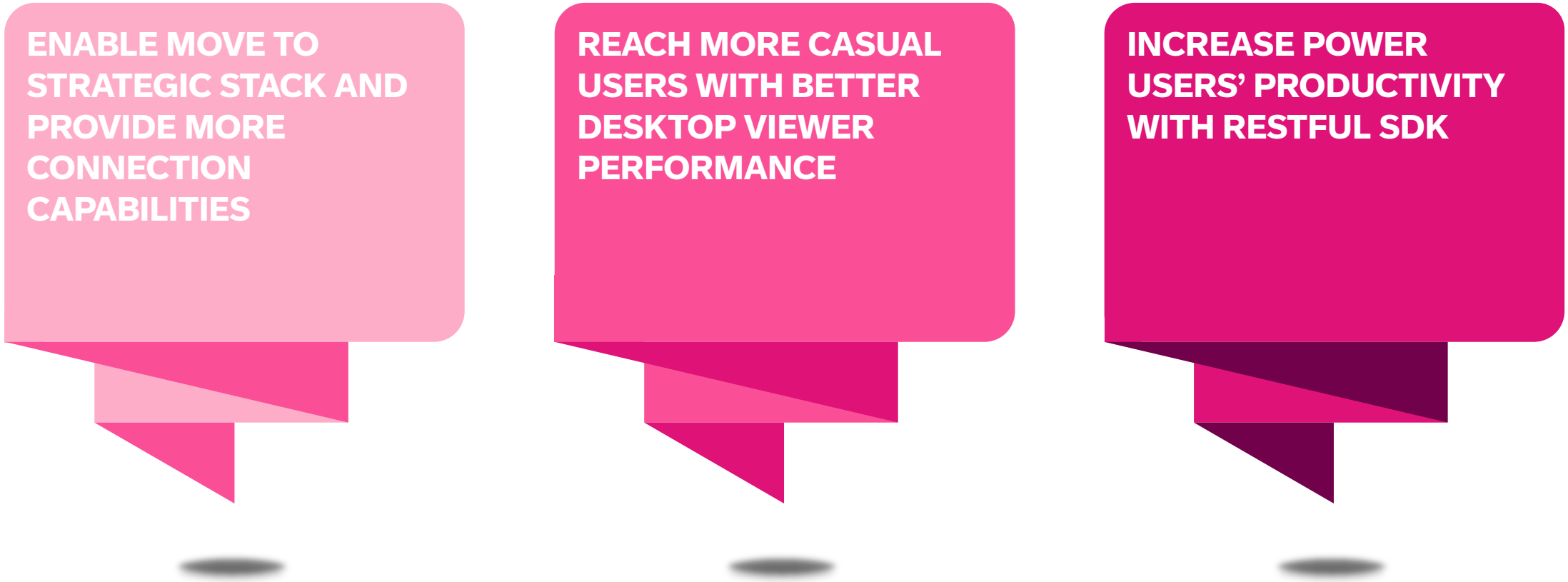
SAP BusinessObjects BI 2025

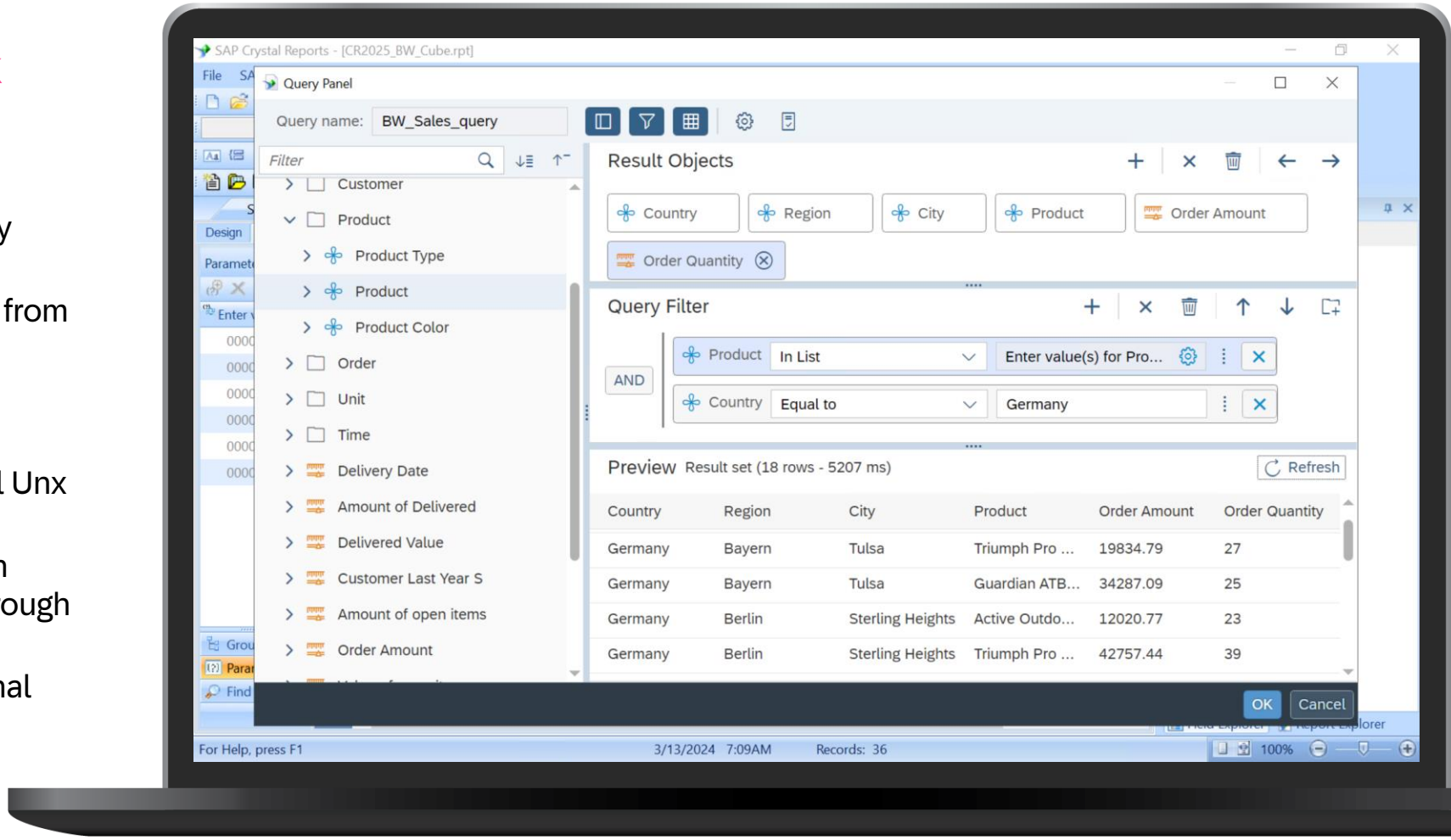
# Crystal Reports



# SAP BusinessObjects BI 2025
## Crystal Reports

### ENABLE MOVE TO STRATEGIC STACK AND PROVIDE MORE CONNECTION CAPABILITIES

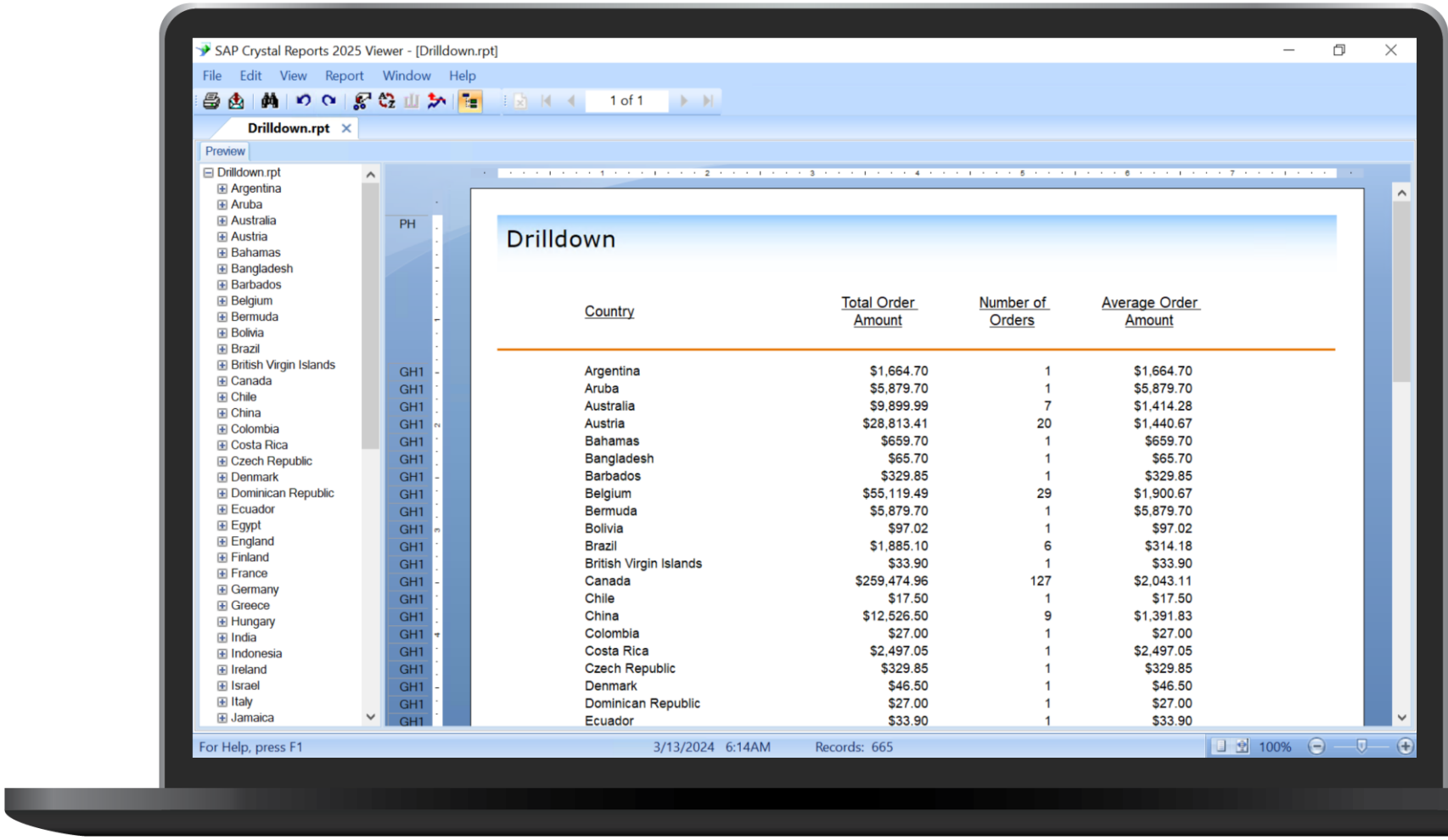
- Accelerate move to Crystal Reports 2025 by new “SAP BW (DSL)” driver
  - Simpler field mapping when moving from Crystal Reports for Enterprise
  - Better hierarchy support
  - Renewed parameter prompting UI
- Enhance Crystal Reports 2025 on relational Unx connection:
  - Keep your reports synchronized with underlying Universe or BW query through Verify Database function
  - Provide more flexibility with additional filter operators in Query Panel



# SAP BusinessObjects BI 2025
## Crystal Reports

### REACH MORE CASUAL USERS WITH BETTER DESKTOP VIEWER PERFORMANCE

- Better support of Crystal Reports 2025 reports, using the same report engine
- Access all data, interactivities, charts, and layouts even when disconnected
- Faster and reliable



# Product direction - Crystal Reports

## Recently delivered*

### 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

## Planned

### 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

## Future

### Further enhance CR SDKs

### Further strengthen connectivity capabilities

### Simplify move from CR4E to CR202x

### Improve CR202x Designer usability

* Up to SAP BusinessObjects BI 4.3 SP04, more exist

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

# SAP Analysis for Microsoft Office
## Statement of direction

### 2 complementary add-ins for Microsoft Office

A Cloud based edition, delivered through Microsoft Store

**SAP Analytics Cloud, add-in for Microsoft Excel**

A Windows Desktop edition, delivered by SAP

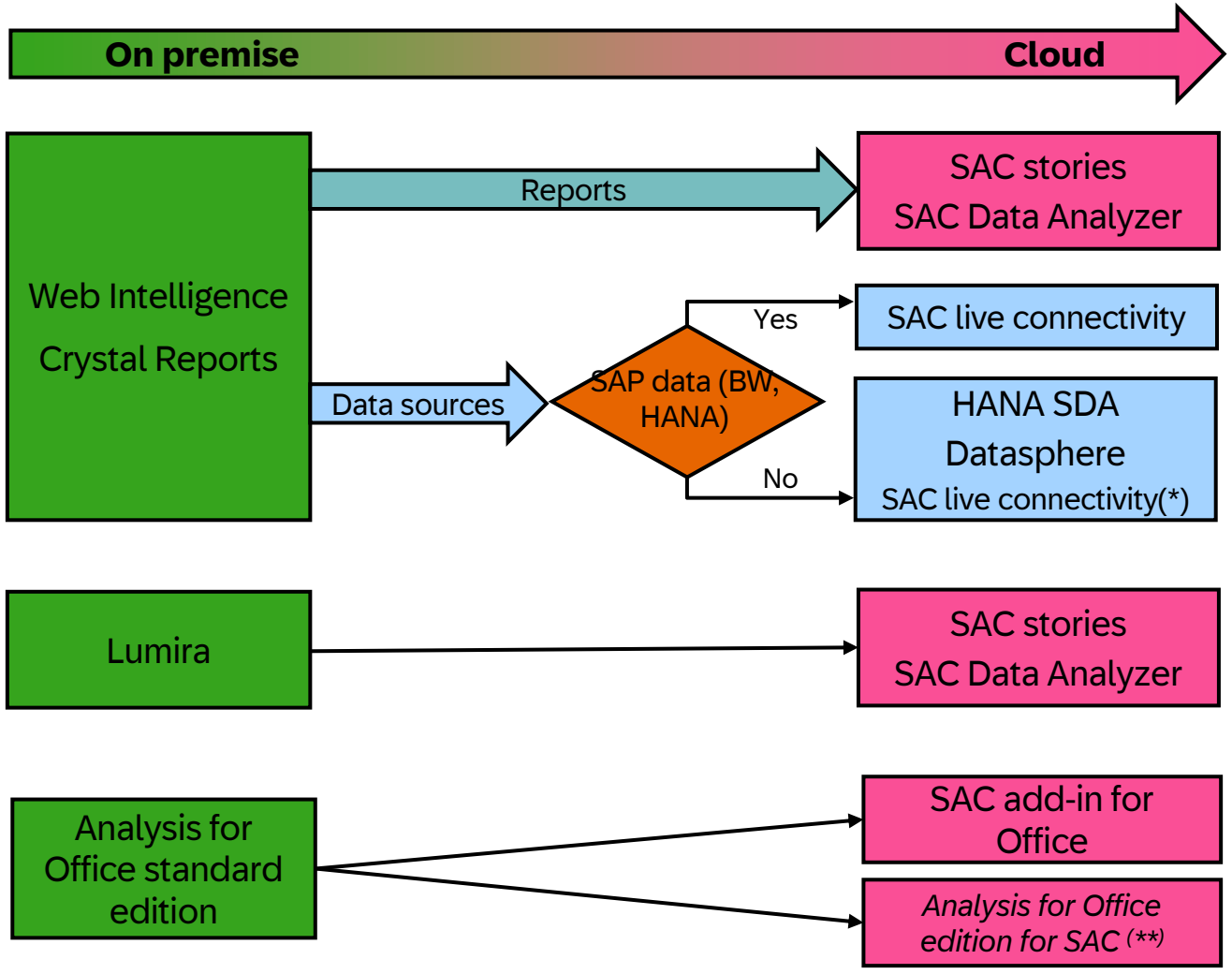
**SAP Analysis for Microsoft Office**

- Standard Edition
- Edition for SAP Analytics Cloud

**SAP Analysis for Microsoft Office** (also known as AO) continues to be an important add-in for multiple data sources like SAP BW, BPC, S/4, Group Reporting. It is designed for financial analysts who require analytical capabilities in Microsoft Excel. It can also be used with SAP Analytics Cloud and SAP Datasphere with limitations*. However, most enhancements will be delivered in SAP Analytics Cloud, add-in for Microsoft Office, which is not a successor to SAP Analysis for Microsoft Office but a brand-new solution, built on top of Microsoft Office 365.

*See PAM

**SAP BusinessObjects BI to SAP Analytics Cloud**
https://www.sap.com/products/technology-platform/cloud-analytics/extend-analytics.html#analyze




| Feature parity | Migration effort | Tools & services | Resources |
|---|---|---|---|
| Medium | Rebuild | **NDC Group** NDCCONVERTER for BusinessObjects<br>**Wiisdom** assessment tool | NDC converter brochure<br>Wiisdom website |
| High | Low | | |
| Medium | Medium | **APOS** Semantic Layer Migration | APOS website |
| High | Rebuild | Re-platforming service from Lumira to SAC from **SAP Max Attention** | Attila Ritzl' blog |
| Medium | Rebuild | | Jeanne Bigonnet's blog |
| High | Low | | |

(*) Planned for 2024 (**) No more investment

SAP Analytics Cloud

Analytics catalog
Centralized portal

Mobile app
iOS and Android

Stories | Data Analyzer | Ask | MS Office integration

**Business intelligence**

Data exploration
Dashboards and visualizations
Enterprise reporting

**Augmented analytics**

Conversational analytics
Automated analytics
Predictive analytics

**Enterprise planning**

Planning and forecasting
Collaboration and workflows
Predictive planning

**Platform Services**

| | | |
|---|---|---|
| Data connectivity | Content translation | Scheduling |
| Data preparation | Lifecycle mgmt | Collaboration |
| Data modeling | Auditing and monitoring | APIs and SDKs |

SAP Analytics

# Portfolio comparison by Use Case

| Business Intelligence | | | | | | | | | | Planning | Augmented Analytics | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High Volume Publications | Operational Reporting | Ad Hoc Reporting | MS Office Integration | Analytic Applications | Mobile | Dashboards | Data Exploration | Data Discovery | Content Catalog | Enterprise Planning | Conversational Analytics | Automated Analytics | Predictive Analytics |
| (*) | | SAP Analytics Cloud | | | | | | | | | | | |
| SAP BusinessObjects BI Suite | | | | | | | | | | | | | |

(*) For high volume publication workflows in SAP Analytics Cloud, we recommend 3rd party solutions, e.g.

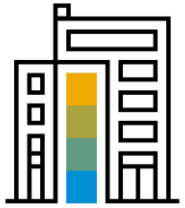
- https://www.apos.com/content/apos-publisher-sap-analytics-cloud
- https://biexcellence.com/products/biexport

# SAP Analytics Cloud + SAP BusinessObjects

## Hybrid Analytics as a Bridge

**SAP Analytics Cloud**

+



**SAP BusinessObjects BI**

| **Self-Service BI** | **Augmented Analytics** | **Enterprise Planning** | **Digital Boardroom** | **Analytic Applications** |
|---|---|---|---|---|
| Smart Data Wrangling | AI-Driven Search | Planning & Budgeting | Modern Analytics UX | **Reporting** |
| Data Exploration | Automated Insights | Events & Workflows | For Data Driven Businesses | **Office Integration** |
| Visualizations | Automated Discovery | Simulations | | |
| Dashboards | Predictive Analytics | Predictive Planning | | |

Hybrid Data Connectivity

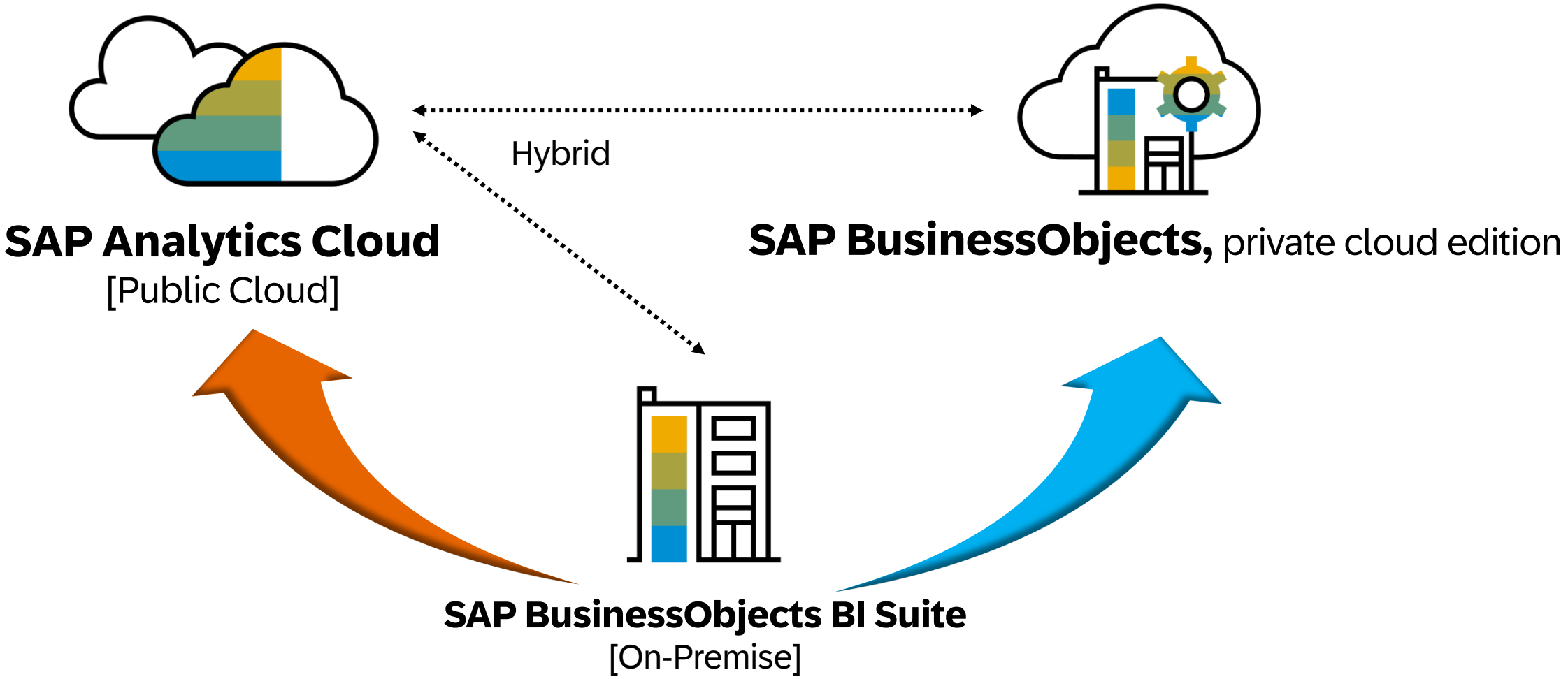
SAP Analytics Catalog

SAP BusinessObjects BI 4.3 Hybrid Innovations

BI Universe Semantic Layer and High Volume Publication

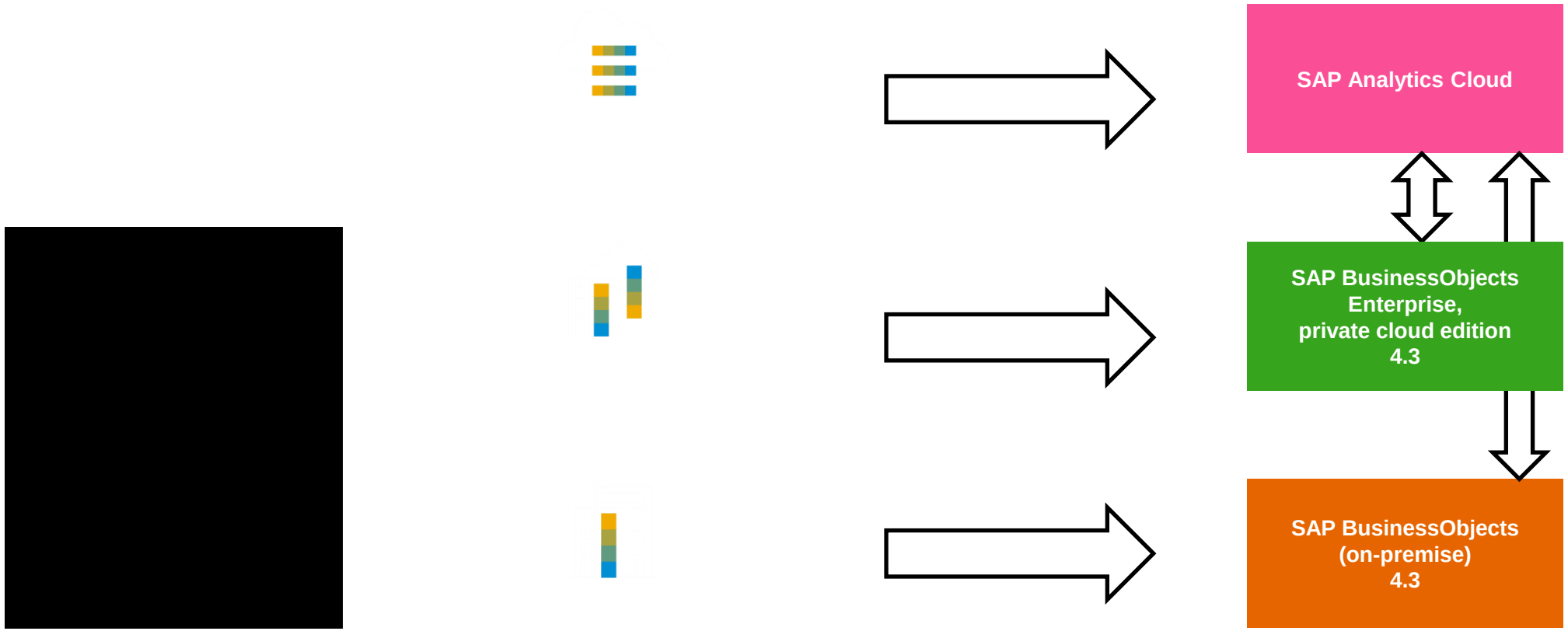
| Formatted Reporting | Analytic Applications | MS Office Integration |
|---|---|---|
| SAP Crystal Reports<br>SAP BusinessObjects Web Intelligence | SAP Lumira, designer edition | SAP Analysis for Microsoft Office |

# Journey to Cloud



SAP BusinessObjects Enterprise, private cloud edition

# Choose your deployment



SAP BusinessObjects Enterprise, private cloud edition

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=

Licenses

+

Infrastructure

+

Operations

+

Implementation

Onboarding

Customer Enhancements

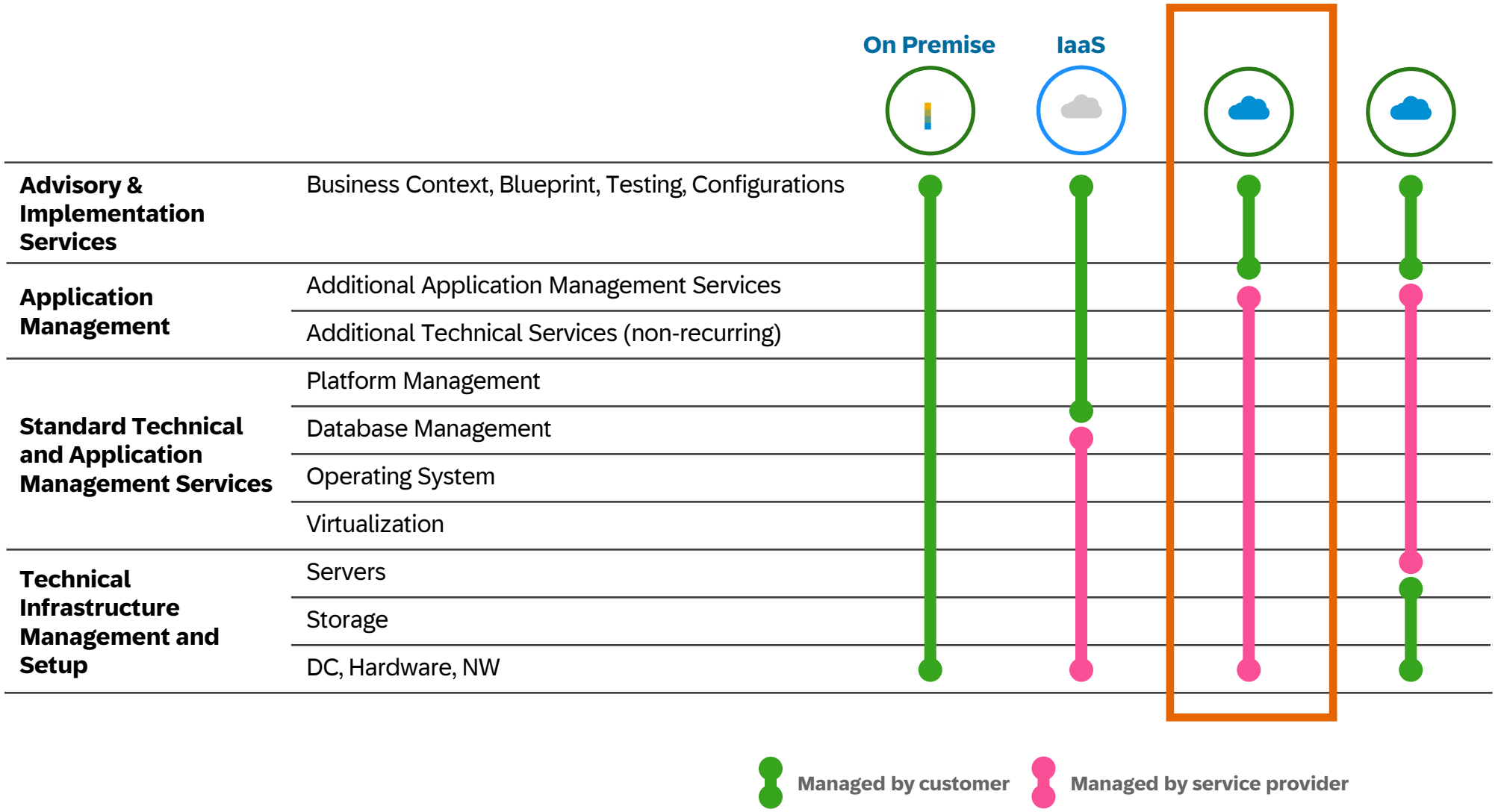
Optional Additional Storage and Application Servers

Optional Disaster Recovery

Optional Application Operations

SAP BusinessObjects Enterprise, private cloud edition

# Focus on added value business



# Thank you.

Contact information:

SAP Analytics Product Management

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