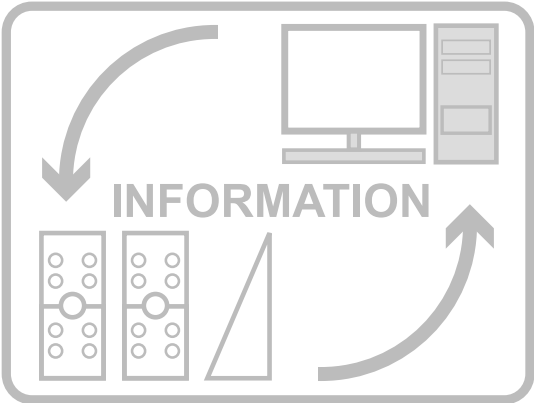**INFORMATION**

I Q M

QUALITY MANAGEMENT SYSTEM

Q.I. PRESS
CONTROLS

INTELLIGENT QUALITY MANAGEMENT

QUALITY MANAGEMENT SYSTEM

The IQM (Intelligent Quality Management) is a management information system which visualises the quality of the printed matter produced. IQM is a web-based system that makes use of the measurement data from the IRS, mRC+, mRC-3D, IDS and IDS-3D. In addition to providing detailed information about the individual product quality, the IQM system can help develop strategies and solutions to improve the production process.

What are the unique features?
- The IRS, mRC+, mRC-3D, IDS and the IDS-3D provide the IQM with details on the colour register, the colour density, cut-off register, side-lay register and fan-out.
- External sources with relevant details about the printing process, such as web tension, temperature and humidity, can be linked to the IQM.
- Real-time information about the product quality is provided, taking into account additional external variables which may affect your printed matter.
- The IQM is a web-based system, storing data in a SQL database.

What are the advantages of the IQM?
- Increased production capacity.
- The quality tolerances can be preset for each product.
- A warning signal is triggered to enable immediate adjustment of a non controlled variable if the system detects a variation from the quality levels you entered.
- Details about waste are collected, including the frequency of out of tolerance events, enabling you to investigate whether customers' claims are justified and if so, to what degree.
- Possibility to generate quality reports per press or per job.
- Visual comparisons of all production variables, including different kinds of paper, ink and blanket indicating how they affect quality and waste.
- Remote management via internet or other means is possible.

Options:
- Plate-to-plate register analysis to document plate-to-plate defects on newspaper presses.
- Automatic make-ready time calculation.
- Real time module to display the results measured by the QIPC control systems installed.
- Trend analyses add-on module is used to display press performance in time, which can be visualised by selctable aggregation methods.
- Shift performance module to compare the various shifts on the different presses. This enables easy comparison of performance levels.
- Connection module to compare different presses physically located at different locations.
- Reporting by exception.
- Comparison of press lines.

Specifications

Software:
Operating system:	Microsoft Windows 2008 Server
Database:	Microsoft SQL Server 2008
Web platform:	.NET framework 4.0

Control system:
Real-time information delay:	10 seconds
Availability of analysis history:	1 month
Availability of production history:	5 years
Back-up capacity (optional):	10-30 GB a week

Requirements:

Client operator hardware:
Type:	IBM PC & Apple compatible
Video card resolution:	1024x768
Network:	Ethernet 10/100 Mbit adapter

Client operator software:
Operating system:	Microsoft Windows 9x/ME/NT/2K/XP/Windows 7 Apple Mac OS X Leopard or Mac OS X Tiger version 10.4.11 and higher
Web browser:	Microsoft Internet Explorer 8 and higher Safari 4.0 and higher (Windows and Mac) Google Chrome 2.0 and higher (Windows) Firefox 4.0 and higher (Windows) Opera 10.0 and higher (Windows)
Software:	Adobe Reader

Specifications may change without further notice.

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