



## **Astoria Software and Support for the S1000D Standard**

### **Frequently Asked Questions (FAQ)**

1. Can Astoria support the S1000D standard?

Yes, Astoria supports the S1000D standard. Astoria Software's XML content management solutions are architected to implement the S1000D standard, as Astoria offers element level control of content out of the box. Building on this elemental control, Astoria enables content reuse and repurposing that lie as the core of the S1000D standard, and the Astoria solutions enhance the entire authoring, management, and publishing cycles of S1000D documents.

2. Who created the S1000D standard and why?

The European Association of Aerospace Industries (AECMA) established the S1000D standards primarily for the documentation of military equipment. It is based on international standards such as SGML/XML and CGM for production and use of electronic documentation. The standard was created to facilitate interoperability of content across supplier networks as well as to promote content reuse and repurposing.

3. What need does S1000D fill that wasn't being covered already?

Many countries have developed their own standards, such as 38784-B,C, but these have not gained international acceptance. With supply models expanding to a global basis, both manufacturers as well as agencies must be able to interoperate across international boundaries. S1000D was created in part to facilitate the interoperability of content regardless of the originating or destination country.

4. Who has implemented the standard and why?

Military and consumer aerospace manufacturers in Europe have implemented this standard already, and many organizations in the United States and Asia are evaluating options to support implementation. The benefits derive to participating organizations in reducing content creation and publication costs while speeding time to market of content deliverables.

5. How does the standard impact content?

The standard requires that content be stored in a Common Source Data Base (CSDB) in small elements, called data modules and be structured in ways that make it deliverable in a wide variety of electronic formats, as well as via the print medium. Storing discrete elements of information in the database promotes reuse of the information in as many different technical documents as possible, as once an element is authored it becomes available across an organization for reuse. Projects could contain thousands of elements, any of which can be reused for subsequent projects. Through this reuse, organizations benefit from the standard by reducing the cost of document creation and publication while increasing the accuracy of content, all in a shorter time frame than the traditional approach.

6. Where can I learn more about the standard?

For more information on the S1000D standard, visit [www.s1000d.org](http://www.s1000d.org)

7. Can customers use Astoria's solutions for more than S1000D content?

Yes, Astoria customers can handle S1000D content along with Mil-Spec 38784 content, or almost any other standard, all within one solution. This compares with other S1000D-specific software packages, which are not practical solutions to manage other content.

8. What benefits do Astoria customers gain in implementing the S1000D standard?

The benefits of implementing S1000D using Astoria are: 1) improved content accuracy; 2) increased productivity; and 3) ease of implementation, use, and maintenance. Because S1000D promotes reuse, Astoria solutions reduce authoring and publication costs. Writers have traditionally applied the concept of reuse at a document level, if at all. Implementing element level control to meet the S1000D standard, Astoria offers a greater cost savings over the document chunking approach because the thrust is on individual components which can be reused at any level of granularity. During the content lifecycle, authors can edit the source component, and those updates are instantly propagated across the various product documents where the content element has been reused. Likewise, translation costs can be kept to a minimum because only the content which has been changed will be translated. Also, using a single source to produce various types of online and print deliverables also saves the considerable time and effort many organizations spend repurposing content.

Finally, Astoria Software's XML content management solutions speed time to market for S1000D deliverables. With access to any existing data modules, authors are able to assemble product documentation in a fraction of the time

9. How can I obtain further information?

Click [here](#) to submit an inquiry, or contact Astoria sales department at (1) 650-357-7477

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