Move to the latest and best version of the SAP BI platform

By updating your on-premise installation to the most recent version of BI 4.3, you will enjoy a redesigned environment, added functionality, and enhanced interactivity with the cloud at a lower TCO.

BI4.3 optimizes existing resources by leveraging on-premise universes, documents and assets with innovations provided by SAP Analytics Cloud.

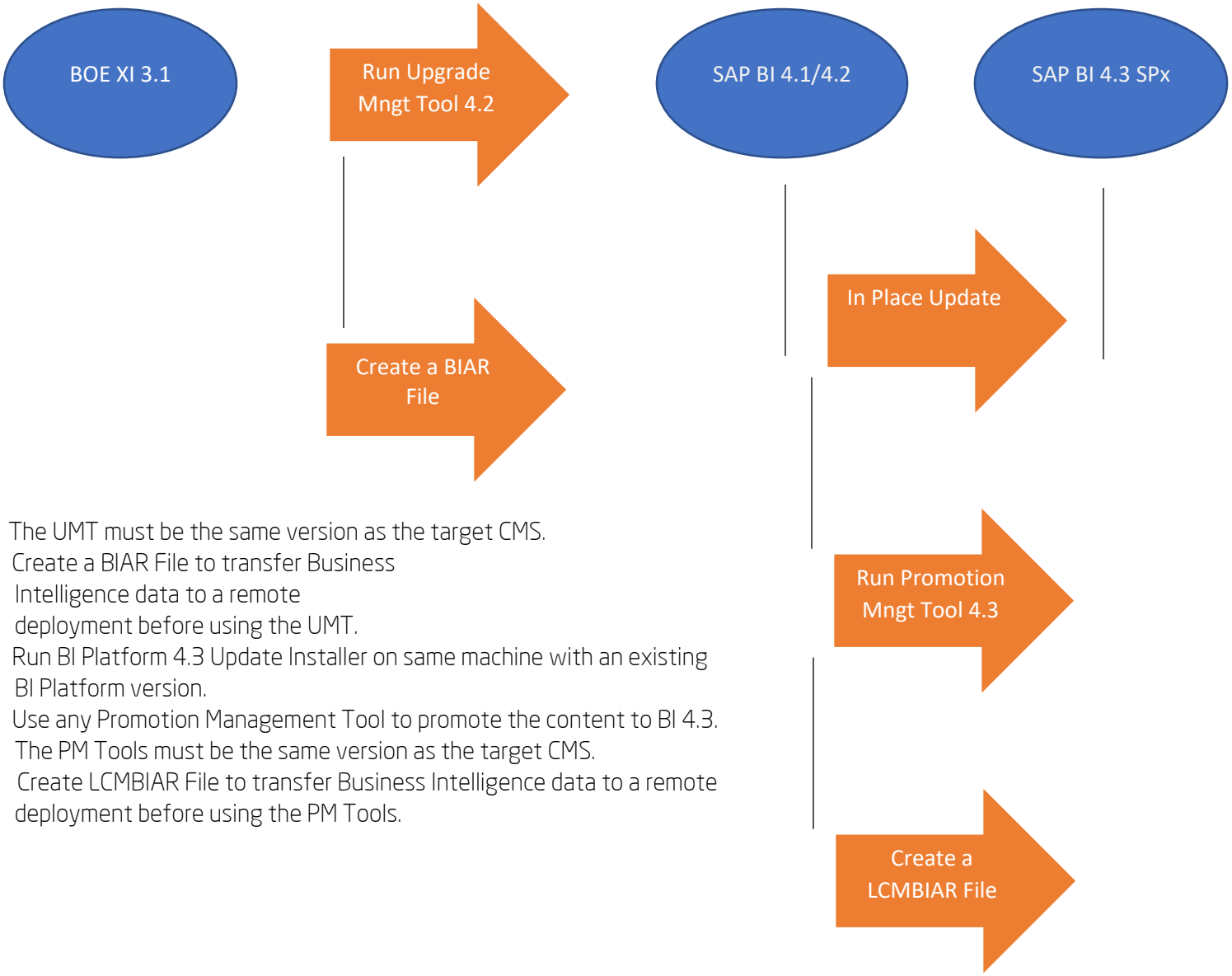
BI 4.3 provides a tighter integration between SAP BusinessObjects BI and SAP Analytics Cloud, including:

- Consumption of Web Intelligence data models with SAP Analytics Cloud
- Reuse of Web Intelligence documents to build new reports and assets
- Improved live connectivity between SAP Analytics Cloud, BusinessObjects universes and Web Intelligence
- Simplified single sign-on (SSO) configuration and user replication and synchronization across on-premise and cloud
- Better integration with SAP Analytics Hub, allowing SAP BI content to automatically appear as SAP Analytics Hub assets

Many organizations have or are planning a mixed landscape with on-premise and cloud (multi-cloud) technologies and data. This allows an organization to enable and manage all types of analytics across their business, whether on-premise and/or cloud.

Upgrade from SAP BI 4.x to SAP BI 4.3

There are different paths to Upgrading or Migrating BOBJ to this latest version based on where you are coming from. And your preferences.



1. The UMT must be the same version as the target CMS.
2. Create a BIAR File to transfer Business Intelligence data to a remote deployment before using the UMT.
3. Run BI Platform 4.3 Update Installer on same machine with an existing BI Platform version.
4. Use any Promotion Management Tool to promote the content to BI 4.3. The PM Tools must be the same version as the target CMS.
5. Create LCMBIAR File to transfer Business Intelligence data to a remote deployment before using the PM Tools.

Upgrade from SAP BI 4.x to SAP BI 4.3

Depending on the size of your BusinessObjects environment, an upgrade to the new version of BI 4.3 could be a complex process.

To have a successful migration, preparation is key. Your success will be reflective to how prepared everything is before going through the various stages of migration. Therefore, having a well managed BI deployment is important. A well managed BI deployment minimizes reactionary activities and embraces a more proactive environment that provides progressive ongoing development. This will result in having a BI environment that will enable better decision-making capabilities and increase return on investment.

Another consideration is migrating all your content which may affect system performance. Take time to review your content needs for information consumers and for any regulatory compliance requirements.

Migration of your business intelligence platform is an important move for your business. It allows your business to stay progressive with all the latest technologies that are available to ensure decision makers are getting the right data quickly. The migration will require detailed planning/preparation and focused execution. Migrating your current SAP BOE environment will require an experienced team to lead the way and ensure success. Our lead specialist has over 20 years experience with companies across the globe and is a SAP BOE certified migration specialist.

Our Migration Methodology

Kobaltek understands the importance of changing a business-critical enterprise system. The key to success for any migration is the focus on and application of best practices, as well as the implementation of a trusted and proven methodology. Our experts will work with your technical team and business users to provide the most adequate migration plan, which will consist of the following stages.

Important: Make sure you have a backup of your BusinessObjects platform and all its dependencies.

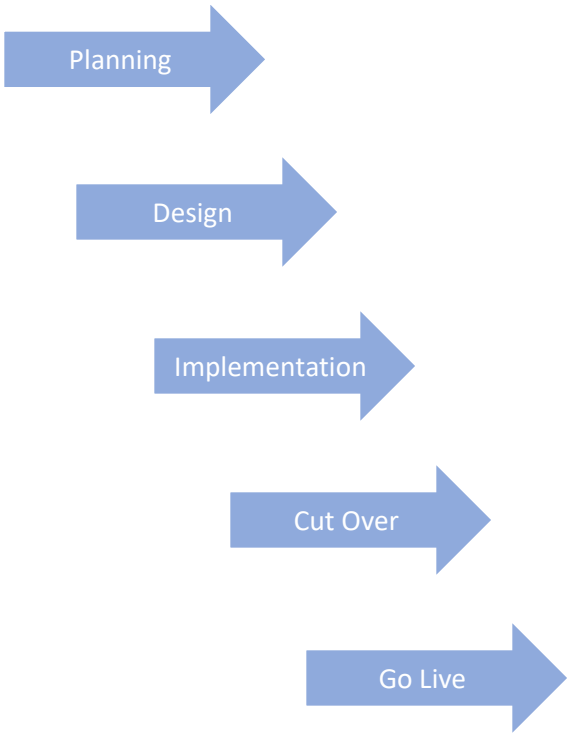
Make sure the last backup was successful and you have everything available in case you need to restore:

SAP BI Server

SAP BI System Database & Audit Database

SAP BI File Repository Server (FRS)

Typical Upgrade Timeline



Considerations before upgrading…

- Assessment – Magnitude of project
- Timeline and deadlines
- Resources
- Downtime
- Training

The Big Picture - BI Assessment

We have worked with organizations of all sizes and from various industries. Our BI specialists have years of experience working with companies on delivering the best in BI and data delivery. The first step in planning the best BI model is to do an assessment of your organization's current systems and requirements. This encompasses reviewing current infrastructure, environment, and licensing model.

A critical step going forward is determining the best-in-class hybrid analytics.

Activities

Infrastructure analysis

A thorough review of your current analytics architecture will allow us to design a fit-for-purpose architecture compatible with a hybrid analytics scenario.

BI content analysis

We will analyze the structure and usage and patterns of your different BI assets (universes, reports, dashboards, ...), schedules, and your security model to identify the critical BI assets that should be migrated.

License review

With many different legacy licensing scenarios involving SAP BusinessObjects, we will assess your specific use case and design the most efficient on-premises licensing model for your needs freeing up unused maintenance costs.

Analytics vision

We will review the current limitations and challenges of your BI environment and advise on transitioning to improved analytics capabilities to unlock new potential for your business users.

Gap analysis

To design the optimal hybrid analytics scenario, we work with your team to identify which SAP BusinessObjects functionalities we leverage and how to best capitalize on the capabilities of SAP Analytics Cloud to maximize end-user experience.

Deliverables

Analytics roadmap

A step-by-step transition roadmap towards a best-practice hybrid analytics platform taking into consideration your critical enterprise BI assets, infrastructure, and licensing, as well as your short and long-term objectives.

Migration plan

A plan that ensures your current SAP BusinessObjects environment is migrated without impacting business activities while focusing on your critical enterprise BI assets, providing a stable architecture setup on-premises or a hybrid analytics scenario with SAP Analytics Cloud.

TCO & business case

An outline of your options to reduce costs by right sizing your SAP BusinessObjects maintenance spending so that you can pave the way towards an optimized TCO with SAP Analytics Cloud.

Choosing the Best Data Migration Strategy

Full System Upgrade

The migration is done all at once, often over a single weekend. When users log in at the beginning of the next week, they log into the new system, and the old one is completely offline. This avoids having to run both the old and new systems simultaneously.

Since no production operations are taking place, the interval between moving from old to new environment is smooth. The necessity of synchronizing the two environments is eliminated.

However, this approach is only suitable for businesses that do not require their environments to be online 24/7.

Also, if any challenges occur during the migration process, it could have an impact on the company's operations if timeline is exceeded.

Due to these exposures, the full system approach is considered relatively high risk, and works best when the amount and complexity of data to be migrated is small.

Parallel Systems

Should there be two or more versions of a similar system that need to work side by side for temporary or indefinite period., Kobaltek consultants have the expertise to manage coexistence systems. Our consultants have worked with diverse technology architectures in multiple vertical and horizontal sectors. Let us plan, build and deploy SAP BI 4.3 so it integrates with your existing infrastructure.

Parallel adoption is a method of hardware or software migration that involves using the existing and new systems simultaneously until the implementation is judged to be complete and satisfactory. During the transition, users work with both systems as they gradually learn the new software.

No two customer environments are the same. For this reason. We will customize our migration services to fit your needs and provide you with the most efficient and cost-effective migration package, implementing the best practice phases outlined...

Planning a successful migration

Scoping Engagement

Phase 1

- Complete audit of existing environment to determine full scope of specific migration requirements.
- Gather information about alternative migration paths so that you minimize any loss in functionality or productivity. Recognize the pros and cons of each migration option so that you make the best choice for each application.

Planning

Phase 2

- Plan out the new BI 4.3 environment design based on customer's current SAP BusinessObjects implementation and future requirements.
- Plan the new architecture, including the configuration of hardware and software components.

Implementation & Customer Testing

Phase 3

- Implement the migration plan.
- Determine which migration approach you will use. Design and build the applications.
- Migrate by conversion or redesign and test, or set up interoperability.
- Testing reports, Universes etc. in new environment

Training

Phase 4

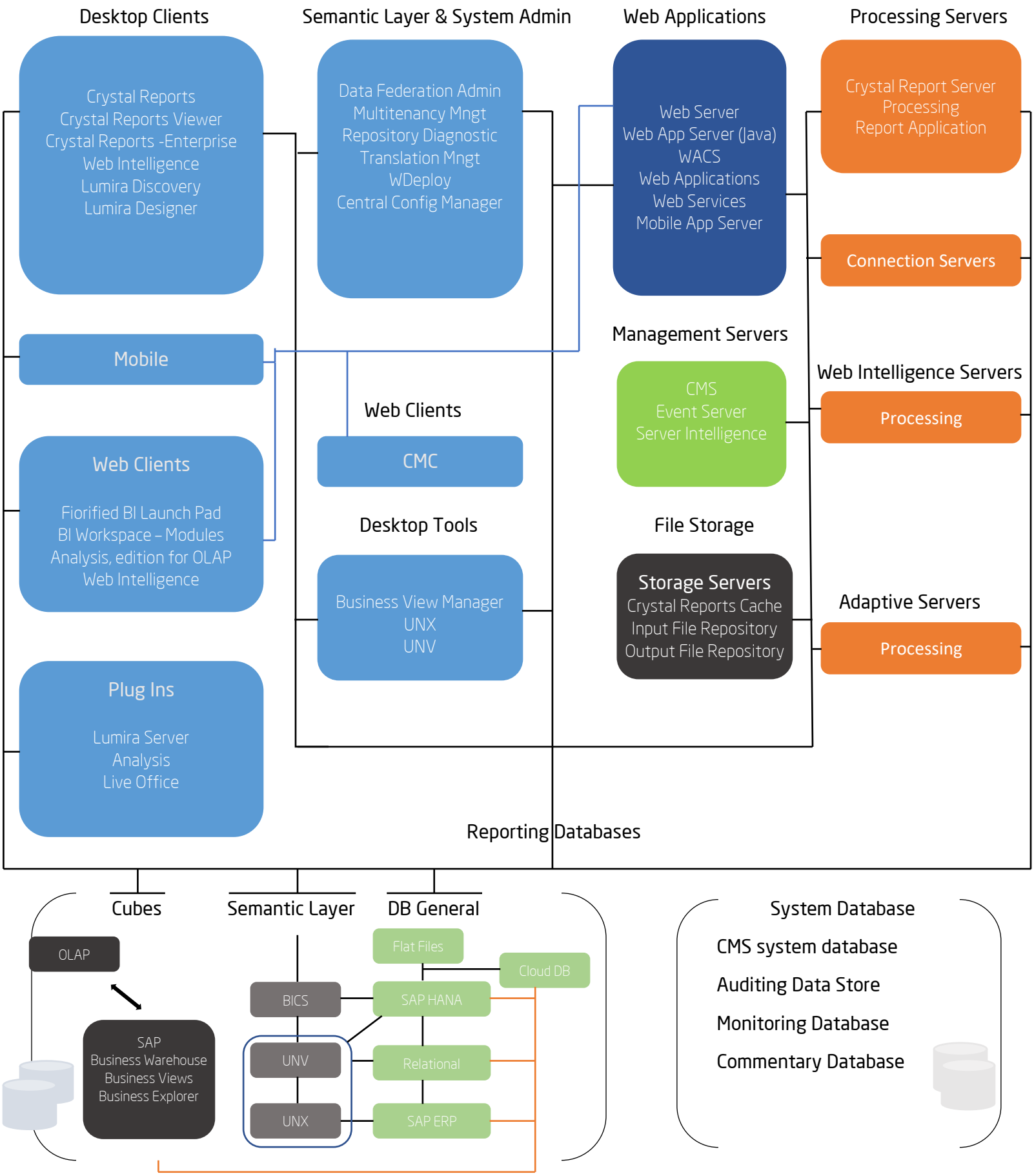
- Put the solution in the hands of users and prepare the application for continuing operation.
- Establish and define support systems and processes. Develop training for users.

Production Implementation

Phase 5

- Production implementation and cut over from old SAP BusinessObjects systems.
- After a successful migration, you will have a working environment that works significantly better than before and takes advantage of new features and functionality.

SAP BusinessObjects BI Platform 4.3 Architecture



Why migrate with Kobaltek?

- ✓ Experienced and certified SAP BusinessObjects team - over 20 years
- ✓ Detailed processes - from guidance, knowledge transfer to hands on support
- ✓ Delivery - Timely process to increase ROI
- ✓ Efficient and cost-effective migration packages
- ✓ Best practice implementation services
- ✓ Minimize risk and help meet your organizations BI needs.
- ✓ SAP BusinessObjects Extended solutions

Looking to migrate to SAP 4.3?

Our group delivers full upgrade services or partial depending on requirements.

Contact us for GAP analysis.

Whether on-premises or looking to design optimal hybrid analytics scenario, we work with your team to identify which SAP BusinessObjects functionalities are best to capitalize on.

We look to maximize an end user experience with SAP Analytics Cloud.