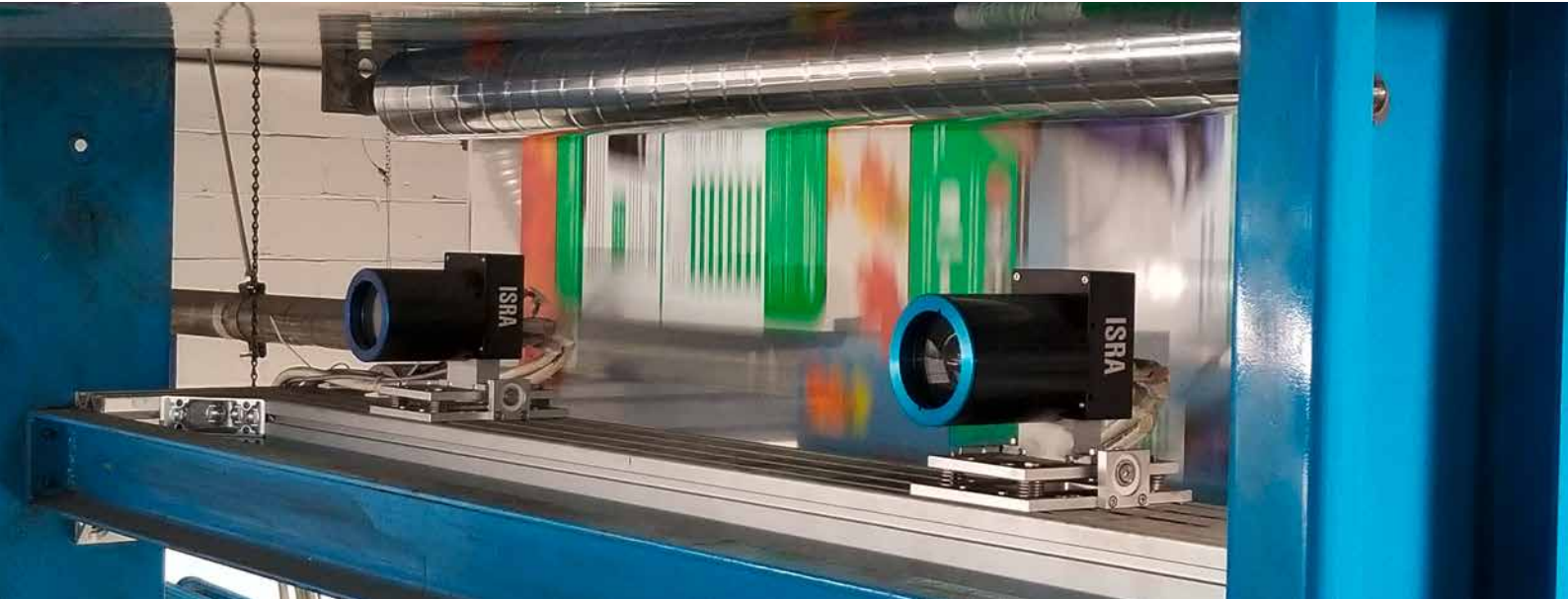


## Always stay within Your Quality Specification and Push Your Productivity: **PrintSTAR**



## PrintSTAR

100% Web Inspection for Zero Defect Print Quality

### Industry Requirements

- Production at uppermost speeds
- Minimum make-ready time efforts
- Highly efficient production, minimized waste
- Increased quality requirements

### PrintSTAR – Digital support for all printing processes

- 100% print inspection in full coverage, anywhere and anytime
- Basic setup to detect sporadic and repeating print defect
- Digital Assistance to extend the inspection capabilities of the basic setup: for PDF verification, web viewing, inline color measurement for shortened make-ready
- Additional digital assistance for inline process monitoring tasks
- Tools to get more out of your inspection data

### Applications

- Flexible packaging printing
- Personal care & hygienic film printing
- Aluminium packaging for pharma, food & pet food
- Labels and shrink sleeves
- Liquid packaging
- Security printing

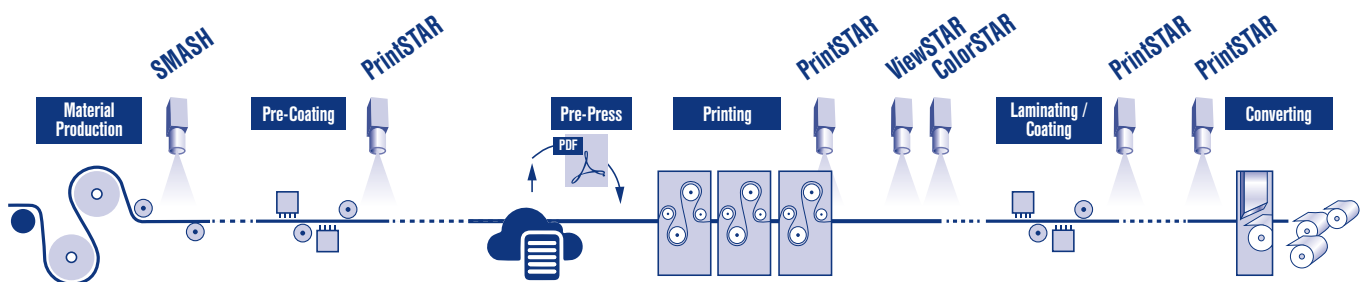
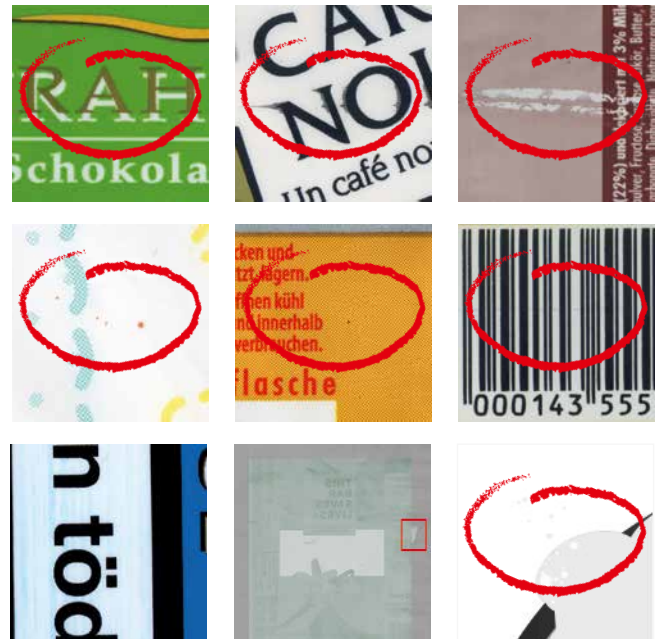
### Highlights

- Most comprehensive supplier of digital assistance tools for first-time-right, stay right, deliver right.
- PDF verification – be right with the first impression
- Continuous front-to-back registration – just one roll-map for all of your applications
- Analyze your production process with our data mining software <sup>E</sup>PROMI to make the correct decisions
- 100% inspection of printed material (film, paper, foil)
- coating and lamination inspection as an integral part fo inspection along the workflow

**Printing Excellence!**  
Right the First Time. Every Time.

## Features

- High-resolution, high-speed color linescan cameras
- Unique combination of ultrabright LED illuminations in reflection and transmission
- Fixed image acquisition units based on linescan cameras and LED illumination units
- Inspection width: from 600 mm up to 2500 mm; others on request
- Touch-based graphical user interface
- Intuitive job setup & job management
- Plug & Inspect link to ViewSTAR
- LiveWebView for fine tuning of the register during make ready and monitoring the entire web width while the printing process is running
- Assistance for Make-Ready: QuickPROOF, ViewSTAR, ColorSTAR
- Assistance for print defects: Advanced Streak Detection, Advanced Hazing Detection, Dot Gain Alert
- Assistance for value-adding inline processes: coldseal inspection, varnish inspection, front-to-back-registration, print-to-slit-registration for inline slitting
- Inspection of lamination process
- Assistance for color consistency: ColorWATCH, ColorWATCH+, ColorSTAR
- Assistance for product/process monitoring: Repeat Length Measurement, Stretch Measurement
- Inspection data stored in database
- Workflow management with review functionalities and waste removal functionalities for the converting department
- Interface to <sup>e</sup>PROMI advanced reporting and data mining tool



## Optimizing Workflow with Inspection STARs

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