Print to Web with InkZone Report

InkZone

The InkZone Report software package, available for X-Rite and Techkon scanning instruments, as well as Digital Information's InkZone Move software, has been developed to analyze and display how well current press work matches print industry standards such as ISO or G7.

Now, color quality information can be accessed not only through local intranet network topology, but also by using a state of the art web server. InkZone Report has the ability to deliver print quality reports worldwide to different types of computer platforms by using a common web browser.

Measure and compare

In leading-edge print production, the ability to monitor daily output to meet international standards is imperative. InkZone Report enables the collation of color data on each job and verifies if current and post print run conditions are within the defined quality operating zone.

By automating the process of reading spectrophotometric and/or densitometric data, InkZone Report can store job quality information in a centralized SQL database. From this data pool, both single sheet and complete production reports can be generated in HTML file format. By clicking on the automatically created index file, the desired report can be selected and viewed on an unlimited number of workstations running a standard web browser (e.g. Google's Chrome).

InkZone Report shows job target values and compares them against printed job data in the solids, (Lab and delta E), dot gains, mid-tone spread and substrate. The result is an onscreen "pass" or "fail" report for each print job. InkZone Report manages process colors (CMYK), as well as spot colors.

Printing to intranet or web

Graphics in InkZone Report are calculated from scanned color bar data and converted to HTML format. By clicking on specific spots inside the report chart, the user can immediately see the scanned color data information as mathematical figures.
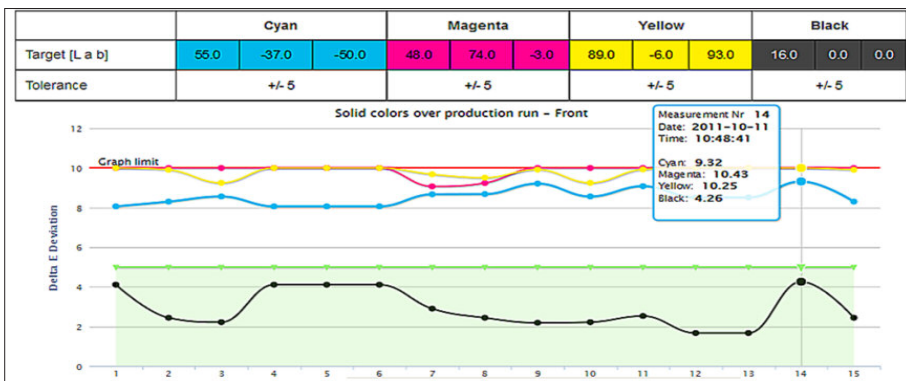
By adding an Apache HTML web server, the availability of InkZone Report can be moved from local, directory-based intranet to the World Wide Web. This allows authorized users to have worldwide access to InkZone Report. InkZone Report measures the stability of color printouts and detects impact variations on print product quality. Demo data of InkZone Report is available at www.digiinfo.com/products/inkzone/report.
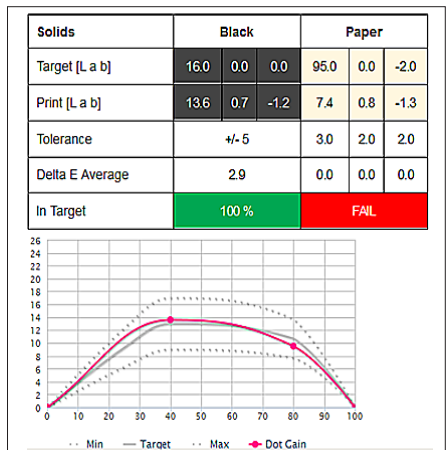
Technical requirements

- InkZone Report local Server Platform: Windows 7 Professional.
- Web access through an internet server running Apache HTTP server software.
- Client: Web browser.
- Client support for Apple iPad.
- One license of IZ Report supports up to three printing devices.

Supported scanning devices

- Any scanning instrument controlled by InkZone Move.
- Techkon SpectroDrive and SpectroJet controlled by Expresso scanning software.
- X-Rite IntelliTrax and EasyTrax controlled by X-Rite scanning software.
- Further scanning instrument support to be announced.

Solids	Black			Paper		
Target [L a b]	16.0	0.0	0.0	95.0	0.0	-2.0
Print [L a b]	13.6	0.7	-1.2	7.4	0.8	-1.3
Tolerance	+/- 5			3.0	2.0	2.0
Delta E Average	2.9			0.0	0.0	0.0
In Target	100 %			FAIL		

Real-time information about the difference between color standards and current print job quality.

	Cyan			Magenta			Yellow			Black		
Target [L a b]	55.0	-37.0	-50.0	48.0	74.0	-3.0	89.0	-6.0	93.0	16.0	0.0	0.0
Tolerance	+/- 5			+/- 5			+/- 5			+/- 5		

Solid colors over production run – Front

Measurement Nr 14
Date: 2011-10-11
Time: 10:48:41
Cyan: 9.32
Magenta: 10.43
Yellow: 10.25
Black: 4.26

Based on HTML, InkZone Report delivers print color information as charts and numbers.

Digital Information

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