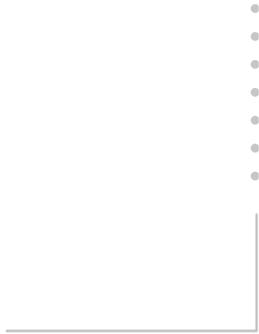
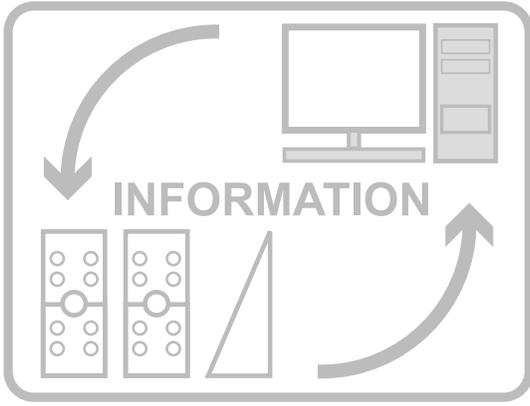


**I Q M**



QUALITY MANAGEMENT SYSTEM

# INTELLIGENT QUALITY MANAGEMENT

## QUALITY MANAGEMENT SYSTEM

The IQM (Intelligent Quality Management) is a management information system which visualizes the quality of the printed matter produced. IQM is a web-based system that makes use of the measurement data from the IRS, mMRC+, mMRC-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, mMRC+, mMRC-3D, IDS and the IDS-3D provide the IQM with details on the color register, the color 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 coupled 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 selectable 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 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)
Web browser:	Adobe Reader
Software	

Specifications may change without further notice.

