



WHITE PAPER

XDocs™ and Oxygen

Tight Integration makes for a seamless workflow cycle

Technical content goes through distinct phases: creation, review, release management, and publishing before the process is repeated for the next release. At each of these key phases, tight integration between Bluestream's XDocs Component Content Management System (CCMS) and Oxygen XML products from Syncro Soft brings unrivalled control and functionality.

Desktop authoring

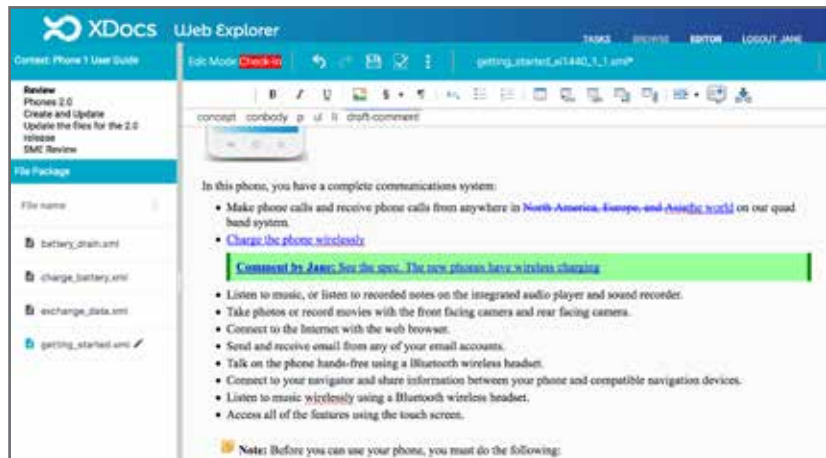
Content creators face many challenges when it comes to creating, updating, and curating content and consistently applying metadata as part of a content strategy. XDocs' comprehensive integration with the desktop Oxygen XML Author and Oxygen XML Editor applications allows XDocs users to enjoy the benefits of the popular and excellent Oxygen XML desktop applications whilst taking advantage of the XDocs central content repository with its powerful content management capabilities.

Integration between XDocs and Oxygen has been in continual development since 2011. The **embedded XDocs CMS menu in connected Oxygen** allows users to browse the content stored in the CCMS, open existing files, and create new files. Users can save new file versions to the CCMS, place and release locks on files, and insert links, for example, in a DITA topic to image files and content reference files in the CCMS. In connected Oxygen, content creators also benefit from **seamless updates from a centralized list of attribute values in the CCMS** and access settings such as for file version comments.

Stefan Vasile, Syncro Soft CEO, says, "Over the years, our developers have collaborated closely with Bluestream in refining the Oxygen APIs to ensure a seamless integration with XDocs CCMS."

Web-based contributing and reviewing

Technical content requires content contributions and reviews from Subject Matter Experts (SMEs) who are peripheral to the core content team. A SME contributor must periodically create or review content; however, as periodic contributors, they are not part



XDocs Web Explorer uses Oxygen XML Web Author

of the core content team and, therefore, are not required to learn DITA and the powerful desktop application tools. In the past, core content team members were tasked with the time consuming challenge of getting the content contributions and reviews from the SMEs and assimilating the SME work into the content in the CCMS in DITA format.

The Oxygen XML Web Author provides a **web-based authoring tool that allows users to create and review content from any modern web browser**. The integration with XDocs means that SME contributors and reviewers can perform their task directly in the CCMS content from their web browser. The XDocs integrated Oxygen XML Web Author (Wex) has been simplified to create a **wiki-like authoring and reviewing experience**, which allows Wex users to focus primarily on the content and not the DITA and technology that drives it.

This integration with XDocs allows the SME contributor and reviewer tasks to take place within an automated workflow environment. CCMS content is passed automatically between contributors, authors, reviewers, and editors as each user finishes their task. The **XDocs automated workflow**

Powerful Content Management

Fully integrated with:

- Oxygen XML Web Author
- Oxygen XML Author
- Oxygen XML editor
- Oxygen XML developer

Seamless updates

File versioning

Easy to use with little dita knowledge

Automated workflow and notifications

Review, Edit and Merge versions

Endless publishing options including:

- Oxygen XML WebHelp
- Oxygen PDF Chemistry

engine sends email notifications to users when they have a task to perform and includes a link to Wex.

A SME reviewer need only open a browser and login to see the file package, mark up the files with tracked changes automatically turned on. When the SME presses “finish” in Wex, XDocs moves the file package to the next task in the workflow process.

Release management

The XDocs CCMS suite of release management tools offers a Branch module, which allows content to be copied from one branch to another, so work can then continue on parallel versions of the content. **XDocs remembers the lineage of the content**, so changes in a parallel version can be merged at a later date if required. At branch copy time, XDocs reports on the branched content, and when it identifies a merge, the topic or map can be opened in an Oxygen component, which provides an interface where users can review and accept or reject the differences for the destination branch.

In addition to accepting and rejecting differences in a branch merge file, the **Oxygen component also allows XDocs users to edit the merge file text and attributes right inside the Branch module** before the branch copy takes place. The Oxygen component provides XDocs users with the important interface that is required to make decisions and edits at the time of branch merge.

Publishing

The final phase of the content life cycle is to deliver the content to those who need it. XDocs allows content to be **published directly from the CCMS to a variety of output formats** using filters and date time stamps. Oxygen provides

a publishing plugin that is integrated in XDocs and available in the publish menu. XDocs users can select Oxygen's WebHelp to transform their DITA and DocBook content into WebHelp output. The Oxygen XML WebHelp output consists of a series of HTML pages that are neatly integrated into a system that offers a table of contents, index navigation, text search capabilities, and various delivery formats, including feedback-enabled systems.



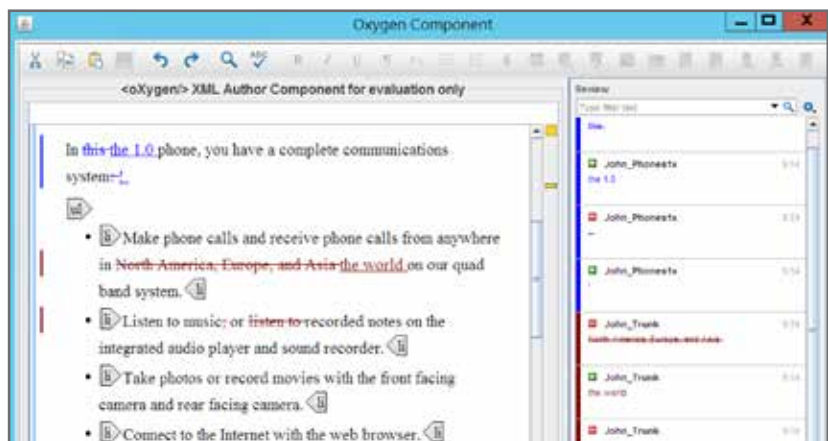
Oxygen Webhelp publishes content

Conclusion

The powerful and seamless integration between XDocs CCMS and Oxygen's suite of products provides a comprehensive solution for all four parts of the content life cycle. The intuitive authoring tools address the challenges that content creators face while editing XML documents. The easy-to-use web-based collaboration platform allows everyone in the organization to engage in content creation. The release management technology provides an efficient way for teams to work in parallel and easily compare or merge differences. Finally, the publishing features complete the workflow life cycle by offering various output options.

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- STEFAN VASILE, SYNCRO SOFT CEO



Oxygen Component offers delta merge of branched files



About Bluestream

Bluestream are the developers of XDocs CCMS, a DITA supporting Component Content Management System (CCMS).

XDocs CCMS is the leading single vendor solution for organizations looking to improve and enhance their information workflow.

With a unique rapid to deploy methodology coupled with unrivalled functionality, XDocs CCMS is inspiring teams of authors to create powerful user-focused content that can be flexibly delivered to any device or platform.

Bluestream customers range from Fortune 100 organizations seeking complex cross-departmental documentation solutions to small businesses containing single author teams.

In business since 1987, Bluestream has customers in most verticals, including: software, oil and gas, healthcare, military, manufacturing, education and finance.



About Syncro Soft

Syncro Soft develops the award winning Oxygen XML suite of products, designed to enhance productivity through an intuitive and innovative authoring and development environment, and facilitating all types of teams, from small businesses to Fortune 500 companies, universities, government agencies, and international organizations.

Oxygen provides premium quality products and complete solutions for XML authoring, developing, publishing, managing content, and collaboration. Oxygen products are available for multiple platforms, all major operating systems, and their mobile friendly products run seamlessly on any modern web browser.

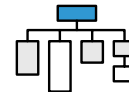
The Oxygen team is very active in the XML community, and all products comply with standards set by the World Wide Web Consortium (W3C) and other organizations.

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Out-of-the-Box

Out-of-the-box XDocs is fully functional and feature rich. It has solutions for all your content challenges.



End-to-end

XDocs provides a complete solution. Your content team can create, review, find, update, manage, localize and deliver content with unparalleled agility.



Support

With worldwide partners and customers on every continent, Bluestream can support you wherever you are located.

Find out how **Bluestream** can revolutionize your content.
Contact us today at **info@bluestream.com**.