

## **3-Heights Products Version 1.60 released New Java Document Viewer available**

November 30, 2007 (Winkel/CH) – PDF Tools AG ([www.pdf-tools.com](http://www.pdf-tools.com)) has officially released Version 1.60 of their 3-Heights PDF programming tools. This release reflects the cumulation of one year of improvements and new features being added to their world-leading PDF programming tools. Version 1.60 also includes the official release of the award winning "3-Heights PDF to PDF/A Converter". In the accompanying first pre-release of Version 1.70, the new "3-Heights Java Document Viewer" has been introduced. This powerful and flexible component enables applications such as DMS and ECM systems to view, print, and rasterize various document formats.

### **Official Release of the "3-Heights PDF to PDF/A Converter"**

The award winning "3-Heights PDF to PDF/A Converter" converts standard PDF documents to PDF/A compliant files, while offering outstanding performance and unique features during the conversion process. After analyzing the input PDF documents, the files are converted to the highest possible level of conformance. Required information is embedded or reformatted, forbidden content is removed, and repairs are carried out. Finally, a PDF/A compliant digital signature can be applied, helping ensure that archived files are not manipulated or compromised in the future.

### **Enhancements to all 3-Heights Programming Tools**

All 3-Heights products benefit from a variety of new features that have been added with this release. For example, the "3-Heights Image to PDF Converter" can now produce PDF/A-1a conforming files by allocating an alternate text to images, helping fulfill the accessibility guidelines (WCAG) according to WC3. The upgraded image import function of the converter now produces even smaller JPEG image data streams and accepts a wider range of TIFF formats from legacy creators. In addition, a wider support of embedded ICC profiles is provided by the color management system of the converter.

The 3-Heights PDF Printer Products have been enhanced with numerous new features, including converting embedded fonts to outlines, a more sophisticated handling of TrueType fonts, a faster process for loading printer driver DLL's, and much more. The "3-Heights PDF Security Tool" now supports the creation of digital document signatures on Windows platforms.

### **"3-Heights Java Document Viewer" introduced**

The official release of Version 1.60 will be immediately followed by the first 1.70 Pre-Release version, introducing the new "3-Heights Java Document Viewer". This viewer is a powerful and flexible component that enables applications, such as DMS or ECM systems, to view, print, and rasterize various document formats including PDF, TIFF, JPEG, BMP, JB2, JP2, JPX, PNG, GIF, and ASCII text. Additional formats, including XPS, will be added later. The viewer also supports multi-page TIFF, Chinese, Japanese, Korean (CJK) fonts, patterns, shading, transparency, and many more PDF features.

The tool gives the application programmer utmost freedom in designing the user interface. With the component, an extensive GUI implementation for the Java Swing framework is delivered. This can quickly and easily be adapted to the needs of the application. Accelerator libraries (DLLs, shared objects) for various platforms such as Windows, Linux, Sun Solaris, AIX, HP-UX, etc. provide a viewing performance normally associated only with native implementations.

## About PDF Tools

PDF Tools AG's team started developing PDF software together back in 1993. Founded as an independent company in 2002, PDF Tools AG today is a world leader in PDF programming technology for customers in all market segments.

PDF Tools AG provides server-based software products designed specifically for developers, integrators, contractors, consultants, customizing specialists and IT-departments. Thousands of companies worldwide use the products directly and hundreds of thousands of users benefit from the technology indirectly via a global network of OEM partners. The tools can be easily embedded into application.

Dr. Hans Bärffuss, CEO of PDF Tools AG, is an internationally acclaimed expert in PDF programming technology. He is Switzerland's representative in the ISO 19005-1 working group for PDF/A and he is also vice president of the PDF/A Competence Center, which has been co-founded by PDF Tools AG.

The head office of PDF Tools AG is in Switzerland near Zurich, where the software development and European sales teams are located. A sales office in western Canada supports American and Pacific region customers. All products can be purchased directly on the internet (<http://www.pdf-tools.com/>) and free evaluation licenses are available online.

Co-Founder:



PDF Tools AG  
Geerenstrasse 33  
CH-8185 Winkel  
Switzerland

Phone    +41 43 411 44 50  
Fax       +41 43 411 44 55  
E-Mail    [pdfsales@pdf-tools.com](mailto:pdfsales@pdf-tools.com)  
Web       [www.pdf-tools.com](http://www.pdf-tools.com)