

## PRESS RELEASE

*New versions of PLOP and PLOP DS – for Linearization, Optimization, Protection, and Digital Signatures*

### PDFlib PLOP 4 and PLOP DS 4 available

*The new versions of the two products PLOP 4 and PLOP DS 4 can now handle XMP metadata. PLOP DS as a software focussed on digital signatures now also supports secure hardware tokens.*

**Munich, December 19, 2008.** PDFlib GmbH announced the availability of the two new product versions PLOP 4 and PLOP DS 4.

**PLOP DS 4.** In PLOP DS 4 additional support for cryptographic tokens for digitally signing PDF documents was added. On Windows, Linux, and Solaris PLOP DS can attach cryptographic tokens via the standard PKCS#11 interface. Using this interface digital IDs on smartcards, USB sticks, and other secure devices can be used for generating the signatures. This includes devices with integrated keyboard for secure PIN input.

**PLOP 4.** The new version of PLOP is now able to insert XMP metadata into PDF documents or extract XMP from PDF. Inserted XMP will be validated to make sure that valid output can be created. If the input document conforms to the PDF/A-1 standard, the user-supplied XMP must conform to the XMP rules set forth in PDF/A. These rules (including XMP extension schema validation) will be checked by PLOP to make sure that PDF/A input plus user-supplied XMP will result in standard-conforming PDF/A output.

**About PLOP.** PDFlib PLOP is a versatile tool for linearizing, optimizing, repairing, analyzing, encrypting and decrypting PDF documents. PLOP linearization and optimization features create efficient and small PDF documents for fast Web delivery. PLOP protection features encrypt or decrypt PDF documents and apply or remove permission settings, such as »printing not allowed« or »content extraction not allowed«. PLOP's repair mode automatically detects damaged PDF documents and fixes the problems if possible. PLOP analysis features can be used to query arbitrary properties of a PDF document. Document info entries and XMP metadata can be retrieved and set in a PDF/A-conforming manner.

**About PLOP DS.** PLOP DS is based on PDFlib PLOP, a versatile tool for linearizing, optimizing, repairing, analyzing, encrypting and decrypting PDF documents. The extended version PLOP DS additionally offers the ability to apply digital signatures to PDF documents. The PDF signatures can be validated with Adobe Acrobat and Adobe Reader, without the need for any additional validation software. .

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**Pricing and availability.** On Windows Server 2000/2003/2008, Apple Mac OS X Server or Linux PLOP 4 costs 395 Euro or US-\$ 495. For the same platforms PLOP DS is priced at 795 Euro or US-\$ 995. For Windows 2000/XP/Vista or Mac OS PLOP costs 79 Euro or US-\$ 99 and PLOP DS 159 Euro or US-\$199. Further packages are available for Sun Solaris, IBM AIX und HP-UX.

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