



O'NEIL S1000D > SETTING NEW STANDARDS FOR DOCUMENTATION

S1000D has evolved into a powerful documentation solution for air, land, and sea equipment. By harmonizing the specifications of participating military services into one specification framework, data modules are reused instead of reauthoring with traditional documentation specifications. The key benefits of S1000D are the flexibility of data module reuse and application of business processes around your data. These core concepts of the S1000D specification reduce total costs of ownership for the life of a product. Ultimately, S1000D helps companies remain competitive by decreasing time-to-market, lowering documentation costs, and improving information accuracy.

When it comes to the application of S1000D to your documentation, no organization can match the capabilities of O'Neil. Clients around the world rely on our unparalleled service and support to produce technical documentation solutions that perform in critical situations. When it matters most, O'Neil S1000D delivers.

By choosing O'Neil as your partner for S1000D solutions, you reap the benefits of our comprehensive product knowledge and development expertise. From project conception to implementation and beyond, O'Neil offers complete support.

- > S1000D Authoring
- > Data Module Coding Strategies
- > Data Module Requirements List (DMRL)
- > Legacy Conversion to S1000D
- > Common Source Database (CSDB)
- > Provisioning and Management
- > Business Process Reengineering
- > Business Rules Development
- > Documentation Management Plans
- > Development of Interactive Electronic Technical Publications (IETPs)
- > End-to-End S1000D Implementations



O'NEIL SOLUTIONS SUITE

O'Neil applies a process-centric approach to our integrated product support. This approach combines our key assets to provide solutions that are centered on your business needs with the extensibility to evolve and engage your future vision. By supporting your business needs and processes with proven technology from our suite of solutions – content development, visualization, e-learning, and ETMs and IETMs – you are assured that cost-effective, on-target, and extensible solutions will be implemented rapidly and effectively.





DELIVERING POWERFUL INFORMATION

>> LEGACY CONVERSION

Data conversion from an existing system isn't always easy, so O'Neil has put in the time to map the data elements of various legacy specifications to the S1000D data module structure. With few exceptions, our S1000D conversion captures all of the data that reside in legacy systems. Where an exception is found, we customize a solution to adapt to your special requirements.

>> CSDB

S1000D uses a Common Source Database (CSDB) to store the data modules and its associated objects. O'Neil has developed an open Content Management System (CMS) architecture that supports an S1000D-compliant CSDB. The CSDB can be hosted from a variety of locations, with the ability to modify content via Web-based authoring tools. The end result yields full compliance to S1000D and is in accordance to customer requirements.

>> DMRL

A Data Module Requirements List (DMRL) is a tool that assists with the data module coding strategy, acquisition, and data module production. O'Neil has the know-how, tools, and capabilities to develop data module coding strategies, which support the production of data modules and a successful S1000D-compliant solution.

S1000D is a standards-based specification. Its openness and neutrality allow the use of nonproprietary systems. Since each data module carries its own management data, capabilities for access, retrieval, and configuration control are all vast improvements over traditional technical manual systems. Its capability to reduce duplication to a minimum is unmatched since data modules can be used, reused, and repurposed across other projects and other nations. S1000D support for interoperability is also unmatched.

THE O'NEIL ADVANTAGE

The benefits of O'Neil's experience and expertise with S1000D will revolutionize your documentation, enhance your efficiency, and bolster your bottom line. When you're ready to have your documentation converted to S1000D, consider all of the advantages of partnering with O'Neil.

- > Cost savings on information generation and duplication avoidance
- > More economic support planning
- > More cost-effective publication deliverables
- > Standards uniformity for participants in the project
- > A standard format for data exchange to exploit future developments
- > Enhanced interoperability
- > Improved opportunity for clarity and cost-effective translation by use of Simplified English (SE)

DOCUMENTING SUCCESS

- > "S1000D is gaining international acceptance as the preferred standard for the delivery of technical information. Not only that, it is being used for applications outside its original market. The standard allows the control of data at the module level which ensures configuration control and allows customer-made packages to be assembled and, more importantly, allows a delivery to exactly match a customer's need." – Dennis Hoyland, Head of ILS and Engineering Policy, Technical Enabling Services, UK MoD
- > "O'Neil is revolutionizing the way our customers think of documentation. From IETMs and intrusive diagnostics to interoperable Web-based systems linked to ERP data, we're putting power in your product support – from design concept to reality!" – Bob Heilman, President/COO, O'Neil & Associates