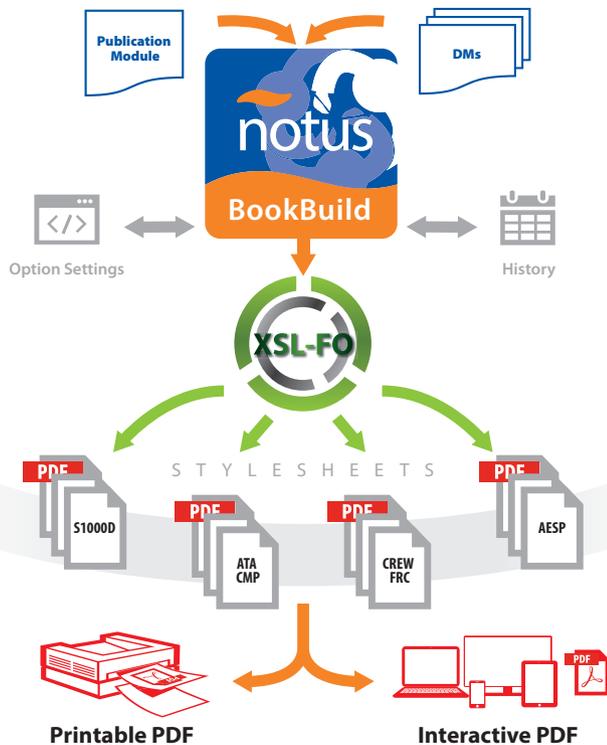# Mekon
notus
BookBuild

Printable PDF   **Interactive PDF**

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

The S1000D specification focuses heavily on electronic delivery. However, many customers still need to create printed output, either as a physical piece of paper, or a PDF that looks like a printed publication. Whatever your reasons for printing, we know it is not easy to turn S1000D into a book.

Data Modules (DMs) are designed as standalone pieces of information but that makes it difficult to create a publication that both fits together logically and reads well for the user. Projects often find it difficult to compile their DMs for traditional printing without a great deal of manual editing and formatting. Generating front matter, preventing repetition, and resolving links and references are all labour intensive and fraught with difficulties.

Mekon 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 standards compliant PDF publication, print ready, in delivered as a fully hyperlinked, interactive PDF.

KEY PRODUCTIVITY TOOLS

notusBookBuild is designed to speed up publishing and reduce the chance of missing key information. By using the content, *notusBookBuild* can generate:

- List of effective DMs#
- Technical standard record
- Highlights
- Multi-level table of contents (volume/section and chapter)
- List of tables and figures
- List of materials and tools
- Change bars

- Resolve all internal cross references and references to other DMs
- Decimalised chapter numbering
- Automatic handling of foldout pages
- List of IPD part numbers
- List of IPD NATO Stock Numbers
- List of IPD reference designators
- Index

Mekon
notus
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.2

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 chapters 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 and tracking purposes.

Low cost IETP using PDF

There are a number of tools available for producing full IETPs but these can be expensive and time consuming to set up and use. *notusBookBuild* gives you fast turnaround electronic manuals for your client using hyperlink-enabled PDF files generated from your BookBuild structure. This is at a fraction of the cost of using an IETP builder. This includes links for cross references, tables of contents and the index, giving the user a simple but effective electronic manual while maintaining the familiar look and feel of a printed version.

Indeed, should a paper manual be required, the PDF is print-ready and could be sent straight for commercial reproduction.

Licensing

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

Version

The standard version of *notusBookBuild* is a desktop application installed on a Windows computer. Alternatively, the Professional version is a server-based engine, available as an option along with our *notusCSDB* common source database.

For information on how Mekon can help with your S1000D requirements, visit aerospace-defence.com/ or contact us at our Sutton office

MEKON
intelligent content solutions