

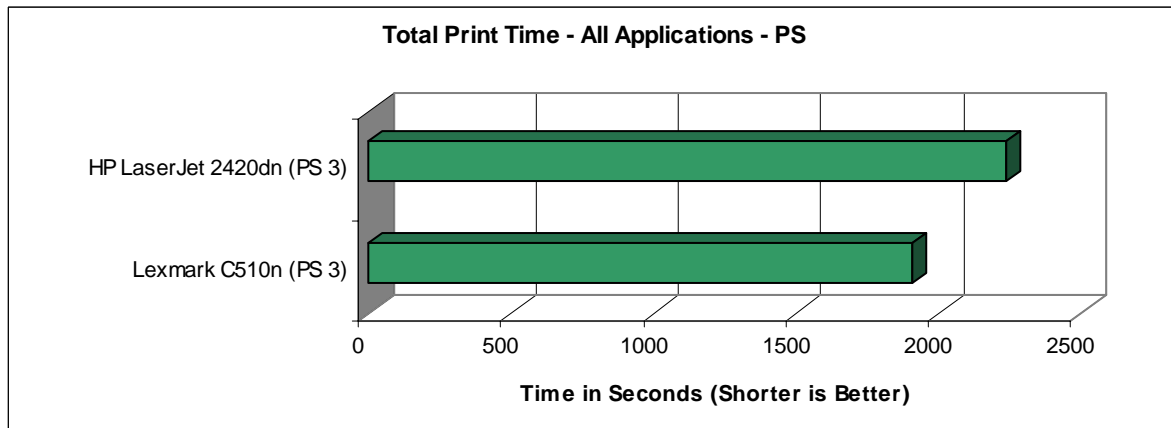


QualityLogic Inc. – Test Report

Lexmark C510n (in monochrome mode) 17 percent faster than HP LaserJet 2420dn

June 2005 - QualityLogic Inc., a leading independent test firm, was recently commissioned by Lexmark International Inc. to conduct tests to compare the performance of the Lexmark C510n color printer (with the driver set to print in monochrome mode) to the Hewlett Packard LaserJet 2420dn (a monochrome only printer). Both printers were tested using the latest available, highest function level driver that supported the PostScript datastream for each respective manufacturer.

Lexmark's C510n measured faster than the HP LaserJet 2420dn. When comparing the total print times of all test files, the Lexmark C510n measured 17 percent faster than the HP LaserJet 2420dn.



QualityLogic selected the test files and methodology for this study using the PageSense 4.2 Business Suite for Office XP. QualityLogic's PageSense printer performance test tool is an industry standard that is used in *PC Magazine's* printer performance test reviews. The PageSense 4.2 Business Suite contains monochrome and color test files of varying complexity for Microsoft Office XP, Internet Explorer 6.0, Adobe Acrobat 6.0, and Photoshop 7.0.

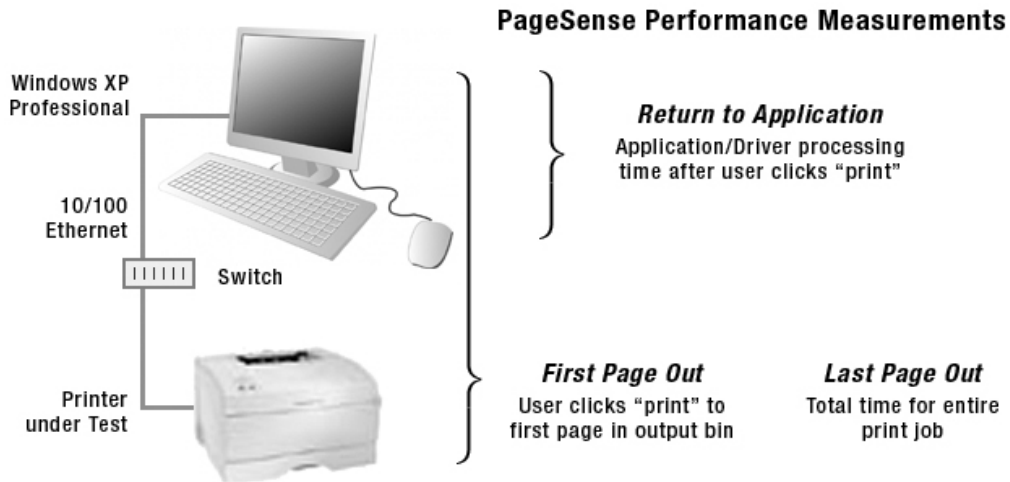
Methodology

PageSense uses an automated process for printing and recording time measurements using a smart paper-sensing unit. Accurate performance data is logged into a database automatically. Each printer is run with the same network configuration. Each file is run twice to ensure a total print time measurement variation no greater than 5 percent. The Business Suite test files selected by QualityLogic are a subset of the standard PageSense 4.2 test files and are intended to replicate the type of files printed by the typical business customer. Even though the C510n is a color printer, Lexmark identified this printer as a viable alternative based on comparable price and target markets. Performance tests that use different printer firmware versions, drivers, test files, or test computers may generate results different from those in this report. The test results were provided by QualityLogic. Testing was performed under laboratory conditions and your results may vary.

Configuration

Testing was performed with applications running on a Dell Optiplex GX270 3.2 GHz Pentium 4 Windows XP Professional client with 1.0 GB of RAM. The client and the printer were attached via a 10/100 Mbps switch. Each printer was tested at its respective standard printer memory configuration. The Lexmark C510n had 128 MB of installed memory and the HP LaserJet 2420dn had 64 MB.

Both printers and printer drivers were configured to their default settings with the exception that the “Print in black and white” option in the Lexmark C510n printer driver was checked. This option is located at menu location General – Printing Preferences – Print Quality. Both printers used the PostScript 3 datastream. Detailed printer specifications may be obtained from the respective printer manufacturer’s web sites.



About QualityLogic

QualityLogic Inc. is a Software Quality Services and Test Tools Company, with a focus on Imaging and Telecommunications industries. QualityLogic's target markets are companies that develop and market printers, multifunction peripherals, facsimile devices, and client-based and mobility software. The company's testing services and related tools focus on the conformance, performance, and interoperability testing needs of its customers, from low level firmware testing, to high level multi-tier application testing. Visit QualityLogic's web site, www.qualitylogic.com, or call 800-436-6292, Ext 35.

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For additional information about PageSense, see

http://www.qualitylogic.com/genoa_test_tools/performance/pagesense.html