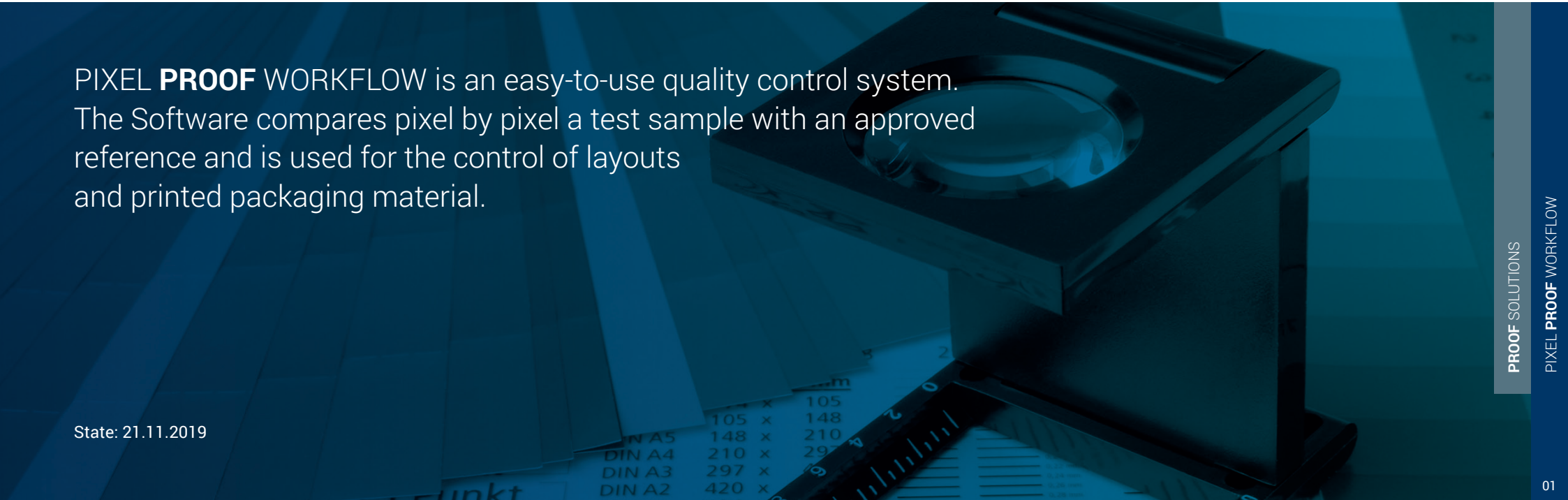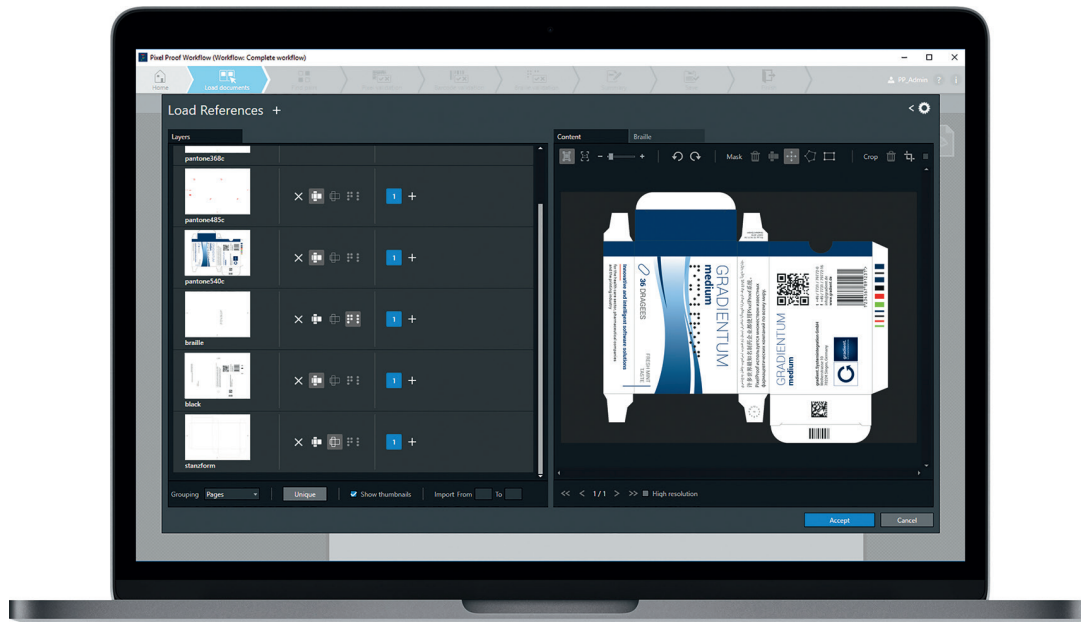# PIXEL **PROOF**

WORKFLOW

PIXEL **PROOF** WORKFLOW is an easy-to-use quality control system.
The Software compares pixel by pixel a test sample with an approved
reference and is used for the control of layouts
and printed packaging material.

State: 21.11.2019

01

Safety and convenience

- Pixel Proof Workflow is a process-driven inspection and proofing system based on a standard workflow engine. Build your own workflows to automate manual tasks.
Create individual processes to eliminate errors and improve efficiency.
- The system leads the user through the entire process step-by-step, which eliminates the risk of skipping a stage. Due to authorized access, changes on procedures and settings are restricted to trained administrators.
- Traceability and security: Record and save all system and project steps in the Audit Trail with digital signature on all data. The digital signature links electronic information with the associated data to ensure their integrity and to identify the signer or signature creator.
- The batch validation allows automated search and summarizing of similar deviations and saves a lot of time compared to the conventional inspection.

Technological level

- Significant increase in performance due to multiprocessing and multicomputing.
- State-of-the-art, new user interface — leads users through the inspection workflow, avoids routine mistakes and provides more effective quality control process validation.
- Newly developed powerful comparison engine, e.g. based on edge comparison, which allows deviations to be detected in low contrast and colour-independent areas.

Types of applications

- Folding boxes
- Leaflets
- Labels
- Tubes
- Foils
- Booklets
- Artwork
- Multiple printed panels
- Impositions

Features

- Workflow based software (process-driven)
- High performance due to multiprocessing and multi computing
- Multipage document against multi-scan
- Integration with document management systems via plugins
- Integration into different Workflow systems
- Innovative customizable reports
- Batch validation
- Multiple error processing

Function

- Graphic, text and colour check
- Barcode and 2D Codes analysis
- Braille Content and height analysis
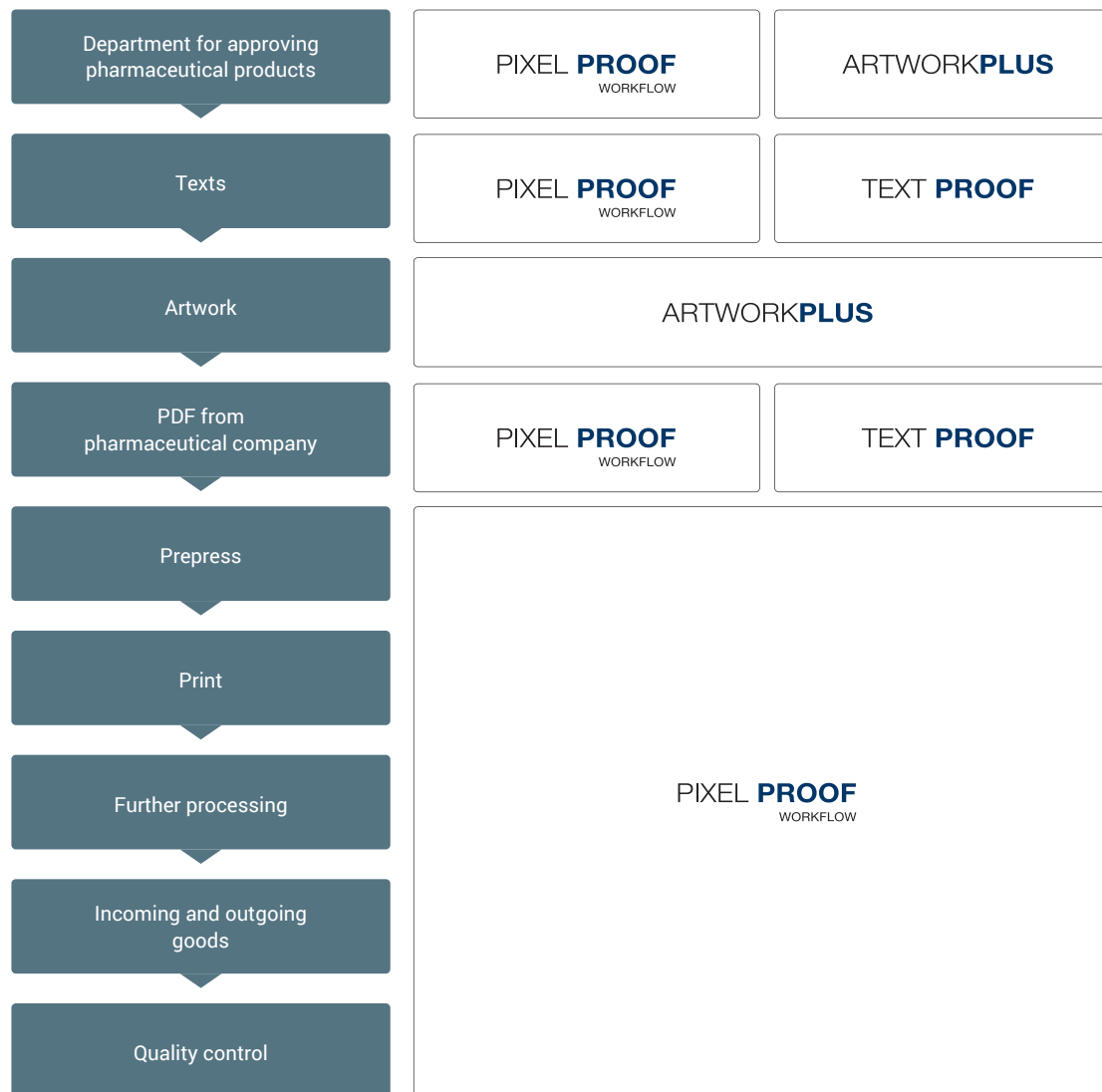- Colour check with Spectrometers

Validation

Pixel Proof Workflow has been developed and validated in accordance with GAMP 5.
Pixel Proof Workflow meets FDA 21 CFR Part 11 and Data Integrity requirements.

All editions overview

Edition/Function	Reviewer	Prepress	Artwork	Print	Full
Project management	●	●		●	●
User management	●	●	●	●	●
Artwork inspection (file to file)		●	●	●	●
Print inspection (file to scan)				●	●
Barcode verification		●	●	●	●
Barcode inspection				●	●
Braille verification		●	●	●	●
Braille inspection (DotScan)					●
Colour inspection (spectrometer)					●
Automated workflows		●	●	●	●
Workflow divided					●
Import and export plug-in	●				●
Report	●	●	●	●	●
Text Proof			●		

GRADIENT PRODUCT FAMILY IN THE PRODUCTION PROCESS

Production process scheme

Production process	Proof solutions	
Department for approving pharmaceutical products	PIXEL **PROOF** WORKFLOW	ARTWORK**PLUS**
Texts	PIXEL **PROOF** WORKFLOW	TEXT **PROOF**
Artwork	ARTWORK**PLUS**	
PDF from pharmaceutical company	PIXEL **PROOF** WORKFLOW	TEXT **PROOF**
Prepress	PIXEL **PROOF** WORKFLOW	
Print		
Further processing		
Incoming and outgoing goods		
Quality control		

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