



## Detect ALL Defects of Flexible Packaging with Innovative Technology!

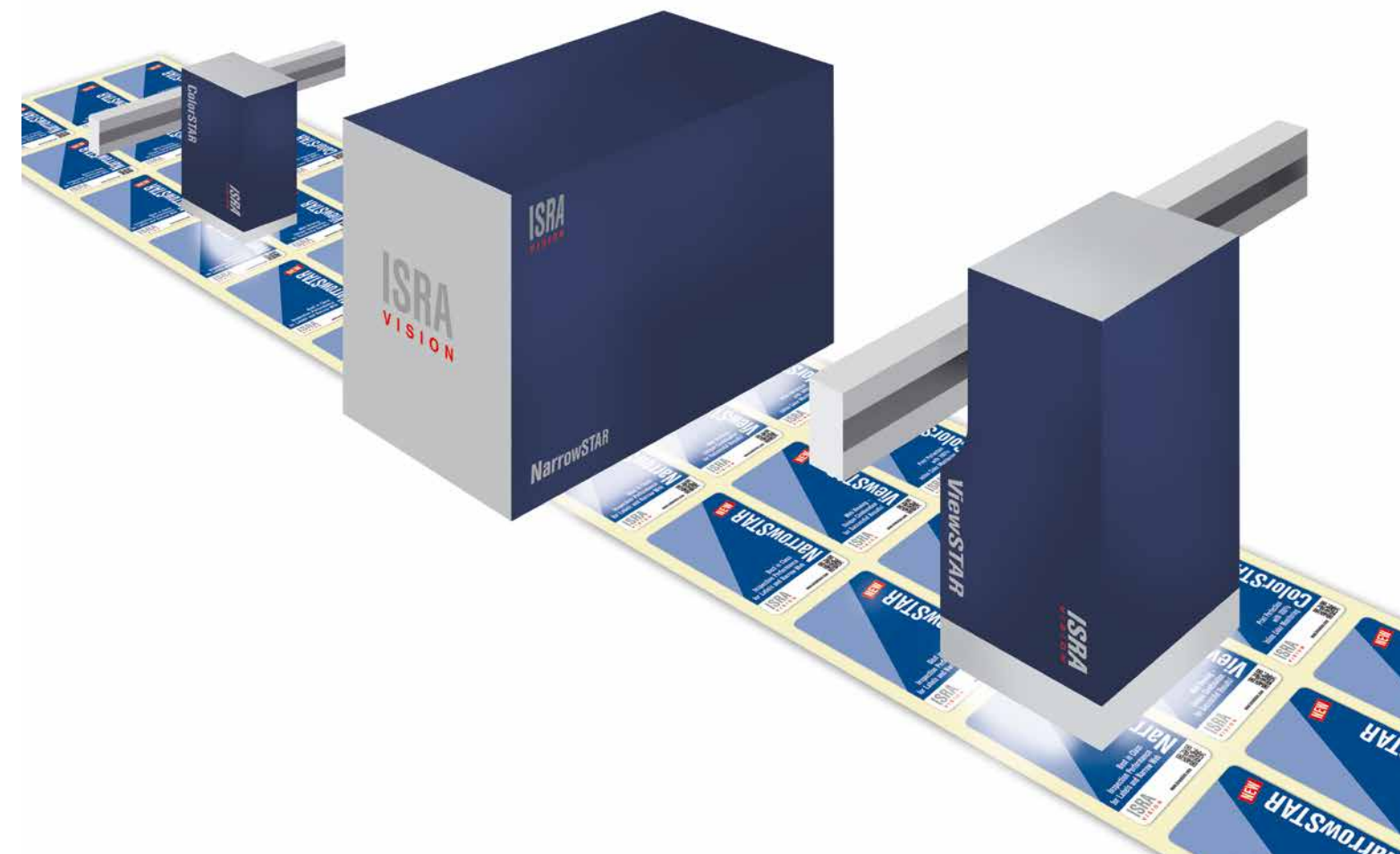
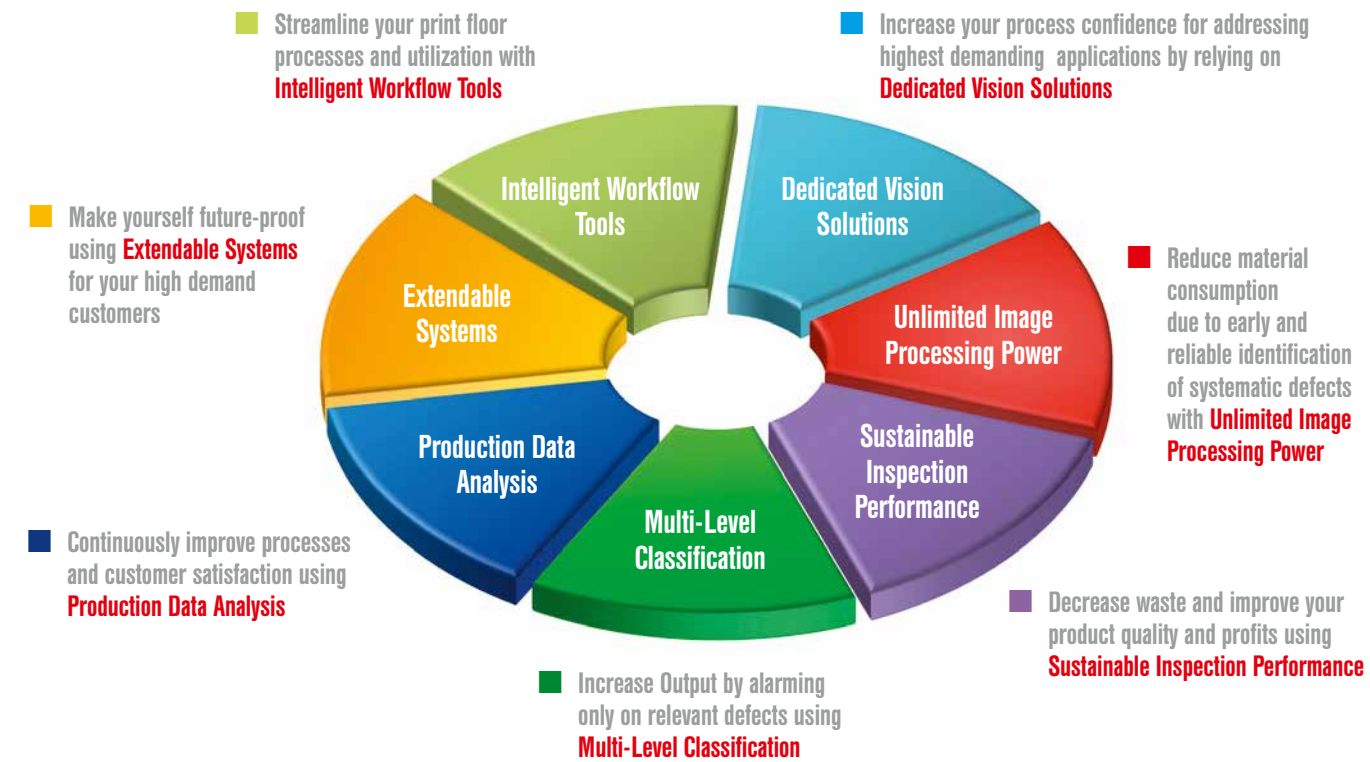
Maximize Quality + Productivity + Efficiency

More than a thousand inspection systems installed worldwide!

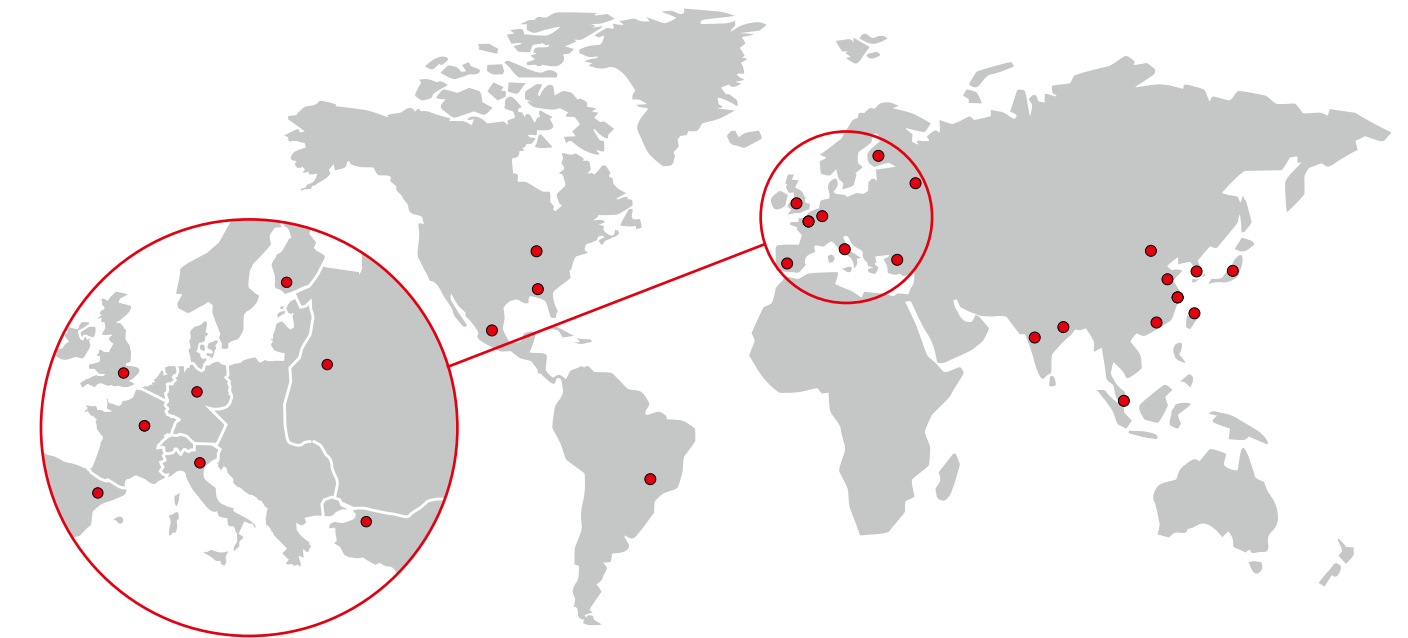
**ISRA**  
VISION

# 100% Quality Print Production

ISRA VISION's automated print inspection solutions are designed to help reaching your goals. Deliver 100% inspected print material, ensure maximum process efficiency and meet your customers quality requirements.



## Innovations in Optical Print Inspection



We are the innovators in optical inspection. Best practice. Best system. Best service.

For over three decades, ISRA VISION has become a leading manufacturer of highly accurate automated optical quality inspection systems.

More than 10,000 successful applications reference our sustainable experience in the field of machine vision products – and our ability to innovate.

Today our products are operating worldwide in such industries as glass, plastics, foils, print and automation. It is our goal to set system standards for total process control in these industries.

Customers choose ISRA for the ability to develop products consistently to their requirements. More than 900 employees at 25 locations worldwide are working to contribute to your success.

Your global partner for surface inspection.

We offer our experience and a highly qualified team of experts to design and implement solutions for advanced applications.

We assure that our mission continues beyond our shipping dock. Just challenge our Customer Support and Service Center (CSSC).

We guarantee excellence to our customers – from consulting to service, from tailored solutions to worldwide support. We can make your business more competitive.

Challenge Us. Inspect to Control – with ISRA VISION

### ISRA VISION

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Optimize your ROI with the technology leader **ISRA**  
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# Be Always in Control of Your Flexible Packaging Production

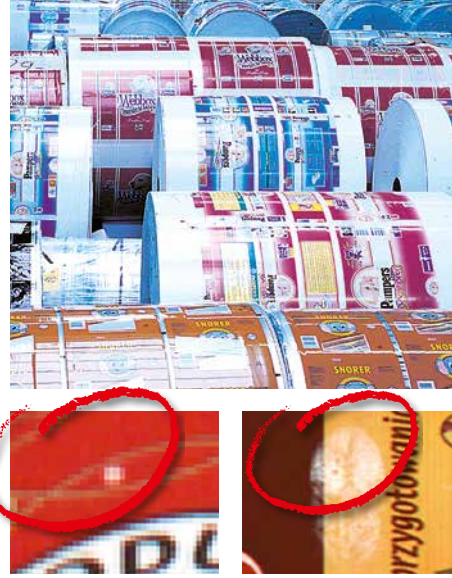
## Maximize Your Production Efficiency with Inspection Solutions

### Be Prepared for the Growing Demands of Your Customers

The demands of global brands and retail chains are constantly changing to higher quality requirements, lower prices, smaller print jobs and in total shorter delivery times. The most important requirement is to ensure a constant, high quality print. The pressure for flexible packaging printers to be compliant with high quality standards and to maximize their output as well as the current pace of consolidation and globalization are continuously increasing. The growing competition in the Flexible Packaging market makes 100% inspection a competitive advantage.

#### Benefits of using inspection systems

- Increase process confidence
- Reduce material consumption
- Decrease waste
- Increase output
- Reduce make ready time for optimized machine utilization
- Continuously improve process and customer satisfaction
- Stream-line your print line process and utilization
- Win new customers, applications and business



### PrintSTAR

#### 100% Quality Control Through the Entire Production Process

PrintSTAR is the market proven inspection solution for all printed materials (e.g. printed films, paper, security paper, foils or laminated webs). With a single solution customers can optimize their printing processes as well as their inline processing.

#### Application

- Printing presses ++ Lamination machines ++ Slitter / Rewinder

#### Benefits at a glance

- Reduce material consumption with early and reliable identification of systematic defects; early warning enables the operator to counteract the problem
- Detect Hazing on the entire web
- Worry only about relevant defects due to best in class defect classification – no more false alarms
- Ensure that the right job is printed with PDF verification
- Continuously improve production processes using advanced reporting tools



### ColorSTAR

#### Printing Perfection with 100% Inline Color Control

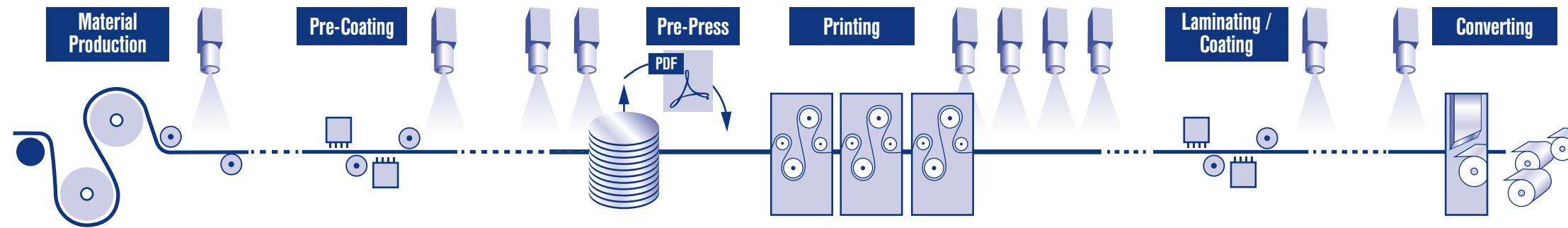
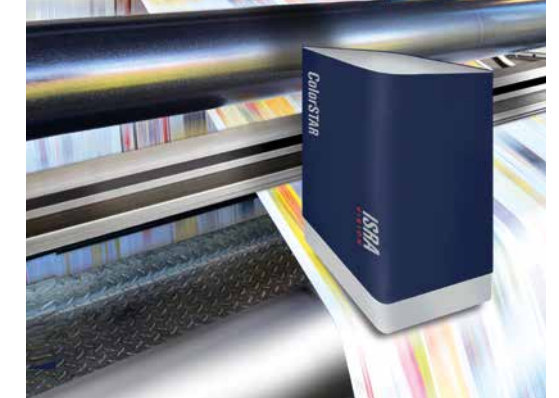
ColorSTAR is a revolutionary approach to inline color measurement in Labels and NarrowWeb applications. It provides absolute color measurements at any place at any time on the web. Guarantee color consistency all along your print job according to the specification of the brand owners. This innovative tool allows the operator to hit the target color every time.

#### Application

- Printing presses

#### Benefits at a glance

- Save make-ready time and decrease waste; perfect control of color from the start
- Print to numbers
- Provide the right navigation tool to enable your operator to achieve the best color faster
- Win new business by using inline color measurement including well-documented color consistency



### Inspection of All Substrates to Maximize Yield

ISRAs market leading surface inspection system is optimized to inspect unprinted web materials with the expertise of hundreds of successful installations worldwide:

- Blown film and cast film production
- Extrusion coating applications
- Alufoil coating applications
- Final control of high-end packaging foils on rewinder

#### Benefits at a glance

- Clearly separate between defects and tolerable deviations with QuickTeach classifier
- Qualify your production for high-end applications like pharma foil and label material
- Detect machine malfunctions at early stage; decrease waste
- Save time and optimize machine resources by using only good material in printing



### ViewSTAR

#### Maximize Your Production with 100% Process Control

ViewSTAR is the tool to show high-resolution images for the operator during make-ready for registration issues. During print production ViewSTAR is used to look continuously on prominent areas of the decor. High-res images can be saved within the database and can be used for quality assurance and process optimization.

#### Application

- Printing presses

#### Benefits at a glance

- Instant register support with the fastest full repeat scan
- Perfect image quality for more efficient operation
- Reduced efforts and costs for maintenance due to modern system design
- Continuous process improvement for increasing machine utilization



### EPROMI

#### Make the Correct and Most Efficient Decision for Quality and Production

In order to be able to make sound economic decisions, management - from the production level to corporate headquarters - depends on reliable analysis. This is where ISRA's intelligent yield management software provides an optimum level of support. It processes terabytes of aggregated inspection data to enable quick decision-making.

#### Benefits at a glance

- Combine data from all steps of workflow to better understand production
- Analyze production data to support decision making
- Get more leverage in decisions
- Optimize production efficiency and quality

