

# Printer/MFP Performance Testing Tools and Services



## Accurate, Fast Performance Measurement

QualityLogic's **PageSense** revolutionizes printer and MFP performance measurement with automated, accurate, standardized testing. PageSense 10 supports Windows 10 and the latest applications. Industry publications and leading printer manufacturers use PageSense to automate performance testing and provide directly comparable results between printers.



PageSense is the standard, accurate approach to MFP performance testing with support for scan, copy and fax.

### **PageSense offers six performance test modes:**

#### **Print from PageSense**

PageSense provides application test files and an automated process for printing and recording time measurements using a sensor unit. Accurate performance data is automatically logged into a database and can be displayed graphically for comparison. *Print from PageSense* measures the interval from the time the OK button is clicked in the print dialog to the moment the last page enters the printer's output bin.

#### **Print from Anywhere**

This semi-automated test monitors performance from platforms not currently supported by PageSense, such as standalone photo printers, Mac OS® or Linux®. A remote triggering device starts the PageSense timer simultaneously with the remote start of print.

#### **Copy**

This semi-automated test remotely monitors copy performance. The remote trigger automatically starts the timer when you push the Copy button. Output is detected by the sensor, and performance is captured and reported.

#### **Fax**

The Fax mode measures the time it takes to print a fax at the MFP. The fax is sent to the MFP, and the output is detected via the PageSense sensor. *Fax* uses the remote trigger to start the PageSense timer.

#### **Scan**

This mode measures the time required to scan a document and send it to the PageSense test PC. Time to completion and size of the file are captured. The remote trigger automatically starts the PageSense timer when you manually start the scan to send a file to the MFP. The sensor is not used.

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## Binary Print Utility (BPU)

BPU prints captured files without the supported applications. PageSense creates and sends captured files directly to the printer, monitoring the amount of data sent and measuring the elapsed time to print the output.

## Customizable Scripts

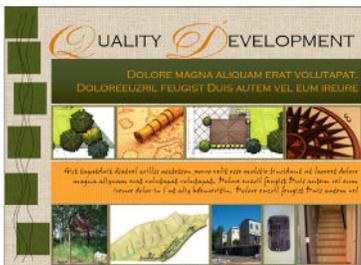
SmartBear TestComplete v11 or v12 runs test scripts that manage print, copy, fax and scan tests. Printer testing is completely automated from application launch to data logging. PageSense 10 includes test scripts for all test files specified by ISO 24734 and 24735.

TestComplete scripts can be customized to perform additional automated tests, such as including your own test files, selecting different printer driver features, and automating driver regression testing.

## Performance Test Files

PageSense test files are designed for performance testing. They are categorized as simple, moderate and complex, with extensive use of text formatting, graphics, images, color and multi-page design elements.

PageSense 10's ISO 24734/24735 support is based on the 2014 updates of these standards and includes ISO image files. Eight images in three color spaces can be printed using



Photoshop, and additional test pages provide you with a complete photo suite.

## PageSense Applications

Adobe®:

Acrobat XI, DC  
Illustrator CS6, CC  
InDesign CS6, CC  
Photoshop CS6, CC

Corel® CorelDRAW! X8

Quark® QuarkXPress 2015

Microsoft®:

Access 2016  
Excel 2013, 2016  
Internet Explorer 11, Edge  
PowerPoint 2013, 2016  
Publisher 2013, 2016  
Visio 2013, 2016  
Word 2013, 2016

## Comprehensive Reporting

PageSense uses Microsoft Excel Pivot Tables to provide a wide range of reports that you can easily customize. All test data is stored in a single worksheet, so creating new reports is a snap. A spooler monitor reports file size, data transfer rates and elapsed spool time so you can isolate any performance problems to the driver or the printer.

PageSense creates ISO 24734/24735-style reports only if the test data meet the ISO criteria. If the criteria are not met, the test must be repeated before an ISO Report can be generated.

## Automatic, Accurate Timing

PageSense's sensing unit detects paper eject events and transmits a time stamp, ensuring accuracy and minimizing system overhead. PageSense supports both external and internal duplexers. Stand-alone sensor support allows you to integrate the sensor into your own software and measure paper sensor events.

## Performance Test Services

QualityLogic test engineers use their extensive industry experience to provide the best in performance testing services.

## For More Information

Visit [www.QualityLogic.com](http://www.QualityLogic.com) or call +1 208-424-1905

