

SIMULATE. ESTIMATE. CALCULATE.

PRISMAsimulate Ultra V1.2



PRISMA
simulate Ultra



DESIGNED TO PREDICT COST AND INCREASE EFFICIENCY

Print factories need to be able to quickly provide their sales team with detailed ink, media consumption, and additional cost factor estimates on request. This enables them to produce more accurate price quotations for potential customers, without having to print every file first.

To meet all customer demands in a challenging printing market, print factories face high pressure on operational flexibility, cost savings, and profitability.



Safeguard productivity

Print factories are eager to verify that the layout is correct, printability of application, and color composition of data before printing—What You See Is What You Print. This helps limit surprises in production!

Help reduce waste and save costs

Print managers also want to limit unnecessary proof prints in order to help reduce waste and save costs.

Proof new applications

To attract new business, print factories want to develop new applications without having to print them through trial and error, which takes up valuable printing time and incurs unnecessary costs.

PRISMAsimulate Ultra is a secure, easy-to-integrate, on-premises application, with two independent modules.

The **Universal PDF Estimator** is an ink and cost estimator that helps to prepare a more accurate quotation for prospective customers quickly, without having to print the file first.

For compatible web-fed presses, **Printer Simulation Packages** offer scalable layout proofing and production simulations for high-volume print production, designed to help save on costs, avoid wasteful test prints, and reduce job preparation time.

UNIVERSAL PDF ESTIMATOR

HELP SAVE COSTS WITH ACCURATE QUOTATIONS

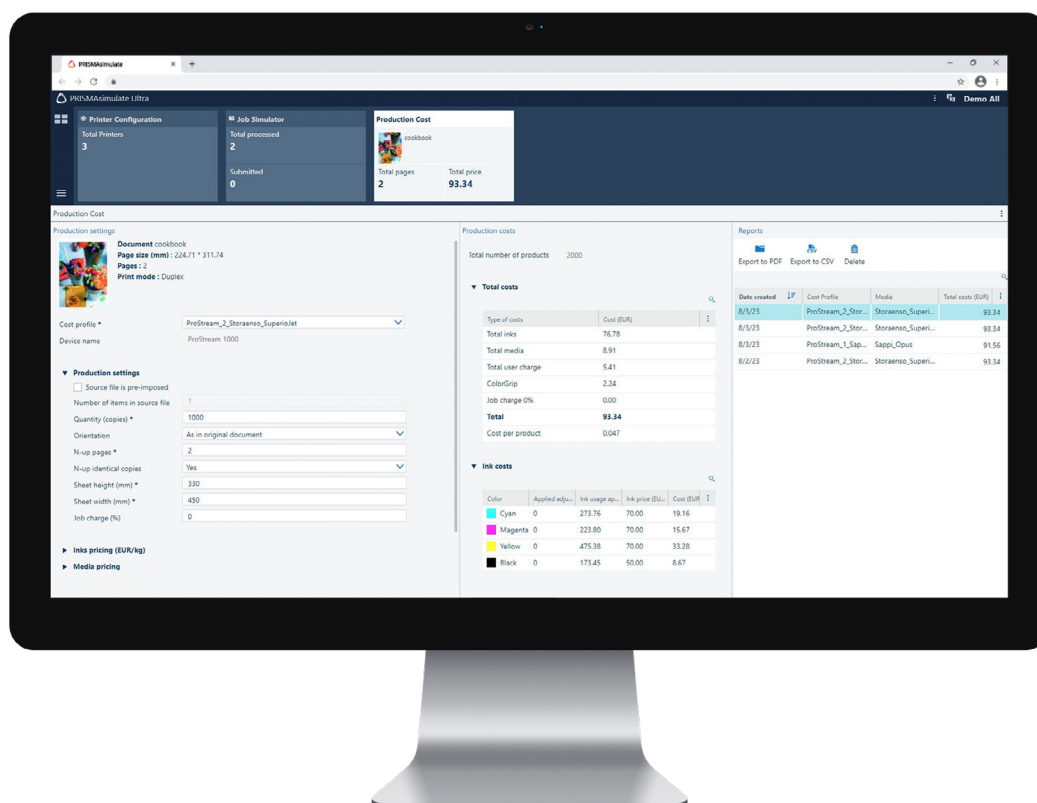
Every print application is unique. Universal PDF Estimator is the core of PRISMAsimulate Ultra. It enables you to estimate ink, media, and other cost factors, allowing sales teams to offer more detailed proposals without having to print first.

In-depth calculation

Universal PDF Estimator within PRISMAsimulate Ultra is a low-cost entry solution that helps production print environments prepare more detailed ink and cost quotations for prospective customers quickly, without having to print the file first.

It is designed to help users save time and reduce waste. It also supports the print factory's consolidation by offering one technology serving Canon compatible continuous feed inkjet presses.

- Detailed job cost estimation, including costs, consumption of ink, media, and user (click) and job charge.
- More in-depth ink estimation possible based on additional parameters; for example, changing contrast values on the fly.
- Compare the impact of different ink settings in clear, easy-to-read consumption estimation reports.





Work with dedicated setup

Every print device and media is unique in its behavior as well as production print quality requirements. For more precise ink consumption estimates, PRISMAsimulate Ultra Universal PDF Estimator allows you to use dedicated setups from the compatible print device.

Fine-tune the ink estimation process

PRISMAsimulate Ultra Universal PDF Estimator helps you accurately predict how much ink your print job will use by simulating real production conditions. This means your ink estimates are much closer to what you'll actually use during printing, reducing surprises and helping you plan better.

Integrated cost estimation

PRISMAsimulate Ultra Universal PDF Estimator allows you to estimate job costs as well. User configurable parameters such as ink costs, paper costs, user charge, and other user definable cost parameters are calculated. Job cost estimation reports in PDF or CSV formats can be available for offline review.

PRISMAsimulate Ultra is a modular application that can be used to support your print operation: from quotations to order intake, through prepress, up to production.

Productive

Maintain productivity of large files with ease, through robust processing without the need to run the press to get the cost estimate.

Scalable

PRISMAsimulate Ultra can be extended to run multiple files simultaneously on different printers.¹



*ProStream 3000 with optional
unwinder and rewinder.*

PRINTER SIMULATION PACKAGES

GET READY FOR PRODUCTION

As a print factory, you don't want to be surprised with defective print jobs hitting the production floor. With Printer Simulation Packages, you can simulate what you will print in production.

Help avoid errors and safeguard productivity

- Optimize and speed up the prepress process by simulating the real printer behavior, including using the same RIP engine and settings from the operator panel.
- A pixel-precise "What You Simulate Is What You'll Print" presentation of layout and registration is designed

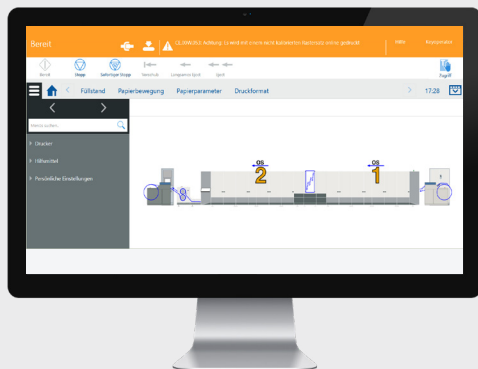
to help safeguard productivity and reduce waste from misprints. The simulation displays if the print production file produces the desired output result.

- Color plane view can be switched on/off per color, to verify color composition.



ColorStream 8000 with optional unwinder and rewinder.

PRISMAsimulate Ultra



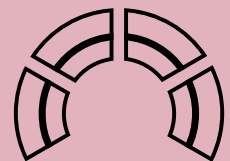
Printer Simulation Package



Job data

ESTIMATION
RUN

PRISMAproduction²



InkControl



Accounting
database





Simplify onboarding of new applications

- Developed for Canon web-fed inkjet and selected web-fed toner presses.
- Used in combination with PRISMAproduction, the Printer Simulation Packages support most common Print Data Languages (AFP, PDF, PS, PCL, ...).
- Develop new applications easily off-line without the need for costly, time- and resource-consuming test prints.

Compare pre- and post-calculation

- Combine PRISMAsimulate Ultra with PRISMAproduction InkControl, to compare the estimate against actual consumption.
- Produce valuable management data for further optimization of quotations and ink-related settings.

PRISMAsimulate Ultra includes further functions designed to easily integrate in your environment.

Reports can be automatically and manually exported as PDF or CSV files, to allow further processing in other compatible management applications.

Local user management, or advanced option with active directory LDAP.

Automatic job processing using hotfolders.

The subscription-based model makes software purchasing easier, can help keep costs predictable, and limits the need for large upfront investments



WHY CANON U.S.A.?

At Canon U.S.A., we have the technology solutions, insight, and business development expertise to help you shape your future plans. Our advanced, end-to-end technology innovations, from hardware to software and services, allow you to transform your business to help meet customer demand, both today and in the future.



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¹ *Optional PSP license required for each printer.*

² *Properly configured PRISMAproduction software is required for the integration. This allows operators to use PRISMAsimulate Ultra with Printer Simulation Package option to receive job data from PRISMAproduction, simulate the print process, and return the ink consumption estimation back to PRISMAproduction.*

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