FUJITSU

XBRL Solutions
Fujitsu Interstage XWand V12
Exploit the total power of XBRL

Interstage XWand V12 is a complete solution for users to create, validate and read XBRL

Interstage XWand V12
Interstage XWand V12 marks the first commercial implementation of the latest updates to the Formula specification and of the newly released Versioning and Rendering specifications, enabling all users in the reporting chain to embrace XBRL in its full capabilities.

About Interstage XWand
Interstage XWand is a complete solution that allows you to create, review, modify, validate and convert taxonomies and instances. Interstage XWand also supports users to create business rules and multiple views of their XBRL documents and automatically manage changes to taxonomies. Interstage XWand supports users wanting to quickly start working with XBRL through the packaged tools as well as application developers through a rich set of APIs. Key components in Interstage XWand include support for iXBRL generation and browsing, MS Excel and MS Word tagging, EDGAR Filer Manual validation, the latest implementations of the Formula and Versioning specifications, Web forms API, and a flexible XBRL programming interface; allowing organisations to make XBRL an integral part of their reporting process at all levels.

Product Features
Guaranteeing XBRL compliance
Interstage XWand V12 builds on the capabilities of previous versions to extend its enviable reputation in complying with the latest XBRL specification requirements.

Interstage XWand V12 supports detailed tagging (tagging the facts within the notes in addition to the face financials). In the U.S. the SEC has mandated the use of detailed tagging for companies in their second year of filing in XBRL. Interstage XWand V12 will enable companies to comply with this requirement.

In the U.K. the HMRC has mandated the use of XBRL for a number of reports, commencing in March 2011. Compliance with this mandate will require the use of Inline XBRL (iXBRL). Along with providing detailed tagging support in MS Word, Interstage XWand V12 provides the ability to generate iXBRL documents from MS Word and to browse them interactively.
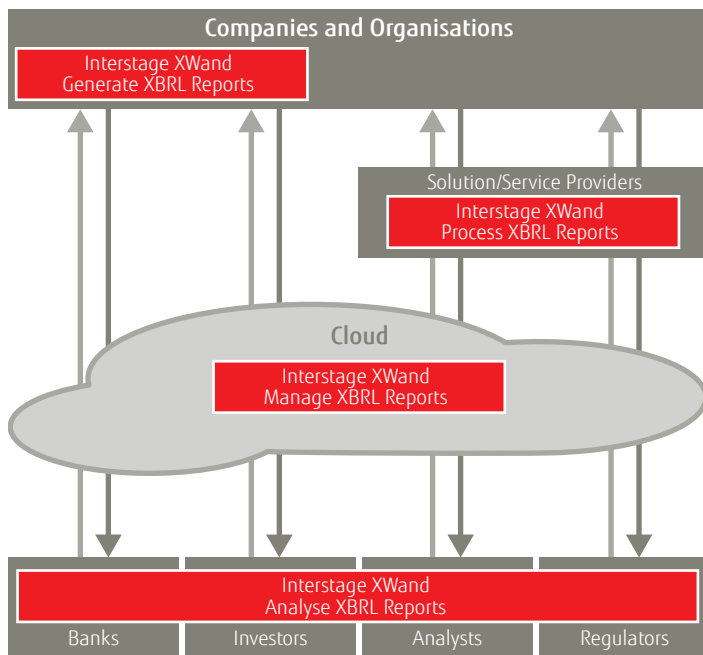
Adherence to complex rules
Interstage XWand V12 supports the XBRL Formula specification which allows powerful business rules to be created. When an XBRL document is created, Interstage XWand can validate it using these rules to ensure that any problems are resolved before the document is submitted to the regulator. Financial reports submitted to the SEC must pass EDGAR validation to ensure they adhere to rules set out in the EDGAR Filer Manual. Interstage XWand V12 includes the new EDGAR Filer Manual Validator so companies can validate documents before they are submitted to the SEC.

Integration with business systems
The powerful XBRL processor and API available with Interstage XWand V12 allow organisations to fully integrate XBRL into their existing business systems. It also allows software vendors to build fully compliant XBRL applications.

Products	System requirements
Interstage XWand Toolkit	Windows 7 , Windows 7 x64 – Enterprise, Ultimate or Professional
Users can select from a complete range of XBRL tools which best suit	Windows Vista - Business, Enterprise, or Ultimate
their requirements.	Windows XP Professional SP1 or later
Interstage XWand Application Developer	Windows 7, Windows 7 x64 – Enterprise, Ultimate or Professional
An Application Programming Interface (API) which allows organizations	Windows Vista - Business, Enterprise, or Ultimate
and solution providers to XBRL-enable applications in Java or .NET	Windows XP Professional SP1 or later
environments.	
Interstage XWand Runtime	Windows Server 2003, 2008 - Standard and Enterprise Editions
Enables applications developed using Interstage XWand Application	Windows Server 2003 x64, Standard and Enterprise Edition
Developer to be deployed to multi-user servers.	Solaris 9, 10
	Red Hat Enterprise Linux 5

Companies and Organisations

**Interstage XWand
Generate XBRL Reports**

Solution/Service Providers

**Interstage XWand
Process XBRL Reports**

Cloud

**Interstage XWand
Manage XBRL Reports**

**Interstage XWand
Analyse XBRL Reports**

| Banks | Investors | Analysts | Regulators |

Accelerated financial analysis

Interstage XWand V12 provides a comparative analysis dashboard which enables information consumers to accelerate sophisticated financial analyses within a single company or across companies from the same or different industries, and across multiple timeframes (e.g. year-over-year analysis).

Main features

New in Interstage XWand V12
- Utilisation of Versioning and Rendering specifications
- Support for the latest Formula specifications
- Developers provided access to the enhanced validation framework
- Additional support for HMRC Guidelines and XBRL US Consistency Suite

XBRL creation
- Interstage XWand continues to provide the best environment to reliably and completely create XBRL taxonomies and their extensions – both dimensional and non-dimensional
- Interstage XWand provides enhanced support to create XBRL and Inline XBRL instances in full compliance with the guidelines of the respective regulators
- In providing strong integration with the latest Microsoft Word and Microsoft Excel documents, Interstage XWand vastly expedites the automated and largely repeatable creation of reports
- Customisable user interface allows users total control over the look & feel of XBRL documents
- Powerful search, multiple views and reports make Interstage XWand the ideal choice of tools for the accountant, the financial report

expert as well as the uninitiated

XBRL validation
- Interstage XWand provides support for checking the format and content of the XBRL documents by incorporating the XBRL 2.1, Dimensions and Inline XBRL specifications
- Interstage XWand also incorporates the rules laid down by several regulators including the EDGAR Filing Manual from the SEC (US) and the Inline XBRL Guidelines from the HMRC (UK)
- Interstage XWand also provides document checking for compliance with best practices through the incorporation of FRTA and FRIS rules as well as the XBRL US Consistency suite
- Interstage XWand provides the mechanics for users to implement their own validations through the support of Formula specification and Fujitsu's own Query language
- Interstage XWand V12 also provides a rich API layer with the inclusion of the Validation framework that allows developers to leverage one or more of the validation options as required

Benefits

XBRL review
- Interstage XWand allows users to view the documents based on the schema order or one of the linkbases and in a well-structured tabular format
- Support for the newly adopted Rendering specification allows users to create web forms based on the taxonomy content and structure
- Support for the SEC Previewer provides access to the regulator (SEC)-specified viewing guidelines
- Users can define and customise reporting views for transforming the taxonomies and instances into HTML and/or Excel spreadsheets
- Use of the Query interface allows users to define their own specific filters and views of the documents

User benefits
- Novice and power users alike can create, extend and validate taxonomies and financial reports with a minimum of time and effort
- Users can continue to create financial reports in a format (Word and Excel) that they are familiar with and then automatically generate XBRL documents from these documents
- Business rules created with XBRL Formulas ensure that reporting organisations can fully validate their documents before filing with full transparency and visibility into the rules
- Organisations submitting filings with the SEC and the HMRC can validate their filings against all the automatable SEC rules and the Inline XBRL guidelines for submissions to the HMRC
- Users can automatically migrate their instances from previous filings and previous taxonomies to the new regulatory taxonomies and extensions alike
- Users can configure the reports to the needs of the reviewer to easily integrate XBRL into their reporting workflows