

## STREAMLINING XBRL PUBLISHING FOR BUSINESS USERS

The eXtensible Business Reporting Language (XBRL) specification has clearly become the new global standard for exchanging financial and business information. With the U.S. Securities and Exchange Commission (SEC) joining European banking regulators, UK tax authorities, and others in mandating its use, implementing an XBRL reporting solution is no longer an option – it's a requirement. XBRL enables all accounting jurisdictions – both U.S. and foreign – to download, codify, and analyze time-sensitive financial data in seconds. Each jurisdiction can define its own accounting taxonomy, a set of agreed-upon, computer-readable “tags” for individual data items in business reports. When a company reports a figure for annual revenues, for example, that figure can be tagged in a way that enables almost any computer to immediately recognize and categorize it as “annual revenues.”

To generate an XBRL-based financial statement, you need to choose line-items tags from a regulator's taxonomy and map them to your financial figures. Given that any one company can have thousands of data items, getting your consolidated financials published as XBRL documents is no small task. That's why many companies have outsourced XBRL tagging and document generation. But now there's a less costly approach that also gives you greater flexibility and control over the process. With the SAP® BusinessObjects™ XBRL Publishing application by UBmatrix, you can pull data from any consolidation application (or other business software) and prepare, review, and analyze data in XBRL documents – quickly and accurately.

### XBRL Reporting Optimized for SAP Software Environments

SAP BusinessObjects XBRL Publishing works together with SAP consolidation and financial reporting applications to enable your staff to prepare XBRL report submissions right from their desktops. Now finance and compliance teams can create, interact with, customize, and validate all kinds of XBRL documents – quickly and efficiently. Preparers first assemble financial reports using:

- The SAP BusinessObjects Planning and Consolidation application
- The SAP BusinessObjects Financial Consolidation application
- SAP Business Suite software

They can then use the SAP BusinessObjects XBRL Publishing application to tag, transform, and map this data to create XBRL-instance documents. And because SAP BusinessObjects XBRL Publishing comes with the leading XBRL engine from UBmatrix Inc., you can be confident that your documents are valid for the taxonomies you use.

SAP BusinessObjects XBRL Publishing also provides an integrated development environment for building, extending, and maintaining XBRL taxonomies. This means you can incorporate custom reporting requirements – for example, to add information to financial reports needed to represent your company more favorably to investors.

The SAP® BusinessObjects™ XBRL Publishing application by UBmatrix simplifies and accelerates the preparation of XBRL documents to communicate financial and business data. Fast, reusable mapping and comprehensive validation functions help ensure compliance.



## Fast, Flexible XBRL Document Generation

Translating Microsoft Excel-based reports into XBRL using SAP BusinessObjects XBRL Publishing is fast and efficient. The first step is to open the XBRL taxonomy you want to map. The application allows you to retrieve taxonomies from your desktop or from the Web.

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Once loaded, you can view a taxonomy different ways – for example, using a list view or a hierarchy tree view. Additionally, since taxonomies can have thousands of elements, SAP Business-Objects XBRL Publishing offers useful search and filtering tools that can match your financial concepts with those in the taxonomy. Once concepts in the taxonomy are located, you use drag-and-drop mapping functionality that's designed for ease of use. When all data has been mapped, it's validated and outputted in XBRL. You can save a mapped Microsoft Excel workbook as a template and reuse it in future reporting periods. It's that simple.

## Speed: Quickly Navigate Taxonomies and Map Data

Taxonomies can be large and complex, containing thousands of elements. SAP BusinessObjects XBRL Publishing provides search and filtering functionality that allows business users to navigate them quickly. Using mapping, search, and filter dialogs, you can browse a taxonomy hierarchy and perform a full or partial search of concepts and labels. You can use smart filtering to limit the scope of a search to certain areas of the taxonomy, such as the income statement, and access a detailed view of mappings to confirm matches with your financial data.

The drag-and-drop mapping environment allows you to map concepts, contexts, and units (such as monetary and shares) with automatic synchronization between your financial report and the mapping tool. For example, when you click on a cell in Microsoft Excel, the tagged information is highlighted in the mapping dialog window. You can also refresh reports with the latest data without having to remap.

Finally, SAP BusinessObjects XBRL Publishing provides fast, thorough validation of generated XBRL documents against the syntax of taxonomy business rules; this way, the right numeric values are in the right numeric fields. In addition, XBRL validates the semantics of your data – for example, to confirm that your balance sheet actually balances. You can also access automatically generated reports that identify incomplete mappings, distinguish between actual errors and detected inconsistencies, trace errors for fast resolution, and help ensure compliance.



Everything you need to support SEC and other reporting requirements is available directly from SAP – eliminating the need to procure a third-party solution from another vendor.

## Simplification: Empower Users to Create XBRL Documents

When creating XBRL documents, SAP BusinessObjects XBRL Publishing acts as common user interface for users of SAP Business Suite software and SAP BusinessObjects enterprise performance management solutions. Business users work in a familiar Microsoft Excel-based environment and don't need to learn or work with complex XBRL syntax directly. They simply use SAP BusinessObjects XBRL Publishing to meet all XBRL reporting needs, right from their desktops. XBRL instance documents containing the full XBRL syntax for each report are always available.

The software also makes it easier to incorporate into reports complementary sources of information stored in Microsoft Word, such as financial table footnotes and management discussion and analyses. You can attach Microsoft Word documents, as well as reference select content from each document when producing XBRL. Footnote entries can be reused any number of times, and multiple footnotes can be associated with a given reporting element. This approach offers the best of both worlds: you can create financial reports in a friendly Microsoft Excel environment and create text using Microsoft Word.

#### Flexibility: Use One XBRL Reporting Tool for Every Need

SAP BusinessObjects XBRL Publishing gives you great flexibility when creating XBRL reports. Many organizations want to extend their XBRL reporting beyond standard taxonomies – for example, to differentiate themselves from competitors by providing extra information to investors. The application enables you to design and extend XBRL taxonomies using simple drag-and-drop editing functions, such as a business rules editor. You can also define relationships across extended links (created by breaking up complex links), as well as link base types (the parts of the taxonomy defining the data presentation, calculations, labels, and definitions).

In addition, because SAP BusinessObjects XBRL Publishing complies with the XBRL 2.1 specification, you can use it to leverage the full

potential of XBRL reporting. It supports any taxonomy in use today, and has been used to model many of the world's XBRL taxonomies, such as International Financial Reporting Standards (IFRS), U.S. GAAP, and more. The application also supports basic and block-text footnotes – a user-friendly way to capture both plain text and formatted HTML text.

#### Key Benefits

SAP BusinessObjects XBRL Publishing offers you a fast, efficient way to generate XBRL documents in-house. Now your business users can create any type of XBRL document you need, as well as tailor it to meet specific requirements. As a result, you benefit from:

- **Reduced time and money spent on XBRL document creation** – With SAP BusinessObjects XBRL Publishing, it's faster and easier to create financial statements suitable for electronic submission to regulators.
- **Lower audit costs** – When your data is accessible in XBRL, your auditors can “slice and dice” your financial data quickly and easily, enabling them to perform audits faster, more accurately, and at lower cost.
- **Greater confidence and compliance** – SAP BusinessObjects XBRL Publishing helps ensure that filings are accurate, complete, and meet all current regulatory requirements.
- **Support for the “last mile” of finance** – The application streamlines financial consolidation, reporting, and publishing processes without sacrificing data quality.

An integrated development environment for building, extending, and maintaining XBRL taxonomies means you can incorporate custom reporting requirements – for example, to add information to financial reports needed to represent your company more favorably to investors.

#### A Trusted Solution from SAP

SAP BusinessObjects XBRL Publishing is an essential part of SAP BusinessObjects enterprise performance management solutions. Now you have an SAP-approved XBRL reporting tool that's integrated with our financial consolidation applications and SAP Business Suite. Everything you need to support SEC and other reporting requirements is available directly from SAP – eliminating the need to procure a third-party solution from another vendor.

#### Find Out More

For more information, please visit [www.sap.com/epm](http://www.sap.com/epm).

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## Summary

The SAP® BusinessObjects™ XBRL Publishing application by UBmatrix enables business users to leverage data in SAP Business Suite software and SAP BusinessObjects enterprise performance management solutions and prepare eXtensible Business Reporting Language (XBRL) documents. Designed for ease of use, speed, and flexibility, the application gives you greater control over the XBRL generation process for the communication of financial and business data.

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## Business Challenges

- Pressure to implement an XBRL publishing solution quickly
- Desire for more control and flexibility than XBRL outsourcing offers
- Limited in-house resources who can work with complex XBRL syntax directly

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## Key Features

- **XBRL taxonomy navigation** – Quickly search and filter large, complex taxonomies to find tags relevant for your business data
- **Mapping** – Map taxonomy tags to data using a drag-and-drop mapping environment
- **Validation** – Use comprehensive validation functionality to confirm accuracy and completeness and identify issues
- **Disclosure inclusion** – Link to and import management discussions, disclosures, footnotes, and other narratives created in Microsoft Word to XBRL documents
- **Taxonomy extension** – Easily extend published XBRL taxonomies to include other information
- **Compliance** – Be confident that your XBRL documents comply with the business rules of third-party taxonomies

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## Business Benefits

- **Reduced time and effort to create XBRL documents** thanks to integration with Microsoft Excel, taxonomy navigation tools, and drag-and-drop functions that simplify mapping
- **Lower audit costs** because auditors can “slice and dice” your financial data quickly and easily, enabling them to perform audits faster, more accurately, and at lower cost
- **Greater confidence in your financial disclosures** because data and mappings are validated as accurate, complete, and in compliance with business rules defined by third-party taxonomies
- **Increased flexibility and control and lower costs** by eliminating the need for XBRL outsourcing services

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## For More Information

Call your SAP representative or visit us online at [www.sap.com/epm](http://www.sap.com/epm).

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