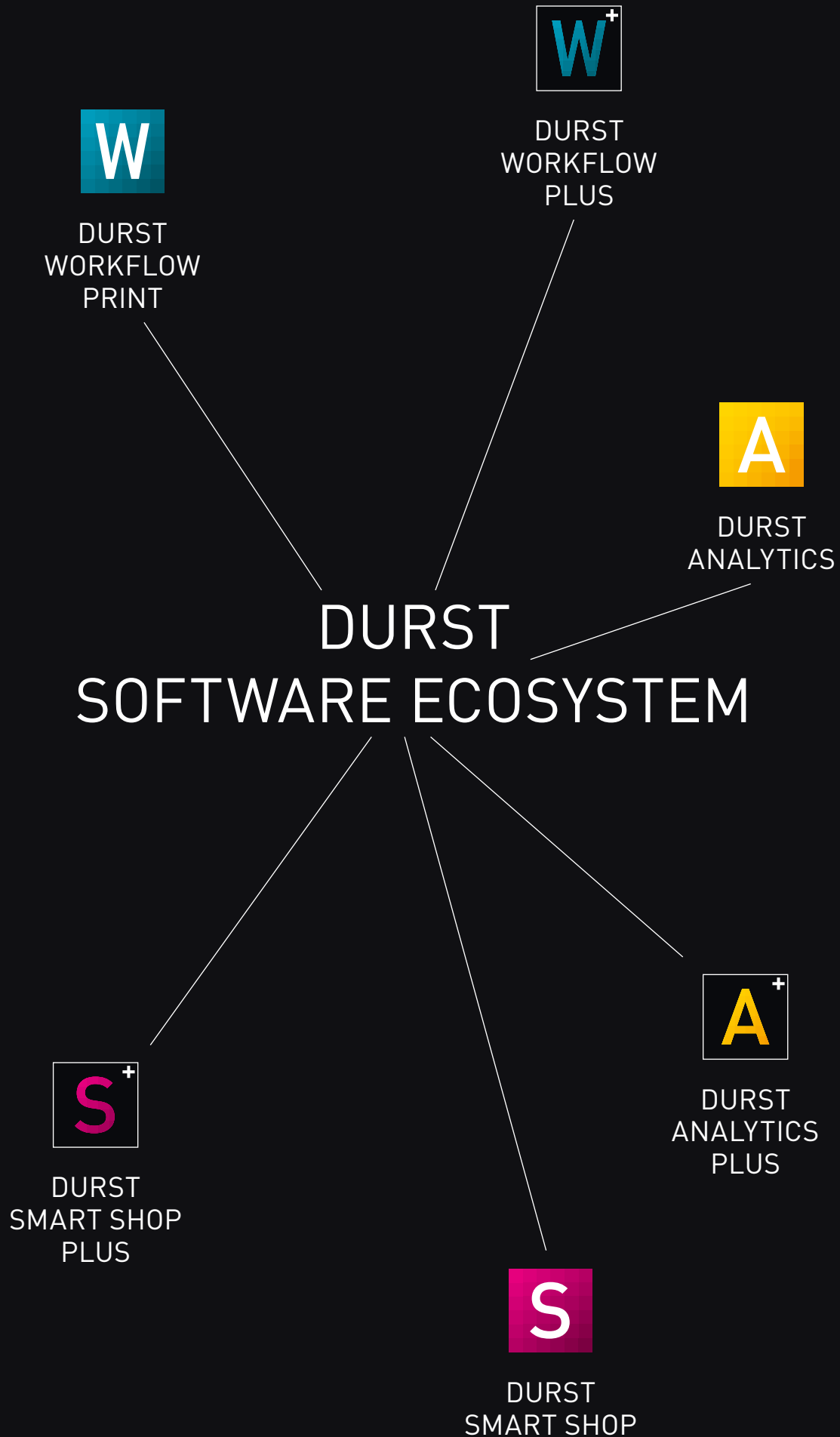




DURST SOFTWARE
ECOSYSTEM





DURST SOFTWARE — THE COMPLETE AND OPTIMIZED SOLUTION FROM FILE CREATION TO PRINT DATA ANALYSIS: 'FROM PIXEL TO OUTPUT'

Durst Professional Services offers intelligent and simple software solutions to optimize the process 'From Pixel to Output'. The solutions which are specially tailored to digital printing – from initial file creation through prepress to production and final analysis – help our customers improve their printing and simplify their business. Consulting and training services tailored to different target groups help to achieve an optimized work process.

The Durst software is modular and can be flexibly adapted to the needs of the customer – from a simple stand-alone solution to a fully integrated system.

All three products are individually expandable and can be used for label, corrugated, textile and large format printing.

DURST
SMART SHOP



Page 5

DURST
WORKFLOW



Page 13

DURST
ANALYTICS



Page 19

Additional information is available at
durst-group.com/dps

S

S⁺

DURST SMART SHOP

The ideal solution for customizable products and optimized digital business processes.

The Durst Smart Shop is an innovative online shop system for the complete processing of print orders and the sale of products and services.

Our shop solution can be operated either as Open Shop (B2C), Closed Shop (B2B portal) or as a hybrid solution. In addition to the free online design of the products, various templates can also be offered which can be personalized by inserting an own text or logo. The print data can either be automatically transferred directly to production or displayed and checked beforehand using the upload function. This allows flexible and efficient responses to different customer needs.

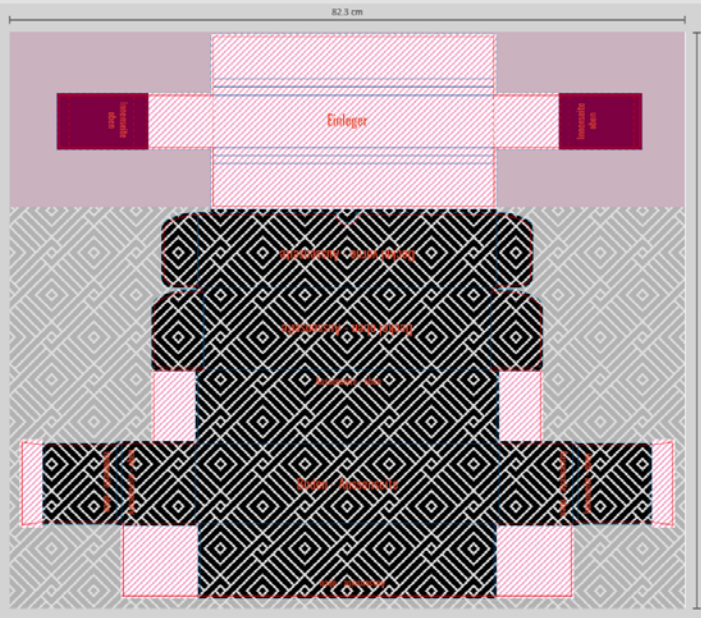
DURST SMART SHOP

The Durst Smart Shop has all the essential functions of a web shop, enhanced by advanced calculations, realistic 3D previews and the use of print-specific attributes in the product configuration.

DURST SMART SHOP PLUS

The web shop can be expanded with an innovative graphical online editor. With the Durst Smart Editor, individualized products can be designed directly in the browser and visualized in real time.

- > New customer acquisition
- > Increased conversion rate
- > Interaction with customers via a web platform
- > Customer loyalty by means of tailor-made B2B portal
- > Seamless integration into the Durst Workflow or the customer's own production environment



durst Privacy Imprint Terms of Service

Total Quantity - 1 +

price 17.31€ plus 19.00% Tax plus Shipping

Add to cart

Image options

Edit
 Layer up Layer down Copy Delete

Rotate and mirror
 Relation 0.0

Scale
 Full width Full height

Full size

Replace image

Curtain + 100%



durst

1 pcs.

Price €79.00 incl. images excl. 19.00% Tax excl. Shipping

Preview

Image options

Edit
 Delete

Clipart Colors
 [Color selection icons]

Beer can + 100%



durst

Quantity - 1 +

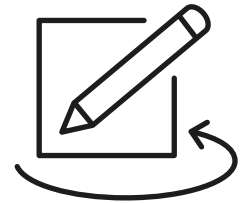
Price €0.66 excl. 0.00% Tax excl. Shipping

Preview

DURST SMART SHOP HIGHLIGHTS

DURST SMART EDITOR

The Durst Smart Editor is an innovative graphical online solution that enables customers to create browser-based print templates. The desired product can be designed quickly and easily and viewed directly online.



DURST SMART APP

Using augmented reality (AR), the product designed in the editor can be shown in the Smart App directly at the user's location and viewed in their own environment. Even before it has been ordered.



IMPROVED CUSTOMER SERVICE

With the Durst Smart Shop, 24/7 availability can be guaranteed. Interested parties can find out about the offer around the clock and access current information such as delivery times, stock quantities and much more.

24/7

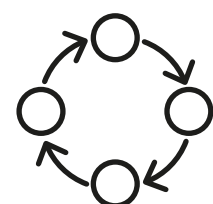
INCREASED SALES AND EFFICIENCY

Thanks to the unlimited accessibility of the online shop and the personalized offer, different customer groups can be addressed and new orders can be generated. Automated processes in the background also enable faster processes, resulting in increased efficiency.



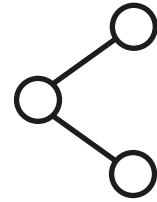
OPTIMIZED VALUE CHAIN

Simplified access to products for customers supports the optimization of the entire value chain, such as through optimized order processes or simplified incoming orders.



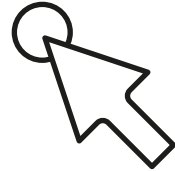
IMPROVED COMMUNICATION

We focus on the visual conveyance of individualized graphic content, variable sizes and forms. In this regard, the shop serves as a platform for simple and clear communication with customers.



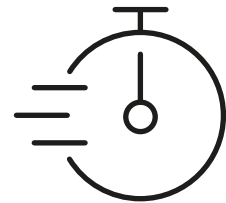
MAXIMIZE CONVERSION RATE

Integrated online marketing analysis and control tools help to increase the conversion rate.



SHORTER RESPONSE TIMES

Due to the simplified administration in the backend, changes can be made to the online shop and the products at any time. This allows users to respond quickly to current market trends and to adapt their offer accordingly.



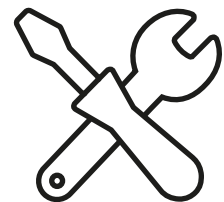
GATEWAY TO DIGITAL PRODUCTION

Thanks to the integration option in the Durst Workflow or in the customer's own production environment, the Durst Smart Shop and the Durst Smart Editor enable the user to enter the world of digital production. We are happy to support our customers with our many years of experience.



360° SERVICE

We assist our customers from the conception of the online offer through the design adaptation to the live launch of the online shop. We are also an expert partner in the field of online marketing and will be glad to support the online shop at any time.



TARGET GROUP SPECIFIC APPROACH

Our solution offers the possibility to define different markets and customer groups and to address them in a targeted manner.



Image options [Close]

New [Icon] Edit [Icon] Delete [Icon]

Product [Icon]

Add Text [Icon]

Picture [Icon]

Shapes [Icon]

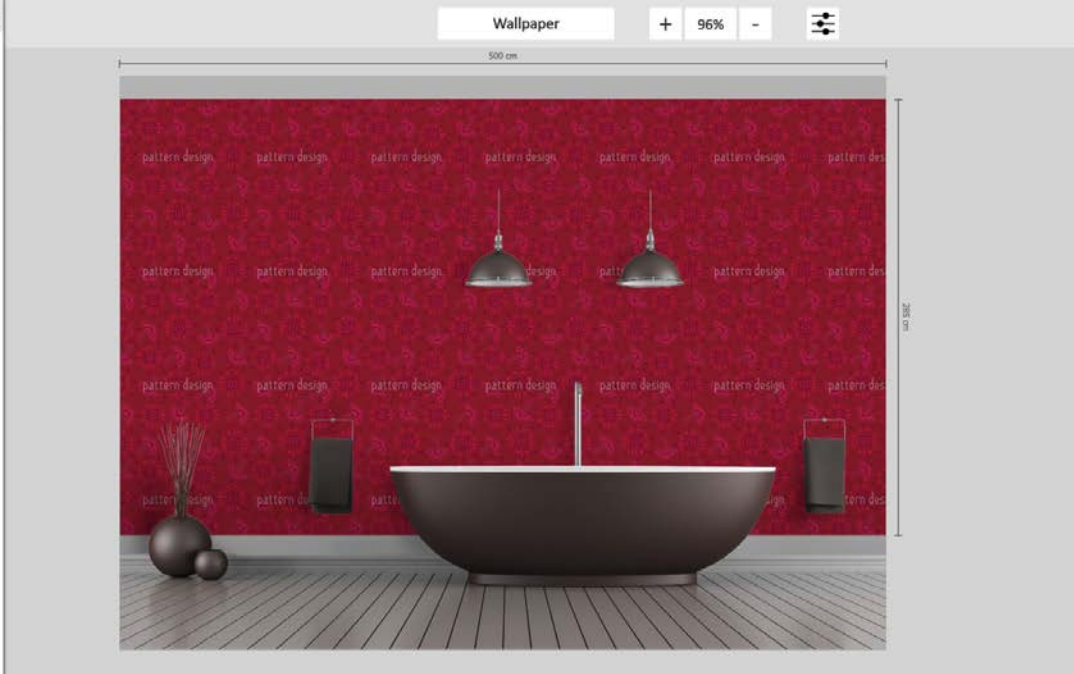
Background [Icon]

Undo [Icon] Redo [Icon] Save [Icon] Exit [Icon]

Clipart Colors

[Color Swatches]

Zoom In [Icon] Zoom out [Icon]



durst

Text-Options [Close]

Edit [Icon] Layer up [Icon] Layer down [Icon] Copy [Icon] Delete [Icon]

Font: [Text Field: arial]

Text: [Text Field: Brandname]

Font Size: [Text Field: 120pt] Line spacing: [Text Field: 1.2]

Alignment: [Left] [Center] [Right]

Font Color: [Color Picker]

Rotate and mirror [Icon] [Icon]

Rotation: [Text Field: 0.0]

Quantity - 1 + Price €239.40 excl. 19.00% Tax excl. Shipping Preview

Shampoo Label on Tube + 100% - [Icons]

Preview

durst

Image options [Close]

New [Icon] Edit [Icon] Layer up [Icon] Layer down [Icon] Copy [Icon] Delete [Icon]

Product [Icon]

Add Text [Icon]

Picture [Icon]

Shape [Icon]

Background [Icon]

Undo [Icon] Redo [Icon] Save [Icon]

Clipart Colors

[Color Swatches]

Rotate and mirror [Icon] [Icon]

Scale [Icon] [Icon]

Full size: off on

Position X: [Text Field: 16.40] Y: [Text Field: 43.14] W: [Text Field: 36.00]

1000 pcs. Price €270.00 excl. 19.00% Tax excl. Shipping Preview

T-Shirt Logo + 100% - [Icons]

Preview

durst








1 pcs. Price €16.96 incl. Images excl. 19.00% Tax excl. Shipping Preview





DURST SMART SHOP



Smart Shop software license	<p>Based on a CMS system in responsive design CMS web pages Shop administration Data upload management Communication with existing systems</p>	■	■
Multi-shop license	<p>Administration of several shops Administration via one backend Shops can differ in product offering, design, URL, etc.</p>	■	■
Product pricing	<p>Advanced product pricing with complex attributes Scaled prices Square meter calculation Image source calculation Discounts Just-in-time pricing Just-in-time quotation creation Price structure table</p>	■	■
Upload	<p>Direct upload of finished print data Supports files from all graphics software</p>	■	■
Shop administration	<p>General shop settings Customers Customer groups Tax rates Order status Methods of shipment Methods of payment Different price modes for different countries Different price modes depending on weight Multi-language</p>	■	■
Product management	<p>Definition of products and their attributes Product management Category management Unlimited number of products and categories Text, downloads, image and video data can be defined for each product Attributes (e.g. size selection, colors) can be defined for each product Tax rate management Product-dependent delivery times Inventory</p>	■	■
Communication	<p>Tool for internal and external communication Create projects Upload files File management Comments Approvals Automatic email notification Task assignment</p>	■	■
Customer account	<p>Different settings for customer accounts User account administration by shop customers Billing and delivery addresses Order history (repeat orders are possible) Display of current order status Wish list</p>	■	■
Customer service	<p>Service for final consumers Purchase possible without registration (guest order) Product reviews Testimonials Vouchers, discounts for selected customers</p>	■	■
Order processing	<p>Complete commercial processing of orders Billing Organization of payment processes Overview of current status Simplified repeat ordering</p>	■	■
Order management	<p>General settings for order management Automatically generated order confirmation for customers and shop operators Invoice sent as PDF file with customized letterhead Quotation in PDF format Automatic routing of order by email to the supplier Order tracking (paid, submitted, in progress, being printed, completed, shipped) Import & export as CSV/XML Repeat orders</p>	■	■
Courier service provider API	<p>APIs to various courier service providers DHL Parcel DHL Express UPS Other courier service providers</p>	■	■
Methods of payment	<p>Specification of payment methods for end customers Invoice PayPal Advance payment Sofortüberweisung Credit card</p>	■	■
Shipping costs	<p>Calculation and display of shipping costs Shipping costs based on weight Shipping costs based on user group</p>	■	■
Content pages	<p>Application for designing content pages Ready-made template designs Integrated editor Drag & drop system Finished sections</p>	■	■



Durst Integrate	Durst Workflow interface Exports all print and order data to Durst Workflow Synchronizes production status	■	■
Smart Editor	Comprehensive design tool for print products Upload images and data Image archive External image database Quality index for pixel images Cliparts Pattern design Background color selection Configurable toolbar		■
Preview	Various preview options 3D preview Real image technology (mock-up function) Augmented reality (Smart App)		■
Textile module	Editor module for different types of textiles Design tool Fixed and variable sizes Large selection of editors		
Packaging module	Editor module for packaging Tool for inside and outside pages Template technology Fixed and variable sizes Selection of print medium/material thickness		
Integrated standards	Packaging standards according to ECMA and FEFCO catalogs Creation of diecuts in the editor Variable sizes Download in PDF format 3D models		
Animated preview	Animated 3D preview for packaging Interior and exterior view Animated preview with individual design Assembly instructions		
LFP module	Editor module for all types of LFP products Design tool Template technology Fixed and variable sizes Special attributes such as grommets marking, pocket sleeves, colored borders, ambience images Large selection of editors		
Label module	Editor module for online label design and visual control Design tool Template technology Data upload Product versioning Visual control Price calculation based on an Excel file		
Label configurator	Professional label configurator Calculation and retrieval of label orders for professional label production roll-to-roll Customer-specific settings		

-  included in Smart Shop Plus Textile
-  included in Smart Shop Plus Corrugated
-  included in Smart Shop Plus Label
-  included in Smart Shop Plus Large Format

W

W+

DURST WORKFLOW

The ideal complete solution for prepress and production processes.

Durst Workflow is a browser-based solution for prepress and print production that enables an efficient and lean process with optimal results.

The Workflow system is optimized for Durst printer series and enables seamless production. All processes, from data management and print data preparation to the output to the printer and reporting, are covered. Access to the software is browser-based and can also be managed from mobile devices without additional installations.

With its two modules Durst Workflow and Durst Workflow Plus, the Durst Workflow system offers a complete solution for variable data printing, ink cost calculations, digital color management system and job management.

DURST WORKFLOW

Simple data management combined with proven color management and ripping technologies takes productivity to a new level.

DURST WORKFLOW PLUS

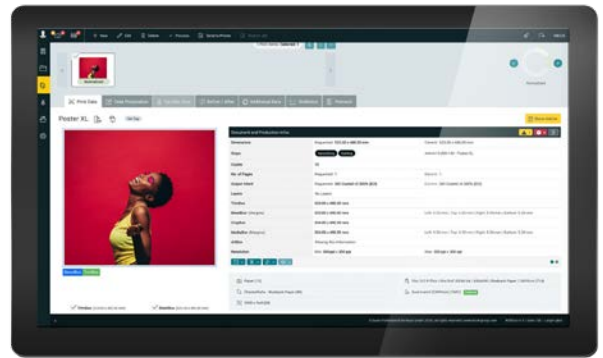
An extension with the prepress module enables fast and flexible data preparation. The individual correction function, an innovative toolbox for color matching and the integration into the customer's own ERP/MIS system also ensure process optimization and automation.

- > User-friendly interface
- > Simple data management
- > Color matching toolbox for accurate and consistent colors
- > Highest print quality thanks to state-of-the-art core technologies, based on global graphics, callas software and color logic
- > Integration and synchronization of the data into the customer's own IT environment
- > Integrated Harlequin RIP for parallel ripping of multiple production orders

DURST WORKFLOW HIGHLIGHTS

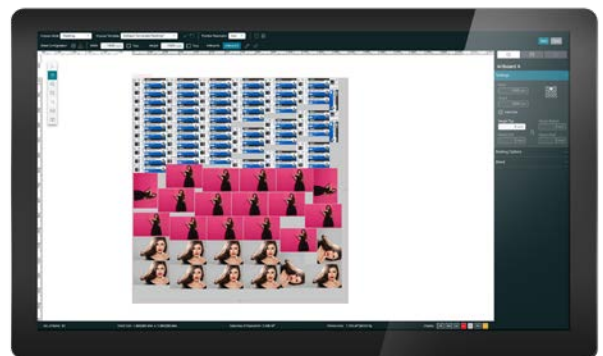
PREFLIGHT

After uploading, the preflight checks the print data for errors or critical production problems. Warnings and errors are displayed clearly to the user in the workflow. In addition, it is possible to add customer-specific factors to the profile.



ASSEMBLY (IMPOSING)

In order to follow the production process and to minimize any material loss, the assembly has to be performed optimally. Depending on the process, different procedures can be selected: Manual, Step & Repeat, Nesting or Tiling. Assembly can take place directly in the browser, and user-defined templates can also be created and saved.



INK CONSUMPTION OPTIMIZATION

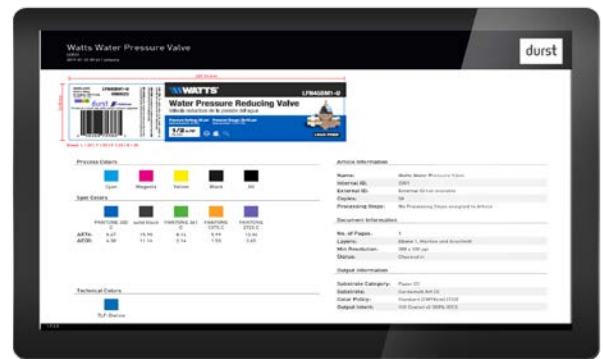
Sophisticated options are available to optimize ink consumption or to control the black generation and gray axis that can be used for profile calculation. Multiple profiles for one set of measurement data can be created to help reduce ink consumption by up to 20%.



DURST WORKFLOW PLUS HIGHLIGHTS

APPROVAL REPORT

The user can create an approval report and send it to the customer or use it internally in the company. The report is based on an InDesign template, allowing the users to design their own layout as well as to define information which is to be displayed. In this way, both customer-specific reports as well as ink consumption reports can be created and managed.



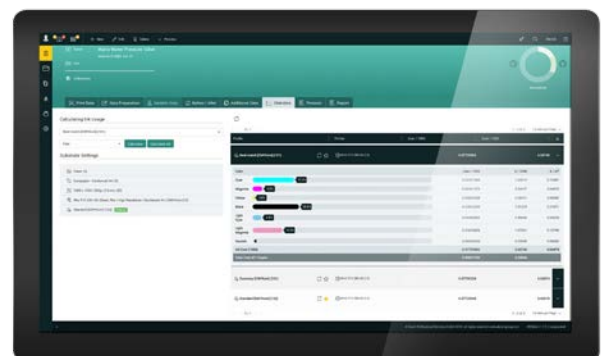
DATA PREPARATION

Users can edit all print data in the browser without any additional software – and with more than 100 correction options. As a result, all important work steps can be performed: changing sizes, creating dies, adding additional bleeds as well as white or varnish forms and processing spot colors. Individual, special correction options can also be created and uploaded at any time.



INK COST CALCULATION

Once the print data has been uploaded, a complete check and standardization of the data – which can be configured by the user – is performed. A calculation of the ink consumption for the print file is also done. This makes it possible to calculate immediately whether CMYK production or the use of additional process colors like orange, violet or green. The ink price is therefore visible immediately.



DURST WORKFLOW



Color management	<p>Profiling, adaptation of the ink application to printer and material in order to output an image true to color Pre-Linearization Linearization Ink limit Profiling Reprofileing Profiling templates</p>		
Color matching	<p>Color customization of a template or customer request without changing the profile or the original file Manually Measuring</p>		
Color corrections	<p>Application of additional color corrections for output Adapt color during output Image and curve-based Substrate specific Job specific</p>		
User management	<p>User administration to control access and viewing rights User Roles</p>		
Filter and search	<p>Criteria-based filtering and searching of content/lists Customized filter for listings</p>		
Hotfolder	<p>The starting point for automated uploads, print data preparation (fixups) and output Supported fileformats: PDF, AI, JPG, TIF Support for imposition Color correction</p>		
Production job	<p>Print preparation with impose and colorimetric output Create Force print Impose Send to printer</p>		
Preflight	<p>Automated analysis of print data with reports (warning and error) Print item view Highlight errors</p>		
Print statistic	<p>Information for the printed production job Square meter Quantity Time Operator Ink consumption</p>		
Impose	<p>The creation of assemblies of single-varieties and mixed forms Manual Step and Repeat Nesting Tiling</p>		
Status	<p>Manual and automated tracking of processing steps and production status Production job Article Order Print item Production job</p>		
Customer	<p>Store company and customer information General data Contacts Addresses Orders</p>		
Article	<p>Flexible and extended print data storage for managing products, projects and customer data Collection Process steps Tagging Lock Set as unavailable</p>		
Order	<p>Management of print data in customer orders Managing order Order item Print item and additional data Digital job folder</p>		
Data preparation	<p>Segment-specific corrections for print data preparation 100 fixups Segment specific pre-defined sets Configurable upload Customized fixups Apply to single print item Apply to multiple items</p>		
Versioning	<p>Print data version control for tracking and recovery Store of data preparation versions Revision tracking</p>		
Color matching	<p>Color matching to a template or customer request without changing the profile or source file Material allocation Customer allocation</p>		
XML-Hotfolder	<p>The starting point for automated uploads, print data preparation (fixups) and output Support for XML: create production jobs based on XML</p>		



Report	Creation of personalized reports regarding print-relevant information Download PDF-report Approval report customizable Ink consumption report		■
Correct all	Apply corrections to multiple print data		■
Ink consumption	Print data based calculation of ink consumption starting with the upload Print item		■
Color matching toolbox	Creation of a color grid chart based on a chosen base color for visual comparison Creation Print Measure Creation of color books per material for color libraries and customer color definitions Creation color book Definition color books Print		■
Illustrator Plug-in	Extension to Adobe Illustrator for checking in and out of print data Create print item for the workflow Check-out and check-in print items directly from the workflow Define white Set trim and bleed		■
Multiple users	Multiple users can access and work with the workflow in parallel via their browser Up to 3 users can work in parallel		■
	Up to 5 users can work in parallel		■

ADD-ONS

HHR speed upgrade	Faster processing of multipage and VDP jobs Additional 8 threads (4 siblings 2 threads or 8 siblings and 1 thread)		■
Durst Integrate	Bidirectional integration between ERP/MIS and Durst Print Workflow Rest API or Comm. Server to integrate MIS/ERP/Web2Production		■
Extended multi user support	Additional users can work simultaneously with the workflow		■
Additional process color	Use of additional gamut-enhancing colors Color management support for additional process colors (O, V, G, Red, Blue, etc.) (not White)		■
Static barcode	Generation of barcodes optimized for digital printing in Adobe Illustrator Add a static barcode to a print item		■
Illustrator Plug-in for VDP	Create variable content within Adobe Illustrator Add VDP (barcode, serial number, text, images, colored shapes) based on rules or CSV		■

included in Workflow Corrugated

included in Workflow Label

included in Workflow Large Format

A

A⁺

DURST ANALYTICS

The browser-based solution to analyze the production performance and to monitor the printing systems.

DURST ANALYTICS

It contributes to make production results transparent. Users can view the most important print production data via a web browser. This allows users to keep an eye on their printing systems at all times as well as to monitor material, ink consumption and productivity at a glance.

- > Productivity and print job statistics
- > Daily updated production figures
- > Current status of the printing system
- > Monitoring of critical issues to prevent downtime
- > Monitoring of the availability of printing presses
- > Faster response times for troubleshooting and support requests



DURST ANALYTICS PLUS

Utilizing a server-based system to connect all printers equipped with Durst Analytics and to make the data available to production planning or ERP systems.

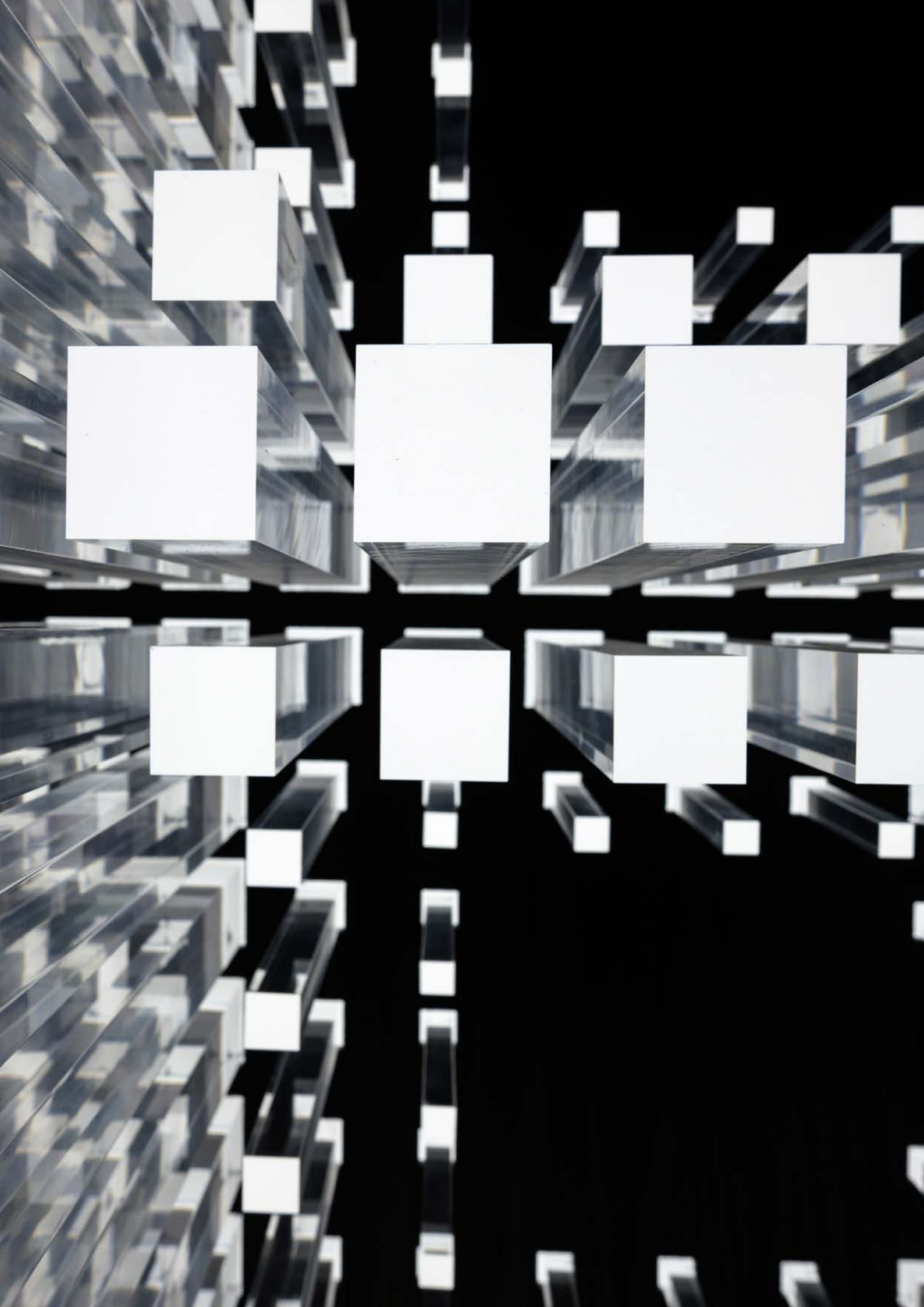
- > Management of several printing machines
- > Interface for the integration of Durst Analytics with the customer's own IT environment





Printer Status	Information about the current Printer Status Printing Standby Setup Breakdown		
Time Filter	Choose start- and end-point for shown Time period Today Yesterday This Week Current Month Last Week Last Month Last X day Time frame (max 365 days)		
Ink Levels	Visualize the current Ink Level for all available Inks in this specific Printer Batch No. Filling Date Expiration Date Barcode		
Workload	Summary of vital print statistics Printed Jobs Act. Queued Jobs Printed SQM Printing Time		
Printed SQM	Diagram showing the printed SQM on each day in the period chosen in Time Filter Date Square-meter		
Material Usage	Amount of used SQM per Material per Resolution Print Resolution Material Material dimension printed SQM		
Ink Usage	Cumulative Ink Usage in the chosen Time period Liter per each Color Channel		
Printer Jobs	Searchable List containing all processed Jobs Job ID State Title Resolution No. Prints Printed SQM Job End Job Category Start Time End Time Duration Resolution Printer No. Prints Job Status Width (mm) Length (mm) Printed SQM Material Material Width (mm) Material Length (mm) Print Passes Ink Usage		
KPIs	Most important key figures compared in a daily list Daily Statistics Time Filter Date Total Utilisation Ratio Technical Availability Printed Jobs Prints done Printed m ² Material Linear Meters Material m ² Printing Time Aggregated Statistics Address Productivity Workload		
Ink Batch Tracking	Shows all relevant Information to the Ink Batch Batch No. Filling Date Color Name Barcode Expiration Date		
CSV Export	Functionality to export the Printer Jobs CSV XLSX OpenDocument Spreadsheet		
Manage Multiple Printers	Collect / combine Print Statistics of multiple Printers Dashboard showing Time Filter Printer Status Workload Printed SQM Used Material per Resolution Ink Usage per Liter		
Integration ERP / MIS	Establish connection to and send Data to the ERP or MIS Comm. Server to integrate MIS / ERP		
Productivity	Visualize the productivity for the printer in a chosen time period Total Utilisation Ratio Technical Availability Breakdown Setup Printing Idle		

included in Analytics Label



CONSULTING, INTEGRATION & TRAINING

Target-group-specific consulting and training services for Durst software and hardware solutions.

CONSULTING

We offer our customers effective consulting for e-commerce, prepress, application and software products. Our qualified consultants and system integrators support our customers with their broad knowledge in order to find the best solutions:

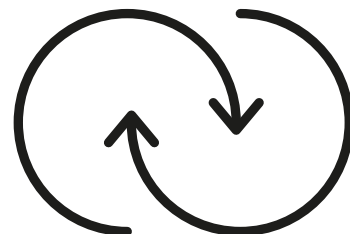
- > Automate prepress and print workflows and make them more efficient
- > Improve application results
- > Implement e-commerce solutions



INTEGRATION

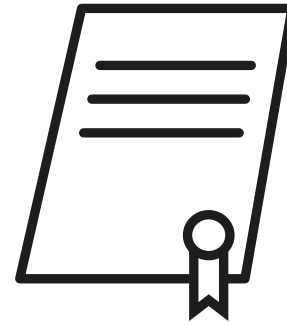
The seamless integration of the software into the customer's digital workflow enables the full potential of process automation and digitization to be exploited. Durst Professional Services supports all customers in integrating Durst software solutions into their IT environment:

- > Self service option: Durst Professional Services provides standardized definitions of the interfaces for the integration of the software products.
- > Full service option: An expert from Durst Professional Services takes over the implementation of the integration project.



TRAINING

In our training center, customers have the opportunity to take part in one of our target-group-oriented training courses. Alternatively, tailor-made training concepts can also be offered.



OPERATOR

- > Qualified operator
- > Printing process control

Training for machine operators to learn the general handling and maintenance of the printing system.

SHIFT SUPERVISOR

- > Printing performance
- > Maintenance
- > Production statistics

Training to deepen knowledge about production planning, including production, its processes, guidelines and schedules.

MAINTENANCE OPERATOR

- > Operator training
- > Preventive maintenance
- > Guided troubleshooting

Level 1

Training for maintenance operators to deepen their knowledge of the regular and preventive maintenance of machines for a flawless production as well as remotely guided first-aid troubleshooting.

MAINTENANCE ENGINEER

- > Basic printer operations
- > Preventive maintenance
- > Guided troubleshooting
- > Proper repair

Level 2

Training for maintenance technicians to deepen their knowledge of the regular and preventive maintenance of machines as well as troubleshooting to acquire advanced technical knowledge.

PRINT WORKFLOW PREPRESS

- > Printing performance
- > Effective workflow

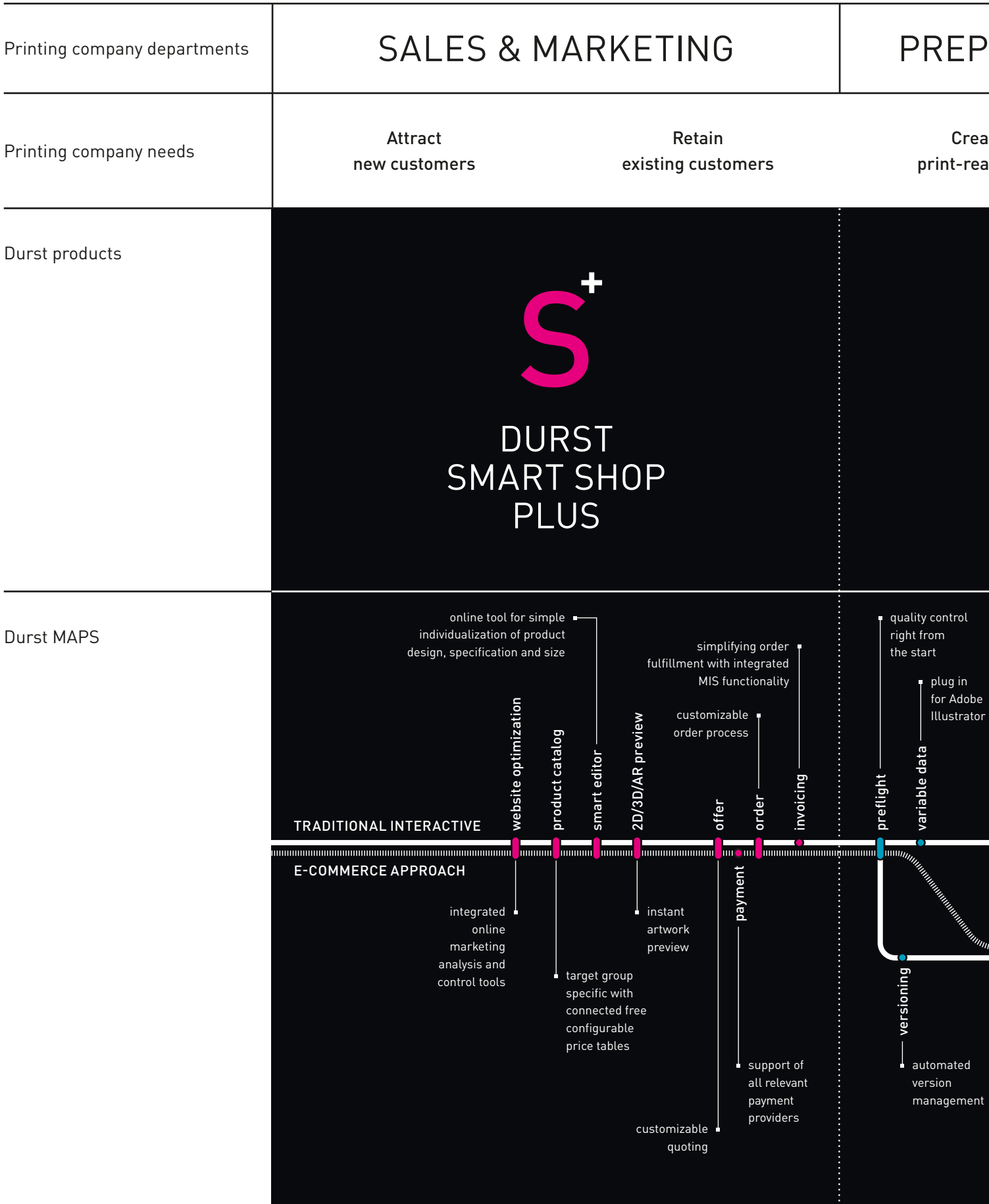
Training for Durst Workflow from prepress to final printing: theory and implementation of printer linearization, media profiling, determination of ink limits and color-management-specific settings.

SMART SHOP SPECIALIST

- > Web-shop administrator

Training in the area of web-shop design and its settings, product maintenance, shop administration and search engine optimization.

FROM PIXEL TO OUTPUT — A MODULAR



AND INTEGRATED ECOSYSTEM

RESS

PRODUCTION

te
dy files

Produce
production jobs

Print
with high performance

Analyze
production data

W⁺

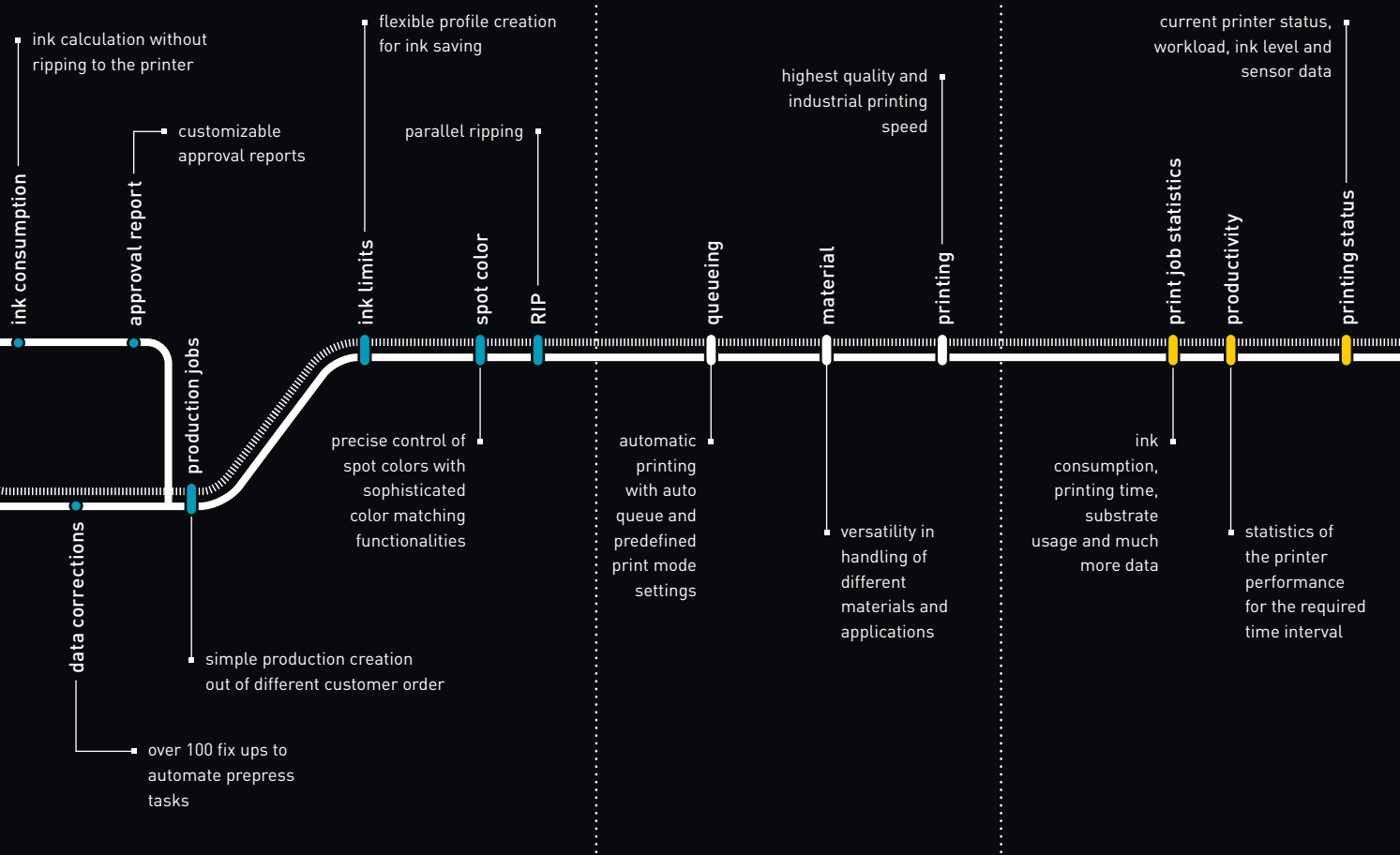
DURST
WORKFLOW
PLUS



DURST
PRINTING
SYSTEMS

A⁺

DURST
ANALYTICS
PLUS



Durst Phototechnik AG
Headquarters

Julius-Durst-Str. 4
39042 Brixen, Italy
P +39 0472 810111
info@durst-group.com
durst-group.com

Durst Professional
Services GmbH

Julius-Durst-Str. 4
39042 Brixen, Italy
P +39 0472 810333
dps@durst-group.com
durst-group.com

The latest technical developments are constantly being incorporated into Durst products. Descriptions, illustrations and specifications are therefore subject to change without notice. Images and graphic representations are protected by copyright.

Durst® is a Registered Trade Mark
Copyright Durst Phototechnik AG
EN | 12/2019

