

**Signa product line features**

Feature	Signa Web	Signa SDK ¹	Signa Desktop ²
Signa functions			
Signed electronic document creation	yes	yes	yes
E-document's data objects to be signed visualization	yes	n/a	yes
E-document's content file format conversion	yes	n/a	yes
Signed electronic document initial verification	yes	yes	yes
Signed electronic document subsequent verification	yes	yes	yes
Support requirements of standard			
CWA 14170	yes	n/a	yes ³
CWA 14171	yes	n/a	yes
Signed electronic document specification	ADOC v1.0	ADOC v1.0	ADOC v1.0
Signed electronic document container			
ZIP based according to ODF packaging conventions	yes	yes	yes
Catalog hierarchical structure	yes	yes	yes
Separation of catalog physical and logical structure	yes	yes	yes
Signed electronic document components			
Electronic document content	yes	yes	yes
Electronic document signatures	yes	yes	yes
Electronic document metadata	yes	yes	yes
Electronic document content structure			
Main document	yes	yes	yes
0 - n appendices	yes	yes	yes
0 - n attached independent documents	yes	yes	yes
Attached documents recursively contain attached documents	yes	yes	yes
Document content file format			
Document formats for word processing			
Office Open XML word processing doc. format (docx)	yes	yes	yes
Open Office v 1.0 word processing doc. format (odt)	yes	yes	no
Document formats for spreadsheets			
Office Open XML spreadsheet document format (xlsx)	yes	yes	yes
Open Office v 1.0 spreadsheet document format (ods)	yes	yes	no
Document formats for presentations			
Office Open XML presentation doc. format for development (pptx)	yes	yes	yes
Office Open XML presentation doc. format for slide show (ppsx)	yes	yes	yes
Open Office v 1.0 XML presentation doc. format (odp)	yes	yes	no
Vector graphics and text formats			
PDF format for the long-term archiving (PDF/A) (pdf)	yes	yes	yes
PDF file format (pdf)	yes	yes	yes



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Raster graphics formats			
Tagged Image File Format (TIFF) (tif)	yes	yes	yes
Joint Photographic Experts Group (JPEG) format (jpg)	yes	yes	yes
Portable Network Graphics (PNG) format (png)	yes	yes	yes
Document file format conversion into PDF			
Microsoft Office (doc, xls, ppt)	yes	n/a	no
Star Office (sdw, sdc, sdp)	yes	n/a	no
OpenOffice (sxw, sxc, sxi, sxd, odg, odt)	yes	n/a	no
WordPerfect (wpd)	yes	n/a	no
Rich Text Format (rtf)	yes	n/a	no
HTML (html, htm)	yes	n/a	no
Comma-Separated Values (csv)	yes	n/a	no
Plain text (txt)	yes	n/a	no
Images (gif, bmp, wmf, pict, pcx, psd, pcd, ...)	yes	n/a	no
Electronic document signatures			
PKI infrastructure			
Stationary electronic signature	yes	yes	yes
Mobile electronic signature	yes	yes	yes
Signatures and signed objects			
Multiple signed objects	yes	yes	yes
Multiple parallel signatures	yes	yes	yes
Multiple hierarchic signatures	yes	yes	yes
Signature format⁴			
XAdES – BES	yes	yes	yes
XAdES – EPES	yes	yes	yes
XAdES – T	yes	yes	yes
XAdES – C	yes	yes	yes
XAdES – X-L	yes	yes	yes
XAdES – A	yes	yes	yes
Signature topology – detached	yes	yes	yes
Electronic document metadata			
XML metadata	yes	yes	yes
Signed metadata	yes	yes	yes
Unsigned metadata	yes	yes	yes
Signed metadata			
XML subtree signed metadata	yes	yes	yes
Binary signed metadata file (verification)	yes	yes	yes



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Metadata collection			
Mandatory metadata	yes	yes	yes
Optional metadata	yes	yes	yes
Special metadata			
Manifest – descriptions of files and content types	yes	yes	yes
Relations – file for description of relationships and Separation of container physical and logical structure	yes	yes	yes
Multilingualism			
Lithuanian	yes	<i>n/a</i>	yes
English	yes	<i>n/a</i>	yes
French	yes	<i>n/a</i>	no
Operating system			
Windows (XP, Vista, 7)	yes	yes	yes
Mac OS X	yes	yes	no
Linux	yes	yes	no
Browser			
Internet Explorer	yes	<i>n/a</i>	<i>n/a</i>
Firefox	yes	<i>n/a</i>	<i>n/a</i>
Opera	yes	<i>n/a</i>	<i>n/a</i>
Safari	yes	<i>n/a</i>	<i>n/a</i>
Chrome	yes	<i>n/a</i>	<i>n/a</i>
Availability			
Free accessible: signa.mitsoft.lt	yes	<i>n/a</i>	<i>n/a</i>
Free available: http://www.mitsoft.lt/lt/content/viewitem/73/	no	no	yes
Open source	no	no	no
Licence	<i>n/a</i>	yes	no
Unlimited licence	<i>n/a</i>	no	yes

¹ Signa SDK – software libraries designed to integrate electronic documents creation and verification functionality into organizations' document management systems. Existing integrations are:

- DBMS @vilys, UAB Sintagma: <http://www.sintagma.lt>
- DBMS eSodas, UAB Affecto Lietuva <http://www.affecto.lt>

² Signa Desktop – desktop application designed to create and verify electronic documents that are signed with qualified electronic signature and which format conforms to requirements of the specification ADOC v1.0. Available for download: <http://www.mitsoft.lt/lt/content/viewitem/73/>

³ Yes – not for all file formats

⁴ Signature format – all formats indicated are verified; creation of formats XAdES – T and higher is restricted because of paid qualified time stamping service