

## PRESS RELEASE

PDFlib GmbH releases PDFlib PLOP 3 and PDFlib PLOP DS

# Digital Signatures for PDF and improved Security Features

*The new version 3 of PDFlib PLOP comes with many new or enhanced features and adds PDFlib PLOP DS – a powerful toolbox for digital signatures for PDF.*

**Munich, July 18, 2007.** The Munich-based software developer PDFlib GmbH today released PDFlib PLOP 3. In parallel the company released the new product PLOP DS for digitally signing PDF documents. PLOP 3 offers many new and improved functions, including AES encryption, integrated pCOS interface for analyzing PDF, and a repair and optimization mode for input PDF documents. In addition, document and XMP metadata can be retrieved and set.

**Digital signatures.** PLOP DS (Digital Signature) offers all features of PLOP, plus the ability to apply digital signatures to PDF documents. The signatures can be validated in Adobe Acrobat and Adobe Reader, without the need for any additional software. Signatures can be created from digital IDs in the common PKCS#12 and PFX certificate formats. On Windows digital IDs from the Windows certificate store can also be used.

PLOP DS can create signatures in existing signature fields or generate new fields to hold the signature. The generated signatures can be invisible, or visible at a particular location on a page. Several properties of the signature can be supplied, which will be visible in Acrobat, such as the reason of the signature, location, contact info, etc.

**PLOP DS – specialized on PDF.** PLOP DS takes advantage of the long experience of PDFlib GmbH with software for the PDF format, and properly deals with many special cases and format peculiarities.

All PDF versions up to and including PDF 1.7, the file format of Acrobat 8, are supported. PLOP signatures are PDF/X- and PDF/A-aware: if the input conforms to one of these standards, the output is guaranteed to conform to the same standard.

**PDFlib PLOP is everywhere.** PLOP 3 and PLOP DS run on practically all computing platforms. PDFlib GmbH offers variants for all common flavours of Windows, Mac OS, Linux and Unix. PLOP and PLOP DS for IBM eServer iSeries/i5 and zSeries systems are planned.

The PLOP core is written in highly optimized C code for maximum performance and small overhead. Via a simple API (Application Programming Interface) the PLOP functionality is accessible from a variety of development environments like COM, C and C++, Java, .NET, Perl, RPG and PHP.

**Further enhancements.** PDFlib PLOP and PLOP DS include the pCOS interface. pCOS is also available as a separate product. It can be used to query arbitrary properties of an existing PDF document via a simple path syntax. This can be utilized to query security status, permission settings, document info entries, XMP metadata, and many other PDF properties.

PDFlib PLOP supports 128-bit encryption with the AES algorithm (Advanced Encryption Standard) as supported by Acrobat 7. AES encryption is considered much more secure than earlier crypto algorithms.

A new a repair mode for importing damaged PDF data is now part of PLOP and PLOP DS.

PDFlib GmbH

Tal 40

D-80331 München

+49 · 89 · 29 16 46 87

+49 · 89 · 29 16 46 86

press@pdflib.com

www.pdflib.com

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**Availability and pricing.** PDFlib PLOP 3 and PDFlib PLOP DS for Windows, Mac, Linux and Unix are available as of today. Versions for IBM iSeries/i5 and zSeries are planned.

PLOP packages are available for free download at [www.pdflib.com](http://www.pdflib.com), and contain combined binaries which cover the two products PLOP and PLOP DS. Both products can be evaluated without a license, but some features are restricted unless a valid license key is applied. The license key will activate PLOP or PLOP DS.

PLOP is licensed on a per-computer basis, regardless of the number of users or processors. Pricing for desktop licenses starts at 79 Euro (99 US-\$) for PLOP and 159 Euro (199 US-\$) for PLOP DS. A license for Windows Server, Mac OS X Server or Linux costs 395 Euro (495 US-\$) for PLOP and 795 Euro (995 US-\$) for PLOP DS. For Sun Solaris, IBM AIX and HP-UX the prices are 795 Euro (995 US-\$) for PLOP and 1595 Euro (1995 US-\$) for PLOP DS.

**About PDFlib PLOP and PLOP DS.** PDFlib PLOP (PDF Linearization, Optimization, Protection) offers a straightforward way to linearize and optimize PDF files for fast Web delivery. In addition, it can encrypt documents, set permission restrictions, and optimize and repair PDF documents.

PDFlib PLOP DS (Digital Signature) offers all features of PLOP plus the ability to apply digital signatures to PDF documents.

**About PDFlib GmbH.** Munich-based PDFlib GmbH, founded in 2000, develops leading edge development tools for server-centric generation and processing of PDF documents.

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