XBRL Toolkit (XT)

UBPARTNER

A simple way to generate 100% compliant XBRL reports for CRD4, Solvency II, Pension Fund, IFR/IFD and SRB.

Why UBPartner XT?

- ∧ *Easy-to-use XBRL tools for business and technical users.*

- ∧ *Removes the complexity by providing a set of pre-mapped Excel templates (QRTs).*

- ∧ *Advanced validation and Filing Rules support to ensure 100% compliance with full requirements.*

- ∧ *Highlights any errors in Excel or the inline XBRL document.*

- ∧ *Simple compliance updates for all the major European reporting frameworks*

- ∧ *Flexible implementation on a local Desktop , Server, Portal or via a Cloud service*

- ∧ *Complete set of application interfaces and REST API to reporting or collection systems.*

xBRL Certified Software™

European banks, insurance companies and listed firms are increasingly being asked to deliver their regulatory reports in XBRL (eXtensible Business Reporting Language) for reporting frameworks such as:

- ∧ EBA CRD4 and IFR/IFD
- ∧ EIOPA Solvency II and IORP II.
- ∧ SRB LDT and SFR
- ∧ ESMA ESEF

In addition, many National Competent Authorities (NCAs) require firms to provide additional data or National Specific Templates (NSTs) in XBRL format.

The XT components have been designed to be used as required by regulators, filing companies and software vendors looking to embed XBRL capabilities into their applications and reporting workflows.

The XBRL Toolkit (XT) is based upon a fully certified XBRL Processing Engine (XPE) and on a Taxonomy Management system that provides a simple approach to managing the regular updates to the data requirements; amendments to the formulas contained in the XBRL Taxonomy and changes to the Filing Rules published by the relevant authority.

Simple XBRL Reporting

XT removes the need to understand complex XBRL syntax, as UBPartner's experts quickly test new XBRL Taxonomies; map standard Excel business templates to the requirements where available; add useful additional information, such as new filing rules; then generate a Taxonomy Package for download. The new Taxonomy Package can then be added to the XT system and it is immediately available for use.

Each tool provides a summary report which makes it easy to see if there are any errors, plus a full range of summary and detailed validation reports to help to quickly locate any issues and to fix them.

Furthermore, the business users can even view the errors in the Excel Templates or Inline XBRL Viewer, while XT also supports the checking of both standard and local country filing rules, ensuring the submission file meets any local formatting requirements.

By adopting this approach, the financial analyst can concentrate on ensuring that the business process and not the tools.

Flexible deployment

The software tools are provided as a set of integrated components that can be deployed individually or used as an integrated suite. The software can be installed on a local PC, using an Excel Add-In interface or in various server configurations, including an XT Portal interface which allows users to collaborate on a report, share resources and customise the approval process.

The software is also available over the internet on a 'Software as a Service (SAAS)' basis. The XT Cloud Service is based on the XT Portal web interface and delivers exactly the same tools and services but fully hosted and managed by UBPartner. This makes signing up for the services and starting to convert, validate and render XBRL documents a quick and easy process.
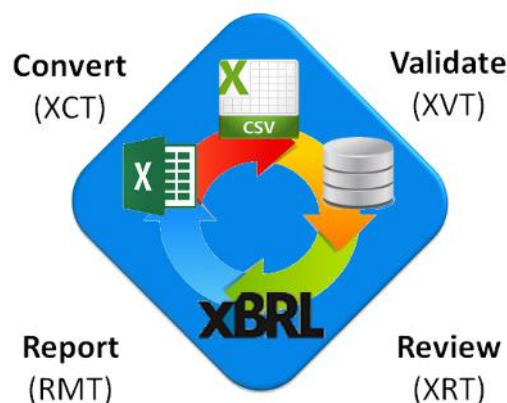
Exploiting the Power of XBRL

The XBRL Toolkit is designed to support both the advanced, XBRL-savvy user, as well as financial managers who only need to provide or review the data at a business level. XT comprises of:

- ∧ XBRL Conversion Tool enabling end-users to generate XBRL documents from templates.
- ∧ XBRL Rendering Tool displays XBRL documents in Excel or inline XBRL for ESEF, highlighting any errors.
- ∧ XBRL Validation Tool checks the accuracy and consistency of the information being reported.
- ∧ The Report Management tool tailors the final submission package to meet the local collection system requirements.

XT Taxonomy Packages are available for all the major European reporting frameworks and provide all of the resources to generate a fully compliant XBRL report.

Integration with existing Processes and Applications

XT's flexible, yet simple, configuration and deployment options allow individual tools or the complete suite to be implemented with the minimum of fuss. Using familiar applications, such as Microsoft Excel, and simple interfaces the tools can be fully integrated into an existing financial application or readily used as part of an existing reporting workflow or document management system.

Major financial application vendors and European regulators use the same technology platform to embed XBRL capability into their disclosure management and collection systems; and UBPartner has worked with both banking and insurance specialists to provide an 'end to end' solution that reduces data quality issues and improves efficiency of the regulatory reporting process.

Expert Advice & Consulting Services

The UBPartner services team has extensive, real-world experience of implementing both regulatory collection systems and filing solutions. Our team can help guide you through the steep learning curve that surrounds all new technology adoption, whether for managing template and taxonomy upgrades, or developing your own private business rules for validating reports.

In addition, UBPartner works through a network of local implementation partners who can deliver a broad range of solutions and services tailored to meet your specific needs and

Operating Systems Supported:
- Desktop: Microsoft Windows (32 or 64 bit)
- Server / XT Portal
  - o Microsoft Windows Server
  - o Red Hat 5 Linux Server

Memory
- Minimum of 4GB RAM
- For large taxonomies, 64 bit o/s and 10GB required per system/thread.

XT Excel Add-In:
- Microsoft® Office 2010, 2013, 2016
- Microsoft .NET Framework 3.5

XT Portal:
- SQL Server 2008 minimum
- J2EE Server (Apache Tomcat included)

Java 1.8 64-bit version minimum

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