

# BUSINESSOBJECTS XI RELEASE 2

What's Changed for Existing Version 5 and 6 Customers

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## INTRODUCTION

**Do you have both Crystal Reports® and BusinessObjects™ deployed in different parts of your organization?**

BusinessObjects XI Release 2 integrates Business Objects products and Crystal Reports onto a single platform, allowing you to consolidate and standardize your business intelligence (BI) deployments and lower your total cost of ownership (TCO) with reduced maintenance, hardware, end-user training, and support costs.

**Are your end users faced with information overload, lack of productivity, lack of trust in the information, and the inability to access timely information for decision-making?**

With better ad hoc access to data and Microsoft Office integration, BusinessObjects XI Release 2 increases your end-users' productivity. Robust search capabilities reduce the time and effort your users spend finding the specific piece of data or report they need to answer their business questions. BusinessObjects Live Office lets you integrate BI information in your familiar Microsoft Office environment—delivering an easy and efficient way to embed accurate, refreshable corporate data within your Microsoft PowerPoint, Excel, and Word documents. Plus, you can share any resulting Office documents over the web for collaborative decision-making. BusinessObjects XI Release 2 also provides more trusted information via report metadata and data lineage.

**Are you faced with reporting backlogs, high training and deployment costs, high volume of end-user calls about fine-tuning reports, and lack of time to focus on strategic projects?**

BusinessObjects XI Release 2 enables your end users to be even more self-sufficient, giving them ad hoc access to information. Its web-based BI and service-oriented architecture (SOA) ensures lower deployment costs and less time spent supporting your end users.

BusinessObjects XI Release 2 builds on the proven and trusted BusinessObjects XI platform. The current release of the complete product line from Business Objects, BusinessObjects XI Release 2 delivers improved simplicity for end users, increased trust in data, and the opportunity to standardize on a single BI platform.

BusinessObjects XI Release 2 is the only BI platform that delivers a complete set of end-to-end BI capabilities—best-in-class performance management, reporting, query and analysis, and data integration.

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**Audience:** This paper is intended for IT executives in organizations with an existing BusinessObjects v5/6 deployment.

# WHY MIGRATE TO BUSINESSOBJECTS XI RELEASE 2?

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BusinessObjects XI Release 2 incorporates BI to help your company achieve competitive advantage and strategic differentiation. With the latest BusinessObjects XI innovations, your organization can go beyond what traditional BI tools offer and easily adapt to changing business requirements, delivering trusted information to people—anywhere, anytime, in any format.

By moving to the most advanced and complete platform in BI, you're taking a big step towards investing in a BI strategy that better fits your evolving business requirements.

## **MINIMAL DISRUPTION FOR EXISTING FULL-CLIENT DEPLOYMENTS**

BusinessObjects XI Release 2 offers an excellent opportunity for all of our customers to consolidate and standardize their BI platform. This latest release includes BusinessObjects Desktop Intelligence™ (formerly known as BusinessObjects—our full-client product), making it easy for customers who've invested in that technology to protect their existing investment while still moving to the new XI platform.

## **GREATER BUSINESS INSIGHT WITH AD HOC ACCESS TO DATA FOR MORE USERS**

BI traditionally focused on business analysts and IT. Many industry analysts and surveys estimate that only about 15% of potential BI users are taking advantage of BI today—yet making decisions is a crucial part of everybody's job.

XI Release 2 provides web-based ad hoc access to data via BusinessObjects Web Intelligence®. Leverage your existing investment in Business Objects universes and reports using the report conversion tool provided in XI Release 2 to convert your existing full-client reports into a Web Intelligence format.

## **INCREASED INFORMATION TRUST**

Compliance requirements—such as the Sarbanes-Oxley Act (SOX), Basel II, and mandates from the U.S. Food and Drug Administration (FDA)—call for organizations to be accountable for their business operations and corporate information. Consequently, organizations must establish internal controls and procedures to provide timely, accurate, and auditable data that can be verified by management. In light of the risks and challenges involved with some of these regulations, companies need trusted information they can track back to the source systems.

We've architected BusinessObjects XI Release 2 with information trust capabilities—including data quality extract, transform, and load (ETL) to a security-enabled platform with system auditing and the capability to present data lineage information to end users via end-to-end BI capabilities on a single platform.

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One of the key benefits of end-to-end BI is the ability to manage the flow of data and provide value for different users. Three key examples are:

- **Impact analysis.** It's important for database administrators and report writers to know the impact of changes they make to end-user reports and dashboards in order to effectively plan maintenance and enhancements to the systems.
- **Data traceability.** It's vital that end users understand data lineage—so they can trust data in order to make key business decisions.
- **Single version of the truth.** Having all data managed by a single system ensures your whole organization communicates effectively, using consistent terms and data definitions while eliminating frustrating discussions about who has the “right” data when there are apparent conflicts.

### **LOWER TOTAL COST OF OWNERSHIP VIA BI STANDARDIZATION**

By moving to a full web-based BI environment, and standardizing on a single BI platform for all your BI needs, BusinessObjects XI Release 2 represents a unique opportunity for you to evolve your overall BI strategy and lower your TCO. For the majority of long-time Business Objects customers, this means examining how their organizations currently use the BusinessObjects full client for enterprise and departmental query, reporting, and analysis. BusinessObjects XI Release 2 includes full platform-level support for Desktop Intelligence, ensuring a smooth transition path to BusinessObjects XI for all existing customers. At the same time, we've significantly enhanced Web Intelligence with interactive viewing and query-authoring capabilities—so you can move to a 100% web-based environment for query and analysis.

By globally deploying the Web Intelligence XI centralized architecture, you can considerably lower your TCO. And thanks to extranet-ready security and administration of the BusinessObjects Enterprise XI BI platform, you can extend the reach of Web Intelligence's analysis and interactivity beyond the enterprise and maximize your data assets by providing query and analysis to external users.

Reducing the number of BI technologies in your organization can result in significant cost savings (through elimination of duplicated costs such as evaluation, deployment, training, and support), greater control over information, and better alignment with your business users. This leads to increased competitive advantage by fully exploiting the power of BI. These standardization savings tie nicely into a strong return on investment (ROI) through faster, more consistent, and more complete BI.

# BUSINESS INTELLIGENCE PLATFORM CHANGES

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## **BUSINESSOBJECTS ENTERPRISE XI RELEASE 2**

BusinessObjects Enterprise XI Release 2 extensively leverages the proven Crystal Enterprise architecture. Based on an SOA architecture that ties all components and services together, it's been recognized as a highly scalable, reliable, and powerful platform.

## **NEW INFOVIEW PORTAL**

BusinessObjects XI Release 2 includes an all-new InfoView BI portal, which can display Crystal Reports, Web Intelligence, Desktop Intelligence, BusinessObjects Voyager, and Crystal Xcelsius™ reports, dashboards, and scorecards.

Report consumers who view Desktop Intelligence reports in the InfoView portal will see a number of enhancements, including a new HTML viewer, which delivers page-by-page viewing of Desktop Intelligence reports. This type of display provides an enhanced user viewing experience. Customers who used the BusinessObjects version 5 and 6 ActiveX viewer to print reports can now use the new PDF-based printing functionality available in InfoView.

## **NEW SCHEDULING**

BCA Scheduler functionality is now part of the BusinessObjects XI Release 2 BI platform. Scheduling in XI Release 2 is flexible, scalable, and fault tolerant. Incorporated into the central management server (CMS) are many options for scheduling, including custom business calendars.

## **NEW PUBLISHING**

BCA Publisher functionality has been incorporated into XI Release 2 and is now called Publishing. Publications built in BusinessObjects versions 5 or 6 will need to be recreated manually with the new XI platform as no automated migration is provided via the migration tools.

## **NEW AUDITING**

Auditing is an integrated part of the BusinessObjects Enterprise XI Release 2 platform, and allows auditing of all the server objects. Auditing of Desktop Intelligence activity will be enhanced in a future release.

## **NEW ADMINISTRATION TOOL**

The BusinessObjects XI Release 2 platform comes with a new centralized web administration tool, the central management console (CMC), which allows you to manage your BI deployment anywhere via a browser. The CMC interface differs

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from Supervisor, and we highly recommend getting trained on the new platform concepts and interfaces or even deploying BusinessObjects XI Release 2 as a pilot before planning a migration.

### **NEW SECURITY MODEL**

The new security model in BusinessObjects XI Release 2 is very different from the one in BusinessObjects versions 5 and 6. BusinessObjects XI Release 2 security is access control list (ACL)-based and resource-centric (folders, universes, documents). This release offers much more granularity and flexibility with a simplified security model, allowing you to secure access rights per application without the need for duplicating the user (creating user instances) in different groups. For example, a user can refresh access for the HR reports, but refresh and edit access for the manufacturing reports.

Documents in the BusinessObjects XI Release 2 repository can be organized in a hierarchy of folders similar to a Windows folder structure, whereas in versions 5 and 6, documents could only be arranged in a flat structure within document domains.

The decision to automate the security migration via the migration tool (the Import Wizard) impacts the whole migration approach. The question of security migration is an important one—you should determine it early on in the planning process. In general, we recommend that large enterprises (those with complex deployments) not use automated migration tools to migrate existing security from versions 5 and 6 to the new BusinessObjects XI Release 2 security. Instead, we recommend that you recreate a clean security model using BusinessObjects XI Release 2. You can import the list of users and groups automatically, but we recommend that you apply the security rights with the BusinessObjects XI Release 2 CMC console directly to leverage the new security concepts and model. For smaller, simpler deployments, you can use the Import Wizard to automate security migration.

A security viewer utility is available with XI Release 2 and displays a user-centric view of the security. This utility helps customers moving from versions 5 and 6 to visualize their BusinessObjects XI Release 2 security settings the way they did in Supervisor. The security viewer is available for download on the Business Objects customer support website.

Many customers using versions 5 and 6 have deployed advanced security systems. The BusinessObjects XI Release 2 Import Wizard will help migrate their security—both access control and universe overloads. However, because the two security models are so different, the migration process is a good time to reevaluate the security schema and redefine it from the ground up. Although rebuilding security represents an initial investment, this investment will pay off and greatly reduce ongoing maintenance.

## NEW DEPLOYMENT MODES

The distributed deployment via distributed repositories in versions 5 and 6 can be achieved differently with the XI platform—distributed clusters offer the same deployment benefits from a distributed environment.

## CUSTOMIZATION VIA SDK/VBA

Many customers used the software development kits (SDKs) in versions 5 and 6 for portal customization, advanced scheduling, or publishing. Some of these are available with the XI Release 2 platform; however, you may need to reimplement some custom code.

The BusinessObjects and Designer SDKs are available in BusinessObjects XI Release 2 with minor changes. Changes related to the platform (e.g., login and import/export) are documented.

For the Web Intelligence SDK, only the query and analysis SDK for JSP (REBEAN) is still available. RECOM, the query and analysis SDK for ASP, and the platform SDK for ASP and JSP (WICOM and WIBEAN) are no longer available.

## PROMOTION OF BI CONTENT

Once you've moved BI objects (reports, universes, connections, etc.) from a legacy system (version 5 or 6) to an XI Release 2 development environment, you will need to promote those objects from development to test to production (in a typical lifecycle management scenario). The promotion tool available with XI Release 2 is the Import Wizard. The Import Wizard can be used both for migration (when the source system is a legacy system) and for promotion (when the source system is XI Release 2). Importing objects from an XI Release 2 environment to another XI Release 2 environment can be done in two ways:

- Direct import with the Import Wizard from the source CMS to the destination CMS
- Import through a BI Archive Resource (BIAR) file

When you promote objects, you should use the Import Wizard to make sure that object IDs (CUIDs) are preserved and referential integrity is maintained. For example, relationships established between a report and a universe in the source system will only continue to work in the destination system if the CUIDs are the same in both systems.

Please use available training and documentation to familiarize yourself with the Import Wizard, object CUIDs, and object promotion.

# BUSINESS INTELLIGENCE CLIENT CHANGES

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## **BUSINESSOBJECTS FULL CLIENT**

BusinessObjects XI Release 2 includes full platform support for Desktop Intelligence, formerly known as BusinessObjects full client, to allow a smooth transition path for all existing customers who have invested in that technology.

Desktop Intelligence is available in all of the current BusinessObjects deployment options:

- Offline mode (no connection to a network server)
- Client/server mode
- Three-tier mode
- Workgroup mode

When deployed in three-tier mode, the ability for end users to automatically download and install Desktop Intelligence isn't available in BusinessObjects XI Release 2. You can either install client software from the product CD or automate the deployment with a third-party tool.

## **SCHEDULING FROM FULL CLIENT**

"Send to Inbox" is no longer available within Desktop Intelligence. However, you can still send Desktop Intelligence reports to other users from within the InfoView portal.

"Send to BCA" is now called Schedule Desktop Intelligence report, and is available in BusinessObjects XI Release 2 SP2, both within Desktop Intelligence and within the InfoView portal

## **BUSINESSOBJECTS FULL-CLIENT REPORTS BASED ON OLAP SOURCES**

A new, user-friendly user interface based on online analytical processing (OLAP) universes is now available in Web Intelligence for accessing OLAP sources and OLAP data providers that are no longer available in Desktop Intelligence. Desktop Intelligence reports with OLAP data providers are migrated by the Import Wizard, but the OLAP data providers in the migrated reports can no longer be refreshed after migration. Here are the available options if you need to recreate those reports:

- Full-client reports based on SAP BW can be rebuilt using the new OLAP universes available in Web Intelligence.
- Full-client reports used for enterprise reporting can be recreated using Crystal Reports.

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- Full-client reports that require user interaction (drill, sort, filter, calculations, formatting, etc.) over the web should be converted to Web Intelligence. Web Intelligence XI Release 2 features OLAP universes for Microsoft Analysis services, Hyperion Essbase, and SAP BW.

### **VBA MACROS**

Microsoft Visual Basic for Applications (VBA) macros are still supported in XI Release 2 and most VBA macros developed for versions 5.1 and 6.x still work in XI Release 2. Macros that work at the document level (e.g., macros that execute queries, filter a report, or reformat a report) will continue to work in BusinessObjects XI Release 2.

However, platform-related macros will need to be updated to reflect the new underlying BusinessObjects Enterprise SDK. Here's a summary of the key changes in XI Release 2:

- **SDK name.** In BusinessObjects XI Release 2, the SDK itself is called the Desktop Intelligence SDK. "ProgIDs" and other technical names used in code have not changed for compatibility with previous versions.
- **Repository interaction.** Login, document send/retrieve, and reference to repository universes will require a code update.
- **VBA add-ins are no longer supported server-side** (but VBA macros are).

### **BUSINESSOBJECTS FULL-CLIENT REPORT CALCULATOR ENGINE CHANGE**

Desktop Intelligence XI Release 2 is based on the BusinessObjects 6.5.1 code line and it provides a new, improved calculation engine. The new calculation engine may impact your report values after migrating to Desktop Intelligence in XI Release 2; a report comparison tool is provided to detect changes that might have occurred in full-client documents during the migration process as a result of the calculation engine. Refer to chapter 15 of the migration guides for more details.

### **BUSINESSQUERY FOR EXCEL**

BusinessQuery for Excel is being replaced by BusinessObjects Live Office in XI Release 2. Live Office is not only available from within Microsoft Excel but also Word and PowerPoint. However, the SmartSpace feature available in BusinessQuery is not available in Live Office. With Productivity Suite, Live Office users can use a query panel to access data, making it easier for BusinessQuery users to transition to BusinessObjects XI Release 2.

## WEB INTELLIGENCE

BusinessObjects XI Release 2 comes with a new and improved Web Intelligence. Some of the features include:

- An all-DHTML environment, optimized for consumption rather than authoring, letting users “walk before they run” by exposing minimal functionality to new users, but letting them—or administrators—progressively turn on more functionalities as they get more comfortable with the interface
- The ability to see the technical metadata behind any report—who authored the report, when it was last refreshed and how long it took, and how the report formulas are defined
- Users can hold discussion threads around individual Web Intelligence documents

Web Intelligence XI Release 2 has been enhanced to deliver query-authoring power and ease-of-use interactivity features, so organizations can broaden the reach of ad hoc analysis through a zero-client interface. Enhancements include:

- Synchronized multiple data providers that allow users to bring together data from two universes into a single table or chart and then explore this information
- Combined queries using the Union, Intersect, and Minus operators
- Access to OLAP data via universes
- Subqueries, allowing users to use the result of a query as a filter for another query
- Conditional queries
- Manual SQL editing

Additionally, Web Intelligence XI Release 2 provides greatly enhanced report creation capabilities, such as:

- Both database-server ranking and report content ranking
- Custom sorting
- Advanced formula language functions

Finally, Web Intelligence XI Release 2 provides the ability to view the ETL metadata from BusinessObjects Data Integrator. This allows users to view data lineage information, such as the source tables, where the report data came from, and any expression executed to create the final data. This information adds to the existing

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metadata displayed in the Web Intelligence report to ensure users have the highest confidence in the data that is presented to them.

### **WEB INTELLIGENCE OLAP AND OLAP INTELLIGENCE**

We recommend customers using Web Intelligence OLAP or OLAP Intelligence move to Voyager, the new OLAP client provided as part of Productivity Suite. (Web Intelligence users are automatically licensed to use Voyager). No automated migration is provided, although it should be fairly simple to recreate analyses using Voyager.

### **REPORT MIGRATION**

BusinessObjects XI Release 2 comes with an import wizard to help migrate your existing reports from your legacy system into the new BusinessObjects XI Release 2 repository. Supported legacy systems include versions 5.1.4 and up, 6.0 and up, and CE 8.5 and up. Customers planning to move a large number of full-client reports to BusinessObjects XI Release 2 should first assess the validity of those reports. Some reports may have become obsolete or redundant over the years.

The Import Wizard applies the following imports and transformations:

- Crystal reports are imported as Crystal reports
- Full-client reports are imported as Desktop Intelligence reports
- Web Intelligence reports (6.0 and higher) are imported as Web Intelligence reports

Legacy Web Intelligence reports (2.7 and earlier, wqy format) are imported and converted to the new Web Intelligence format (wid).

# CONVERTING BUSINESSOBJECTS FULL-CLIENT REPORTS TO WEB INTELLIGENCE

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There are multiple benefits associated with converting Desktop Intelligence reports to Web Intelligence, including:

- Easier deployment
- Interaction with web display of reports
- Greater scalability

Report conversion is optional when moving to BusinessObjects XI Release 2. You will have to assert whether you want to perform a straight migration of full client reports to Desktop Intelligence, or a migration plus a conversion. Please note that migration of full-client reports to Desktop Intelligence is required before performing report conversion.

## REPORT CONVERSION TOOL

There is a report conversion tool in BusinessObjects XI Release 2 that automatically converts most existing full-client reports into Web Intelligence format. Depending on the complexity of the Desktop Intelligence report, the conversion will be complete, partial, or will not happen. For example, Desktop Intelligence reports containing VBA macros will be partly converted because VBA macros are not available for Web Intelligence. Partly converted Web Intelligence reports will require manual intervention, which may range from light reformatting to formula editing. Please check the report conversion tool guide for additional details.

The report conversion tool requires universes to convert Desktop Intelligence reports to Web Intelligence. Desktop Intelligence reports are unchanged by the conversion process, so you can choose to use the original Desktop Intelligence report or the Web Intelligence report after conversion.

## DESKTOP INTELLIGENCE VS. WEB INTELLIGENCE

Some Desktop Intelligence features are not available in Web Intelligence:

- Specific data providers (personal data providers, free-hand SQL and stored procedures)
- Query on query
- Reporting features (hide/show objects, complex report filters and multi-level breaks)
- Fold/unfold
- VBA macros

Our goal is to make Web Intelligence better than Desktop Intelligence so all full-client reports can be converted to Web Intelligence over time.

# APPLICATION FOUNDATION AND PERFORMANCE MANAGEMENT

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Customers using Application Foundation 6.1 or 6.5 will be able to move to Performance Management XI Release 2 using the Import Wizard. The Application Foundation repository structure in XI Release 2 is similar to the 6.5 repository structure (no deep architecture change). Only dashboards, analytics, and schedules are referenced as Info objects and live outside the Application Foundation repository. Metrics are still stored in the Application Foundation repository.

## **DASHBOARDS, ANALYTICS, AND SCHEDULES**

Application Foundation 6.x customers can use the Import Wizard to import dashboards, analytics, and schedules from the Application Foundation 6.x repository into the CMS repository.

## **OTHER APPLICATION FOUNDATION RESOURCES**

Other Application Foundation resources will remain in the Application Foundation repository; you simply need to update the Application Foundation repository. There is a separate Performance Management repository in XI Release 2 that has the same structure as the Application Foundation repository.

## **PROMOTION OF EPM OBJECTS**

Once you have moved Application Foundation objects to an XI Release 2 development environment, you'll need to promote enterprise performance management (EPM) objects from development to test to production. A new version of the Performance Management Deployment Tool (PMDT V2) is available to ensure a smooth promotion of EPM objects. PMDT V2 can be downloaded from our customer support site.

# CHANGES SUMMARY TABLE

The following table gives a high-level overview of the changes between the legacy versions and BusinessObjects XI Release 2.

	WHAT'S NEW IN BUSINESSOBJECTS RELEASE 2	CHANGES AND RECOMMENDATIONS
SECURITY MIGRATION	New security model	Best practice is to rebuild security in XI Release 2
DESKTOP INTELLIGENCE	Unicode support, report instances	OLAP data providers only available in Web Intelligence
FULL-CLIENT DOCUMENTS	Desktop Intelligence is based on BusinessObjects 6.5.1	New, improved calculation engine changes may impact report values after migration from version 5
VBA MACROS	Automated/some tuning required	VBA macros with platform-based calls will need to be updated
BUSINESSOBJECTS FULL CLIENT TO WEB INTELLIGENCE CONVERSION	A report conversion tool is provided to automate report conversion	The tool helps convert reports but does not always provide 100% automated conversion. Manual intervention is sometimes required.
AUDITING	Auditing is now part of the BusinessObjects Enterprise platform and sample audit reports can be viewed in InfoView	Not all full-client events logged in 6.5 are logged in XI Release 2
SCHEDULING	New calendars	Not all BCA Scheduler jobs can be recreated on the XI platform
PUBLISHING	New publishing is completely integrated with the XI platform	Not all BCA Publisher publications can be recreated on the XI platform
LEGACY WEB INTELLIGENCE TO NEW WEB INTELLIGENCE	Web Intelligence XI Release 2 provides much new functionality. Migration is performed by the Import Wizard.	Formatting changes may occur when converting from the legacy (wqy) report format to the new (wid) report format
SDKS AND CUSTOM APPLICATIONS	Manual	ASP pages need to be rewritten in ASPX to a new .NET SDK; JSP pages based on WIBean need to be rewritten; JSP pages based on REBean will continue to work.

# MIGRATION TOOLS IN BUSINESSOBJECTS XI RELEASE 2

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Business Objects helps you protect your existing investment by providing you with the tools you need to automate your migration tasks—supporting you through your entire migration process via our education services, consulting services, and network of certified partners. By leveraging our BI and migration expertise, we'll help refine your BI strategy based on your business needs—and you'll experience accelerated value from your new system.

## THE IMPORT WIZARD

You can migrate most of your legacy environment to BusinessObjects XI Release 2 using a single tool called the Import Wizard. The Import Wizard is a Windows application that allows you to import most objects in the repository—including user accounts, groups, folders, universes, and documents, as well as objects stored in the inbox and personal folders on cluster servers—to your new BusinessObjects Enterprise system.

The Import Wizard acts as a bridge between the source repository and the target CMS repository. It:

- Imports content from the source repository
- Updates content (e.g., universe IDs), and converts document format where necessary (e.g., version Web Intelligence 2.x .wqy documents to version XI Release 2 Web Intelligence wid files, as well as version 6.x BusinessObjects .rep files into version XI Release 2 .rep files)
- Exports content into the target repository and physical storage area

At the end of the import, the Import Wizard creates a log file you can check for information about successful operations and issues.

Typically, you will use the Import Wizard for migrating objects from version 5/6 to XI Release 2, and then for promoting objects from a source XI Release 2 system to a destination XI Release 2 system, until you go production. Therefore the Import Wizard is an important piece of the migration puzzle—we highly recommend that you or your staff become familiar with all the options provided by that tool.

## THE REPORT CONVERSION TOOL

The report conversion tool is a tool provided with XI Release 2 to help automate the conversion of Desktop Intelligence reports to Web Intelligence.

Depending on the complexity of the Desktop Intelligence report, the conversion will be complete, partial, or will not happen. For example, Desktop Intelligence reports

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containing VBA macros will be partly converted because VBA macros are not available for Web Intelligence. Partly converted Web Intelligence reports will require manual intervention, which may range from light reformatting to formula editing.

The report conversion tool won't be able to convert Desktop Intelligence reports that were built using the following features:

- Specific data providers (personal data providers, free-hand SQL, and stored procedures)
- Query on query
- User-defined objects (UDOs)

The report conversion tool will partly convert Desktop Intelligence reports built using the following features:

- Reporting features (hide/show objects, complex report filters, and multilevel breaks)
- Fold/unfold
- VBA macros

After conversion, please check the report conversion tool audit log to analyze the contents of a particular report and why the conversion was partial or failed.

The report conversion tool requires universes to convert Desktop Intelligence reports to Web Intelligence. Desktop Intelligence reports are unchanged by the conversion process, so you can choose to use the original Desktop Intelligence report or the Web Intelligence report after conversion.

Please check the report conversion tool guide for additional details.

## **THE REPORT COMPARISON TOOL**

The report comparison tool is a tool provided with XI Release 2 to detect changes that might have occurred in full-client documents during migration, as a result of the calculation engine changes. That's a useful tool—especially if you are moving from version 5 to XI Release 2.

# CONCLUSION

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Organizations need insight, agility, and collaboration in order to survive in today's fast-moving markets.

With BusinessObjects XI, your business users can access information across the organization with the broadest, richest capabilities, including market-leading integration with Microsoft Office, search, and collaboration.

The BusinessObjects XI platform offers unmatched performance, scalability, security, and reliability. It provides a proven, service-oriented architecture for global deployments as well as support for end-to-end metadata—ensuring data integrity and information accountability.

At Business Objects, we believe that BI will continue to evolve, where BI will be part of every application—used by all employees, customers, partners, and suppliers.

Business Objects recognizes the need to minimize the cost and risk for customers adopting the BusinessObjects XI platform. Business Objects provides a range of tools, documentation, best practices training, and tailored services via our consultants or certified partners to make this transition as smooth as possible. BusinessObjects XI is the right platform to people your organization's future success, so move now to benefit from the industry's most advanced and complete BI platform.

For more information about Business Objects products and services, please visit our website at [www.businessobjects.com](http://www.businessobjects.com)

# RESOURCES

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[What's New in Business Objects XI Release 2](#)

[What's New in BusinessObjects XI Release 2 Productivity Pack](#)

[Redefining How Information Empowers End Users white paper](#)

[BusinessObjects XI Technical Overview white paper](#)

[Determining Query and Analysis End-User Requirements With BusinessObjects XI Release 2](#)

[Implementing Business Intelligence Standards](#)

[Business Objects technical support website for technical white papers](#)





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