

# notus

## BookBuild



### KEY PRODUCTIVITY TOOLS

notusBookBuild is designed to speed up publishing and reduce the chance of missing key information. By using the content, notusBookBuild offers the following features:

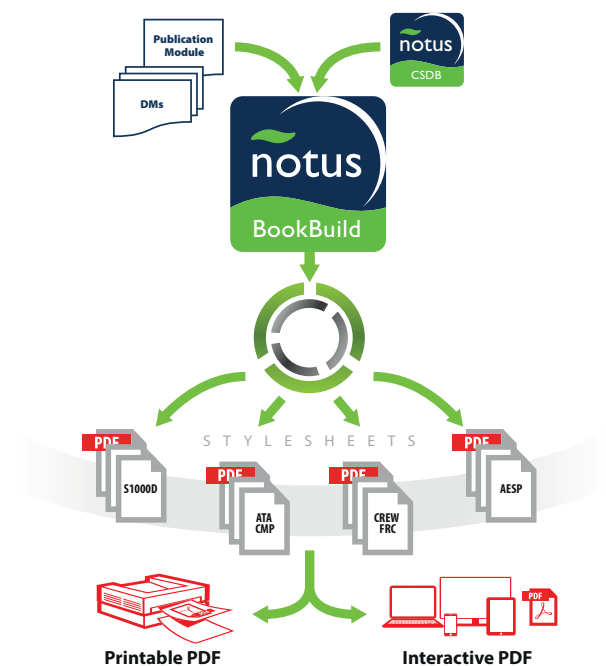
- List of effective DMs
- Technical standard record
- Highlights
- Multi-level table of contents (volume and section/chapter)
- Lists of tables and figures
- Lists of materials, tools, spares, consumables
- Change marking
- Resolve all internal cross references and references to other DMs
- Decimalised chapter numbering
- Run-time applicability filtering and output applicability marking
- Automatic handling of foldout pages
- List of IPD part numbers
- List of IPD NATO Stock Numbers
- List of IPD reference designators
- Index generation
- Multiple stylesheets for different outputs
- Fully configurable S1000D custom attributes
- Multiple language support
- Configure stylesheet preferences at runtime to fine-tune look and feel

### Even in today's world of advanced electronic delivery, printed information is still vital in many environments

Contiem has combined our expertise in intelligent data handling with input from industry experts in multi-volume publishing to develop notusBookBuild. BookBuild provides the capability to produce, update and manage printed publications from a single-source, S1000D data set.

notusBookBuild uses the powerful formatting and compilation engine of the Antenna House Formatter. It can transform your S1000D into a Specification-compliant PDF publication, print ready, delivered as a fully hyperlinked, interactive PDF. This level of PDF meets the requirements for a Class 2 IETP.

notusBookBuild is available as a standalone desktop version, building from a local folder of DMs and ICNs. Alternatively, the Professional version is fully integrated in our notusCSDB for server-based BookBuild.



### Publish directly from the Publication Module

The key input for notusBookBuild is the Publication Module (PM). The PM is a catalogue of the S1000D DMs and other PMs that will make up your publication. It controls the structure of the final output and can be used to create sections and chapters at different levels in a way often lost in a typical IETP. Readers like structure as it helps them to understand where they are in a topic and how sections relate to each other.

### Flexible publishing options

notusBookBuild has an extensive set of options for layout and management. Flexibility is a key factor as every set of content and every customer requirement is slightly different. You can share options across the team for consistency, customize languages, and manage version control. This all helps to ensure consistency of presentation for your publications.

The speed and dependability of notusBookBuild help save you time, effort, and money.

### ONE APPLICATION - MANY STANDARDS

notusBookBuild converts all issues of S1000D and all major DM types (descriptive, procedural, fault, IPD, and so on) to an interactive PDF. The application has 2 main parts:

- The notusBookBuild engine
- Stylesheets for the required format

### Stylesheets

We offer stylesheets based on both standards and customised requirements. The default standards-based stylesheets options currently include:

- S1000D
- ATA CMP using the ATA Spec 1000 Business rules
- Army Equipment Support Publication (AESP)
- Crew Flight Reference Cards (FRC)

Each stylesheet will have a range of automation and options relevant to the standard being produced.

### Options

notusBookBuild includes the ability to “switch off” elements such as empty tables, procedures, and effectivity statements. In chapters made up of multiple DMs relevant cross references are automatically resolved. Teams wanting less of an S1000D look and feel for their project can turn off or rearrange many items in the layout.

### PM Map

The Publication Module Map is a special feature that allows you to customise S1000D value-based attributes, as to how they are

presented on the page. This includes extensive language-based support to allow multi-language output based on the language setting of the PM.

### Front matter

The front matter for any given document can easily be customized to suit particular requirements. Typical front matter templates are:

- Front cover
- Change record
- Abbreviations / symbols / terms
- Technical standard record
- Highlights
- User generated preliminary information e.g. preface

### Content

The content of your publication can be controlled down to sub-chapter level. You can configure the output to have chapters only, or volumes and sections that in turn contain chapters. With the increasing use of small DMs you may want to construct chapters from more than one DM. notusBookBuild fully supports pmEntry elements with multiple DMs. In this case, common tables such as References, Tools, Materials, etc. can be automatically concatenated at the beginning of the chapter with the subsequent necessary changes in reference handling accommodated accurately.

### BookBuild application data

notusBookBuild automatically generates data about the publication, logging, for example, which issue of each DM was used during the process. This is essential for auditing. It is used to update changes in the List of Effective Data Modules and determine the requirements for change marking in the publication.

### Low cost Class 2 IETP using PDF

There are several tools available for producing full IETPs, but these can be expensive and time consuming to set up and use. Your users will require a bespoke viewer which must be distributed and set up before content can be accessed.

notusBookBuild gives you fast-turnaround electronic manuals for your client using standard PDF files which are viewable on almost any device. The manual is generated from your PM structure. Full hyperlinks are provided throughout, including contents, indexes, and cross references. This is in addition to standard PDF bookmarks. Content is fully searchable.

All this comes at a fraction of the cost and time of using an IETP Builder and Viewer. Almost everyone is familiar with using PDFs without any support or training. You can give your users a simple but effective electronic manual while maintaining the familiar look and feel of a printed version.

### Licensing

Contiem offer various licensing options to cover the engine and stylesheets, including the Antenna House Formatting engine, if required.

**For information on how Contiem can help with your S1000D requirements, visit <https://aerospace-defence.com> or email [aerospace-defence@contiem.com](mailto:aerospace-defence@contiem.com)**



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