

# Press release

BST innovation at drupa 2024: Additional module for automated register setting

## **SMARTRegister Pro: Minimum set-up time, maximum print quality**

**Bielefeld, May 2024 - Greater sustainability, higher efficiency and maximum conservation of resources: in order to meet the increased demands of the printing industry, digital and automated solutions are required for long-term process optimization and the reduction of material waste. BST GmbH is responding to this need with innovative solutions that support customers in making work steps more economical, minimizing errors in the printing process and thus reducing overall system costs. One of BST's latest digital tools is the SMARTRegister Pro add-on module: the software function is available for the BST iPQ-View and PROView web inspection systems and enables highly automated register setting based on microdots.**

Precise register setting is crucial to achieve a perfect print image without typical register errors such as blurring or color shifts. Normally, this step is carried out manually at the beginning of the printing process for each printing unit and each ink. The new SMARTRegister Pro add-on module from BST relieves manufacturers of the need for manual presetting: The camera-based solution works on the basis of microdots, small colored dots in the corresponding printing unit color. The microdots are automatically captured at the start of production and placed on top of each other. This state-of-the-art technology saves both working time and material. The software function available for the iPQ-View and PROView video web inspection systems enables manufacturers to achieve far more sustainable, resource-saving and process-optimized production.

**More detailed information will be available at the BST stand during drupa: Hall 10, Stand C21. Trade show visitors are cordially invited to convince themselves live of the many advantages of BST innovations. The BST team is looking forward to many interesting discussions.**

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## **About BST**

BST GmbH, an elexis Group company, is one of the leading suppliers of quality assurance systems for web processing industries. The Bielefeld-based company offers solutions for web guiding, surface inspection, web monitoring, 100% inspection, color measurement, color management, register control and automation. The company has decades of practical expertise in these areas, with installations at more than 15,000 customers worldwide in the printing and packaging, paper and film, rubber and tire, battery and fuel cell, and printed and organic electronics industries. BST stands for high-quality quality monitoring, smooth production processes and first-class service worldwide.

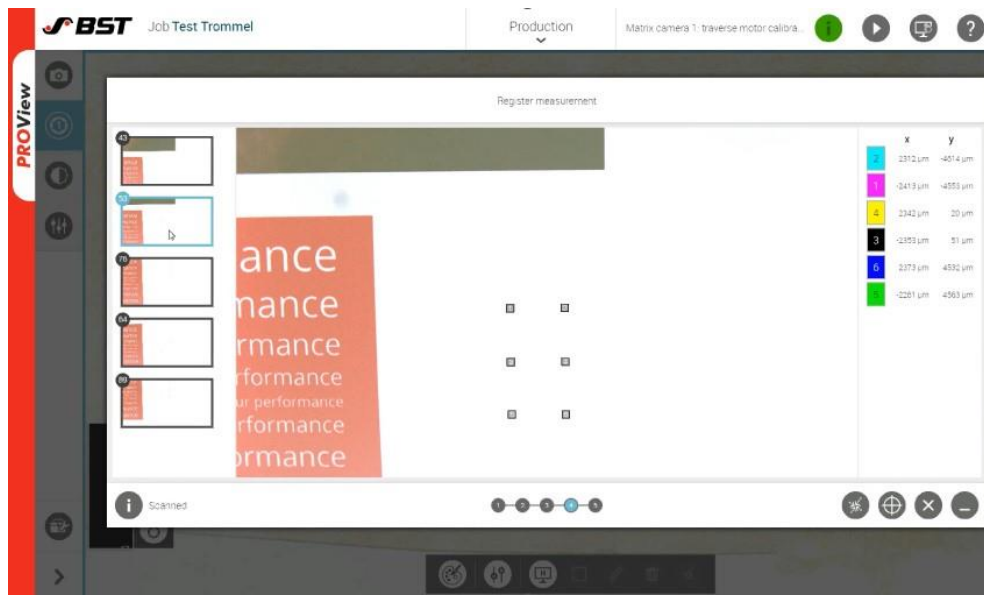
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## Images and captions:



(Image: BST\_SMARTRegister Pro)

Shorter makeready times and reduced material waste thanks to digital solutions: The SMARTRegister Pro add-on module from BST enables automated register setting and thus effectively prevents typical printing errors - for an all-round sustainable and highly efficient printing process.

**picture: BST GmbH**

**downloadable under: [www.bst.elexis.group/news/drupa-2024](http://www.bst.elexis.group/news/drupa-2024)**