Publicon documents combine text, mathematical expressions, pictures, and diagrams into one flexible, professional-looking document.
Who is it for?

Publicon’s document creation interface is specifically designed for authors of technical content and is ideal for anybody who needs to create structured technical documents such as research papers, reports, dissertations, and theses. Potential users include scientists, engineers, researchers, professionals, and students in physics, mathematics, engineering, biosciences, finance, and other technical fields.

Features

Math typesetting
Searchable typeset equations
Unique word processor-like equation composition with automatic “intelligent” line breaking
Built-in palettes for entering complex equations quickly and easily
Keyboard shortcuts for all common mathematical symbols and constructs
Customizable palettes for entering your own frequently used expressions
Custom fonts for hundreds of special characters and symbols
Automatic conversion to and from MathML

User-friendly interface
Palette-driven composition of structured documents in specific journal formats such as REVTeX, AMS-TeX, LaTeX, and BioMed Central, as well as custom Publicon formats
Dialog-based editing and management of technical document elements such as autonumbered notes, citations, cross-references, and tables
Dialog-based data plotting tool for bar charts, pie charts, contour plots, density plots, and scatter plots
Push-button control of general formatting features
Automated spell checking with a built-in technical dictionary
Help system that allows quick-and-easy topic browsing and keyword searching of online documentation for all features and functions

Structured dynamic document format
Notebook format combines text, equations, and graphics, which can be shared by users on all major operating systems.
Hierarchical cells toggle open and closed to compile content into a dynamic outline for easy editing of large documents.
Hyperlinks jump to different points within a document, to another document, and to the web.
Documents created in Publicon are based on an underlying ASCII format so they are portable and platform-independent

Export/Import
Create TeX documents without any TeX experience. Conversion support includes publisher-specific formats such as REVTeX, AMS-TeX, and other TeX formats.
Import/export entire documents to XML formats such as XHTML, BioMed Central’s article XML, and Wolfram Research’s NotebookML, all with support for MathML.
Save documents as HTML (including CSS) and share your work with colleagues all over the world. HTML documents with CSS open transparently in Microsoft Word, providing easy conversion from Publicon to Word.
Import/export equations directly to and from MathML.
Export to Integraplorer™ format.
Import/export graphics and sound in a variety of formats.

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