

# CORENA PAGE Module

# PAGE

PRODUCT HIGHLIGHT

## *The ideal page composition environment for publishing complex information*

- Easy to install
- Sophisticated yet intuitive style sheet language
- WYSIWYG display of formatted pages
- Flexible integration with other system

CORENA PAGE Module lets you publish electronic data on CD-ROMs, online, or in paper format. Using SGML or XML, it creates PostScript pages in seconds – and eliminates the need to hand-craft pages.

Pages can be displayed on screen, printed, or turned into PDF files. For even richer publishing options, you can include PDF-specific information such as hyper links. You can even embed tables of content, making PDF files ideal for CD-ROM and web-based products.

### **TAKE CONTROL OF YOUR PUBLISHING**

CORENA PAGE Module analyzes the structure of your document and specifies the layout in an intuitive and sophisticated style sheet language.

With the PAGE Module, you can:

- specify the layout properties of an element by type, context within the hierarchical structure, and/or by element attributes
- define individual layouts and pagination schemes for different page types
- include text, graphics, generated diagrams and other elements

CORENA PAGE Module can be accessed via a Graphical User Interface or integrated with other products through its command line interface.

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*CORENA develops document management and system integration software for the defense, aerospace, automotive, energy, and maritime industries.*

*CORENA's Commercial-Off-The-Shelf products are highly configurable and allow for the solution to be aligned with your business processes. We offer solutions that handle the entire lifecycle including data input, management, publishing and delivery.*

Visit us at [www.corena.com](http://www.corena.com)

# TECHNICAL REQUIREMENTS

## PLATFORMS

- SUN Solaris 2.8 and higher
- Linux - Red Hat EL 5 and compatible on Intel

## HARDWARE AND SOFTWARE REQUIREMENTS

- 32 bits Intel 2 GHz CPU
- Emulating 32 bit on 64 bit
- 2 Gb RAM
- 150 Mb Harddisk
- Java 1.5 or higher
- 3rd party editors for XML/SGML data, graphics and plain text as required
- PDF viewer – xpdf, Acrobat Reader or another similar product
- Acrobat Distiller or ps2pdf for conversion from Post-Script to PDF

## KEY CAPABILITIES

### ■ Page setup and distribution of text on the page

A document can have a range of page types, the layout definition specifies the properties and the rules for the occurrence of each individual page type. Specifications can be made with respect to page size, header and footer properties (including content), body zone and margins.

Alignment, text orientation, vertical spacing, keep rules and widow/orphan handling are all aspects of text placement that can be specified in detail.

### ■ Fonts, borders, colors

Font types, font sizes and border properties can be specified very easily. Color specifications can be applied to text, background, borders or border background in the case of non-continuous borders.

### ■ Numbering

Pages, sections, list items etc. can be numbered by using registers. The registers can be set, reset and incremented, and may depend on other registers, i.e. multi-level numbering is possible. The numbering schemes include Arabic numbers, Roman numbers, Latin letters and other options.

### ■ Hyphenation

The hyphenation process can be controlled in detail by selecting a hyphenation package and a customized exception list, specifying the number of consecutive lines that end in a hyphen, whether a page can end with a hyphen, how to choose between possible breakpoints and cases where a sequence of characters can be split without introducing a hyphen.

### ■ Tables

Table handling is based on the CALS standard. Most of the functionality available for regular pages can be used within tables: Running headers and footers, footnotes, rotated text, border handling, graphics, lists, hyphenation etc. Table rows can be split between pages.

### ■ Footnotes

The footnote functionality handles long footnotes and allows the user to request that a footnote that is referred to several times on the same page is not printed more than once.

### ■ Multi-column formatting

Number of columns, distance between columns (gutter) and cases where text (e.g. titles) should span several columns is governed by the user through layout attributes. Columns can be balanced, i.e. the text that does not fill a whole page can be distributed equally between the columns leaving space at the bottom of the page.

### ■ **Generated text**

Text may be generated by the composer, and included in the composed page, from statements in the layout definition, fixed text, text based on the content of variables of different types, attributes or data from XML/SGML elements as well as register values.

### ■ **Generated diagrams**

The composer provides the possibility of adding diagrams etc. that are not part of the SGML data but which will be presented on the page in association with the text from an SGML element. Lines and arrows, for example, can be drawn from the start of one element to the start of another element, to visualize a connection between the content of each element.

### ■ **Map/copy/if and other ‘calculations’**

Data or attribute values from the SGML data can be copied and placed in variables intended to be used in a label or to be globally available. A MAP statement is used to access data or attributes from SGML elements, and express conditions for the setting of layout attributes. Conditions can also be expressed with IF/ELSE.

### ■ **Graphics**

The composer has functionality for floating graphics: If the space that remains on a page is insufficient for the graphic, and the graphic is moved to the next page, the space can be filled with the text that follows the graphic in the stream of SGML data. The user is offered various options for specifying the details of the handling of floating graphics. Other functionality with respect to graphics includes specifications related to scaling, and settings related to transparency.

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*CORENA USA Inc.  
40 Lake Bellevue Drive  
Suite 230  
Bellevue, WA 98005  
USA  
Tel: +1 425 643 7443*

*CORENA Canada Ltd.  
247 North Service Rd. West  
Oakville  
Ontario L6M 3E6  
Canada  
Tel: +1 905 844 9595*

*CORENA Danmark A/S  
Bregnerødvej 139  
DK-3460 Birkerød  
Denmark  
Tel: + 45 4594 9400*

*CORENA Norge AS  
Industritunet  
Dyrmyrgt.35  
N-3611 Kongsberg  
Norway  
Tel: + 47 3271 7200*

*CORENA Sverige AB  
Åbyvägen 3  
702 27 Örebro  
Sweden  
Tel: + 46 70253 7340*

*CORENA Deutschland GmbH  
Hahnstrasse 70  
D-60538 Frankfurt Am Main  
Germany  
Tel:+49 696 69 00 80*

*CORENA Holding A/S  
Beijing Representative Office  
Room 5128, 1 Sanlihe Road  
Haidian District  
Beijing 100044  
China  
Tel: +86 10 6831 3388 (5128)*