




Aerospace and Defense solution portfolio for S1000D





Contenta Publishing Suite



Contenta® Publishing Suite for S1000D is a complete, integrated, industry-proven solution for technical content, with functionality optimized for each step of the publishing process.

We support companies just like yours to manage millions of pages of complex technical documents, delivering critical information so that maintenance professionals can meet mission objectives, reduce mean time to repair (MTTR) and keep assets deployed.

The Contenta suite of products offers the out-of-the-box functionality your users demand and that your business requires. It starts with reducing start-up costs and managing your data in the industry's easiest to use common source database (CSDB). Next, you can improve content quality and the user experience by publishing and delivering your content using the most advanced Interactive Electronic Technical Publications (IETP) we've ever delivered.

You can print your publications with the most powerful XML publishing solution available today to ensure the fastest time-to-repair for your maintenance technicians.

Mission-critical technical content



Create



Edit



Manage



Publish



Deliver

Contenta Publishing Suite

Create, edit, manage, publish and deliver mission-critical technical content with a robust and proven S1000D publishing solution that ensures your technical operations and maintenance documentation meets stringent aerospace requirements, while increasing efficiencies throughout the asset lifecycle.

Key features

Contenta Publishing Suite delivers the most accurate and up-to-date content possible:

- Configuration management of complex systems
- Real-time tail-, hull- and serial number-level applicability
- Filtering for accurate and specific data delivery
- Connected and disconnected delivery with mobile devices
- Automated field updates
- IETM, PDF and paper publishing options
- Improved data quality for better end-user content
- IETM integration with onboard systems
- CSDB, IETP and print support for multilingual management and delivery of S1000D content
- Enterprise-class architecture scales to load, manage and deliver the largest programs
- Content synchronization across the value chain, from provisioning systems to documentation in the field

Our S1000D solution portfolio delivers:



70% faster project startup



60% program cost savings



50% schedule reduction

The suite includes:

Contenta S1000D

Pre-configured Common Source Database (CSDB)

Live Content S1000D

Interactive Electronic Technical Publication (IETP)

XPP

Professional Publisher (XML Publishing Engine)



Contenta S1000D

Contenta Common Source Database (CSDB)

Contenta S1000D is a web-based, multi-user, multi-spec CSDB that can be extended to support non-S1000D data. The CSDB component of the S1000D suite also covers editing support. Contenta is a highly-scalable solution that works with multiple databases, each supporting multiple users, multiple projects and multiple versions of the specification and combinations of other non-S1000D data. All of Contenta's non-S1000D functionality is available to Contenta S1000D users.

Common Source Database (CSDB)

- Manage multiple S1000D issues in one CSDB.
- Exploit reuse capabilities.
- Deliver using data modules from different S1000D issues.
- Convert data only when content changes necessitate data module updates.
- Support multiple MILSPEC and S1000D issues.
- Benefit from built-in quality and compliance validation.
- Output to IETP, PDF and print.
- Integrate with ERP, LSAR and materials management systems using RESTful Web Services APIs.



LiveContent S1000D

LiveContent™ S1000D is an industry-proven Interactive Electronic Technical Publication (IETP) viewing engine that delivers interactive, structured content in real time to end users.

LiveContent surpasses traditional IETMs by supporting the display of S1000D content from Issues 2.1 and above, as well as many other commercial and military data standards – all within the same deliverable.

LiveContent S1000D provides the user with real-time filtering of information based on the selected system configuration (including pre- and post-configurations for engineering changes and regulatory product updates) and environmental conditions using applicability information that is incorporated into the S1000D content by the manufacturer. Real-time filtering ensures that users get immediate access to the right information.

Deployment options

LiveContent S1000D can support any distribution model you need. It can be deployed to serve content online to a wide audience via a delivery server, or it can be installed as an independent application to display content in offline/disconnected mode.

Ease of use

LiveContent S1000D provides automated generation of interactive technical publications and delivers the most advanced, interactive user experience possible by preserving the full intelligence (structure and metadata) of the source content.

LiveContent S1000D dynamically reconfigures information to the specific needs of technicians by filtering content based on selected service bulletins, product attributes or environmental conditions applicable to the equipment being serviced.

Technicians can intuitively navigate and drill down to specific procedures by using the table of contents, search or interactive locator graphics. Real-time rendering of process data modules (S1000D Issues 3.0 and above) leads technicians and maintainers through even the most complex diagnostic procedures with a series of guided questions and answers.

By uniquely leveraging graphical controls that support hotspots, animations, simulations, 3D models, videos and other multimedia, RWS provides users with a much more intuitive and efficient approach to working with complex systems. This increased efficiency while accessing complex information results in quicker resolutions that reduce mean time to repair (MTTR) and optimize asset availability.

Product components

LiveContent S1000D provides technical publication professionals with a platform to deliver the specific content they need to service unique aircraft, ships, or other complex systems regardless of location or network connectivity. It also enables technical information to be integrated into the equipment it supports and presents the content in an easy-to-use interface via tablet or laptop.

It even supports printed manuals and enables the user to select the exact pages or diagrams to include in a PDF.

The system is deployed in multiple, demanding enterprise-wide applications and is available stand-alone or integrated within the Contenta Publishing Suite. It can also be integrated with third-party content repositories.

Increased efficiencies while accessing complex information results in quicker resolutions that reduce mean time to repair (MTTR) and optimize asset utilization.





XPP™ (XML Professional Publisher) is an automated XML publishing engine for complex and high-volume publishing applications.

This industry-leading software solution automates the composition and pagination of XML or virtually any other source data to create high-quality PDF or PostScript output. XPP also formats other content such as database feeds, SGML, XHTML, word processing files, and ASCII text, creating well-formed pages.

XPP provides superior XML, language, and typographic support, combined with speed, power and throughput unmatched in the publishing industry.

Premier XML publishing solution

XPP automates manual processes often performed by desktop publishing tools, handling:

- High-volume publications
- Rapid turnaround
- Text and graphics input from multiple sources
- Output in a variety of languages
- Consistent branding

Using XPP, you can create complex tables, math equations, footnotes, tables of contents and indexes with relative ease.

In addition to printed pages, XPP automates the creation of fully-linked and cross-referenced Adobe Acrobat PDF documents and can export XML for further XSLT transformation to ePub, EDGAR HTML, RTF, DITA and more.

XPP provides a comprehensive end-to-end multilingual XML publishing solution, whether used as a stand-alone solution or integrated with content management solutions. It also integrates with other applications providing a web or structured content management system, enterprise application, portal, or other web-oriented solution with back-end automated publishing.

Key features

XML support: Directly import and export XML data, including CALS table markup. Formats output based on XML tags, attribute values and document hierarchy. Preserves XML structure and provides a structural view of tags on each page.

Batch composition: Automates workflow by importing and formatting text, placing graphics, creating footnotes, sidebars and tables and generating tables of contents and indexes.

PDF UA composition and output: Streamlined process for configuration of PDF tags, bookmarks and annotations to support Universally Accessible documents to meet regulatory requirements.

Integration with web-based solutions: A web services API enables remote web-based access to XPP batch processing and remote control of formatting using simple tailored interfaces.

PostScript and PDF output: Turn XML-coded data into high-quality PostScript and PDF output.

Sophisticated composition controls: User-defined macros automate complex functions, footnote capabilities, tabular and math composition, multiple-language hyphenation within a single document. Support for 42 languages including Chinese, Korean, Japanese, Arabic and Hebrew.



For more information visit:

rws.com/industries/aerospace-and-defense

rws.com/contenta

About RWS

RWS Holdings plc is the world's leading provider of technology-enabled language, content management and intellectual property services. We help our customers to connect with and bring new ideas to people globally by communicating business critical content at scale and enabling the protection and realization of their innovations.

Our vision is to help organizations interact effectively with people anywhere in the world by solving their language, content and market access challenges through our collective global intelligence, deep expertise and smart technology.

Customers include 90 of the globe's top 100 brands, the top 10 pharmaceutical companies and approximately half of the top 20 patent filers worldwide. Our client base spans Europe, Asia Pacific, and North and South America across the technology, pharmaceutical, medical, legal, chemical, automotive, government and telecommunications sectors, which we serve from offices across five continents.

Founded in 1958, RWS is headquartered in the UK and publicly listed on AIM, the London Stock Exchange regulated market (RWS.L).

For further information, please visit: www.rws.com

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