



Qualcomm® DirectOffice™

Document Conversion Software

Document conversion software designed to render Microsoft Office documents into high-fidelity output.

DirectOffice enables convenient walk-up printing. The DirectOffice software resides within the printer firmware and renders documents directly on the printer, enabling printing from virtually any source.

Today, more and more users are working away from their desks and PCs, and documents are often stored in the cloud or on mobile storage devices and are accessed on phones and tablets. Users want to print their documents no matter where the documents are stored or what device is being used.

In addition, users are now depending on their printers and multi-function printers (MFPs) to do more than ever before. They want to access, view and print their documents right from the control screen using SmartMFP apps running on the device. These users want all their documents to be available, not just images and PDF documents.

A new way to securely and accurately print documents from wherever they are stored and from any connected devices is needed.

DirectOffice meets this need by enabling printing of the most popular business document types—Word, Excel and PowerPoint—without the need of a PC, print driver, Microsoft application or cloud printing service. By enabling direct printing of such documents on the printer itself, DirectOffice is designed to ensure that secure and accurate printing and viewing is always available.

Solution Highlights

High-fidelity rendering

DirectOffice output closely matches Microsoft Office output. Regardless of the version used to create the original, DirectOffice correctly places text and paragraphs, accurately displays images, shapes, tables, WordArt and SmartArt, and retains line and page breaks.



Innovative font emulation

DirectOffice software emulates over 700 fonts across 45 languages to ensure great text rendering and worldwide compatibility. This patented font solution requires only limited memory, as is typical in an embedded environment, and removes the need for costly font licensing.



Flexible delivery options

DirectOffice software can be delivered as part of the Qualcomm® IPS™ Universal Print Interpreter for embedding into print firmware on a printer or as an SDK for use in software solutions to enable web, desktop or mobile conversion.



Development support

The DirectOffice team of developers, with years of experience in creating DirectOffice and print interpreters for page description languages (PDLs), are ready to help manufacturers integrate DirectOffice successfully.



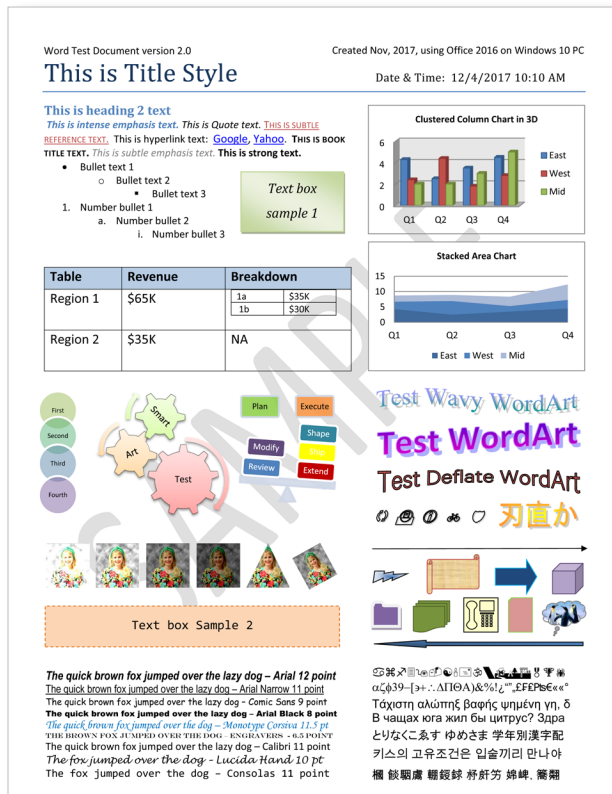
Proven solution

Our Printer and Imaging team has been focused on format conversion solutions for over 30 years and has invested 100 + person years in Office format conversion to develop a best-in-class solution for multiple markets. DirectOffice conversion has been used to convert over a billion documents for viewing and printing worldwide.



DirectOffice Walk-up Print Applications

Microsoft Office



Walk-up Printing Support

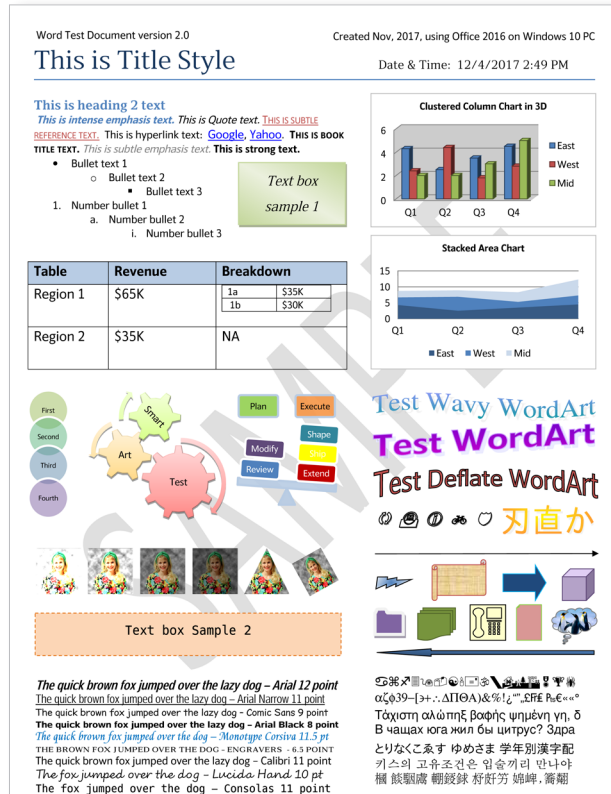
Walk-up printing support for images and PDF files is already a common feature in today's printers and MFPs, but support for the most popular file formats—Word, Excel and PowerPoint—is often missing. Now, for the first time, high-fidelity, walk-up printing of Office documents is available with DirectOffice Embedded Print.

Enable "Print anything, anywhere" by hosting file conversion right in your printer, allowing users to print documents on-the-go, without having to use a pre-configured cloud print service or return to their PC to print.

To learn more visit: qualcomm.com



DirectOffice



Specifications

Input Format Support

- Word: ".doc", ".dot", ".docx", ".docm", ".dotx" & ".dotm"
- Excel: ".xls", ".xlt", ".xlsx", ".xltn", ".xltx" & ".xltm"
- PowerPoint: ".ppt", ".pot", ".pptx", ".pptm", ".potx" & ".potm"
- **Quality Assurance**
- Quality Logic
- Jeita
- ISO
- Aimtex
- Real-world files

Output Format Support

- PostScript
- PDF
- Image Formats
- Print-ready Raster

Delivery Options

- Source Code: C++
- Binary SDK

Office Version Support

- Microsoft Office '97–2019 and the latest Microsoft 365 updates