Ergosoft RIP **2025** Spring Release:
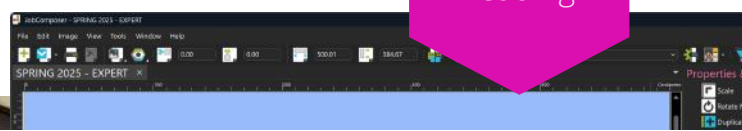
Smarter Tools, Better Colors, Less Waste

The Ergosoft RIP 2025 Spring Release delivers smarter automation, enhanced color accuracy, and greater workflow efficiency - helping print shops reduce costs, increase productivity, and improve print quality.

- **Faster Job Handling & Automation** – A fully customizable JobComposer and improved queue management streamline operations, saving valuable time.

- **Better Color Accuracy with Less Waste** – Advanced 3D Gamut Viewer, Density Linearization, and Halftoning ensure high-quality results while optimizing ink usage.

- **Precision Meets Speed**: Next-Level Color Profiling – The upgraded ColorGPS profiling delivers faster, more accurate ICC profiles, ensuring consistent, high-quality prints across various substrates.

- **Optimize Your Queue:** Predict, Control, Print – Enhanced QueueManager features provide visual job previews, ink and media consumption estimates, and barcode job control, making production planning more efficient.

- **Smarter Proofing & Color Tools** – Features like ColorWheel and enhanced templates make color management more intuitive and precise, reducing costly reprints.
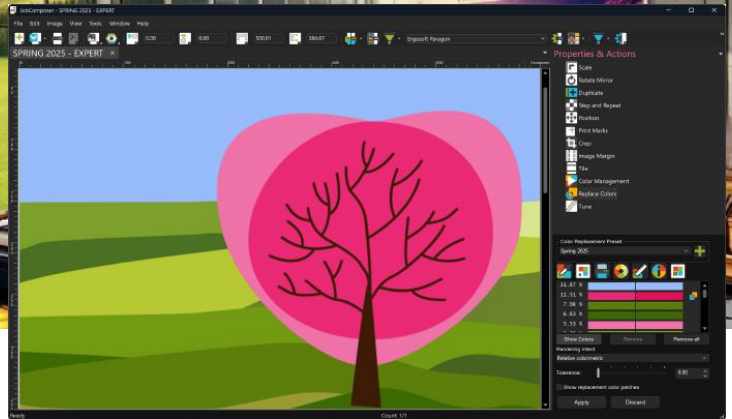
With these improvements, Ergosoft RIP 2025 helps print shops stay competitive by increasing efficiency, minimizing waste, and delivering top-quality prints. The update is free for all users with an active maintenance program.

Invest in smarter printing – optimize your workflow with Ergosoft RIP 2025.

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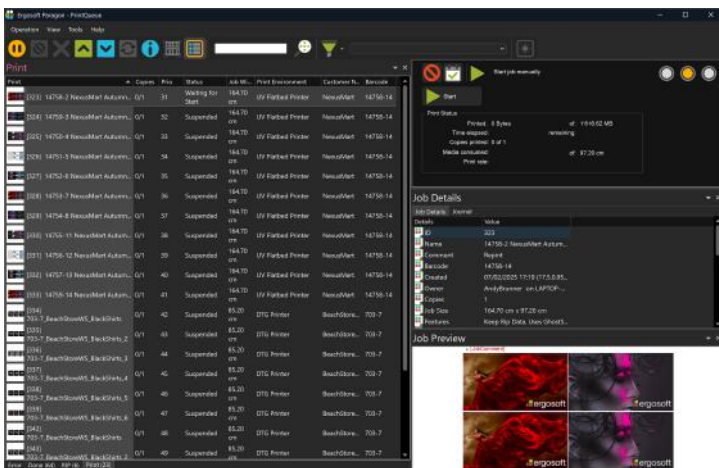
Smarter Job Handling

New JobComposer – Fully Customizable to Fit Your Workflow

The updated JobComposer introduces greater flexibility in job setup and management. Users can now customize toolbars, dropdowns, and viewing options, tailoring the interface to their specific needs.

- **Edit Mode** allows toolbar customization, button adjustments, and personalized workspace layouts.
- **Flexible icon sizes** and context menu thumbnails improve visibility and navigation.
- **Optimized dropdowns** for Print Environments, Cut Environments, and Job Presets simplify workflows.

These enhancements allow operators to work more efficiently, reduce clutter, and increase productivity.
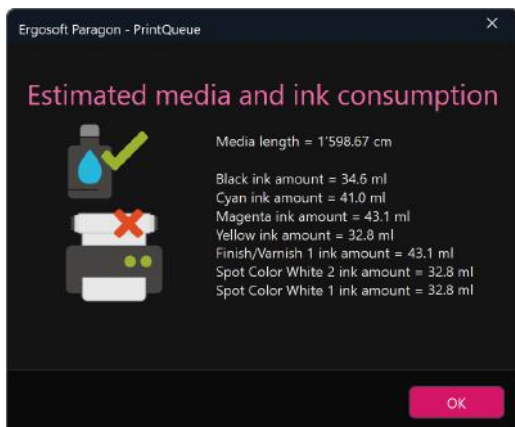

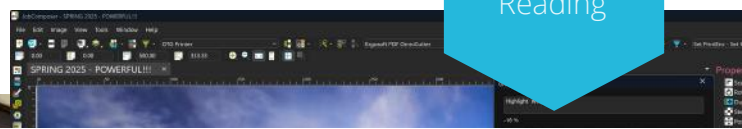## Improved Queue Management: Smarter, Faster, More Predictable

Managing production queues has never been easier with new QueueManager features:

- **Visual job previews** allow for quick identification of pending jobs.
- **Estimated media and ink consumption** provide better production planning.
- **A barcode job control** toggle streamlines automation for faster, more reliable processing.

By providing a clearer overview of queued jobs and real-time resource tracking, print operators can reduce downtime and improve efficiency.
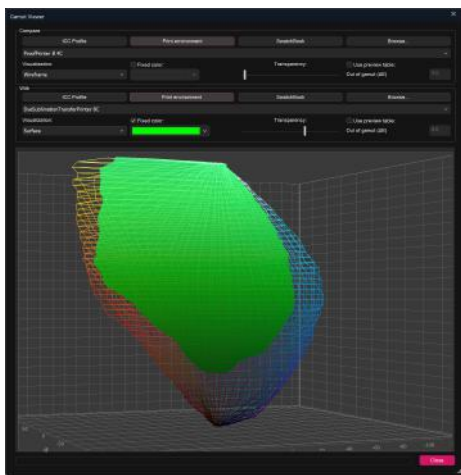
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Ergosoft RIP 2025 Spring Release:

Better Colors, Less Waste

Ergosoft RIP 2025 introduces enhanced profiling tools, advanced color visualization, and improved halftoning control, ensuring that print service providers can achieve perfect color reproduction with optimized ink usage.

With these features, print professionals can save costs, maintain consistency, and improve print quality - all while reducing ink waste.
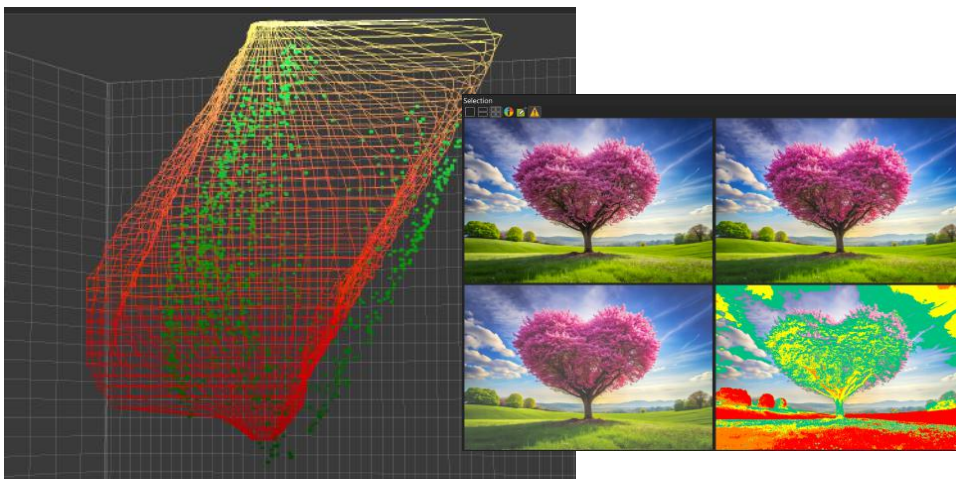

3D Gamut Viewer: A New Dimension in Color Management

The new 3D Gamut Viewer provides deeper insights into ICC profiles, allowing users to compare color spaces with enhanced visualization options.

- **Customizable 3D views** including surface displays, color cubes, and wireframes.
- **SwatchBook and image analysis**, helping users evaluate colors against printer gamuts.
- **User-definable gamut displays**, ensuring more precise out-of-gamut color detection.

These tools help print providers ensure accurate color reproduction across different substrates.
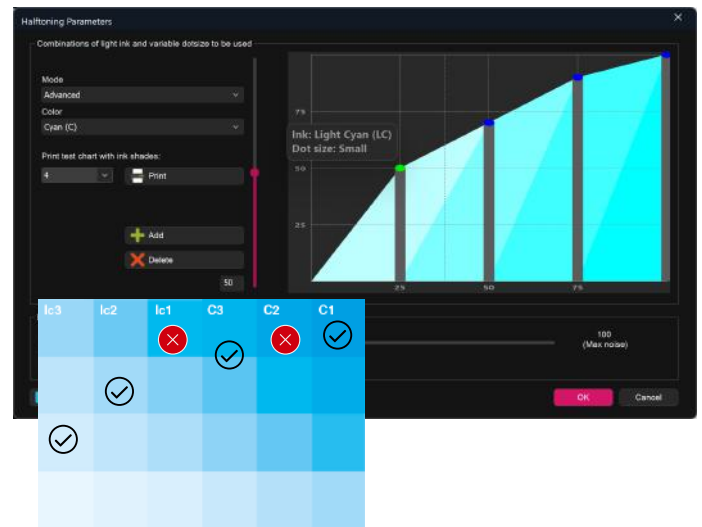

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Better Colors, Less Waste

Master Halftoning with Custom Dot Size Control

Ergosoft has improved its halftoning and dithering tools to increase control and customization:

- **A redesigned interface** makes halftoning settings easier to navigate.
- **New test print function** allows dot size comparisons side by side.
- **Customizable ink level settings** can now be exported and imported for consistency across jobs.
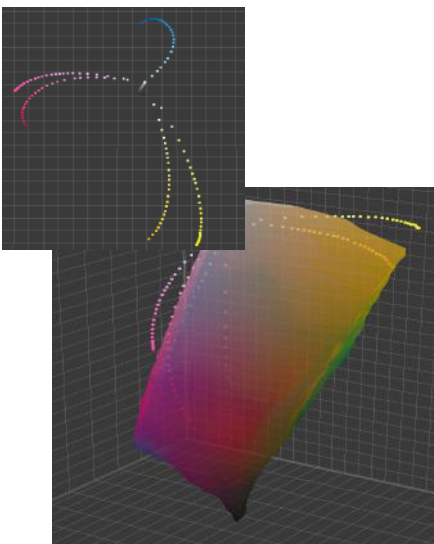
These enhancements enable sharper and more controlled printing, reducing unwanted graininess and improving fine-detail reproduction.

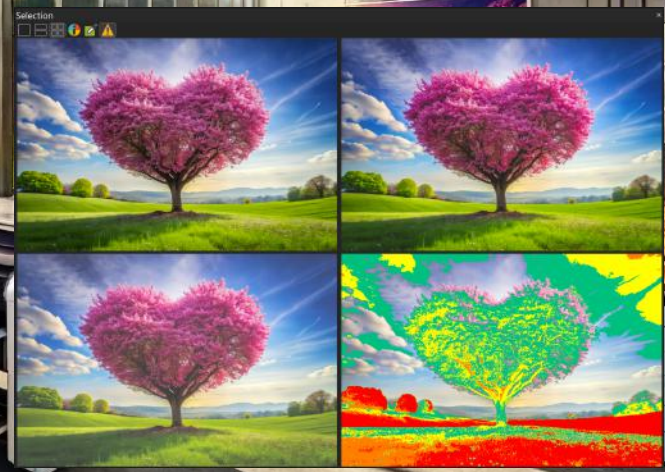## Maximizing Color Accuracy While Minimizing Ink Waste

The updated Density Linearization Wizard brings smarter ink management to reduce costs without sacrificing color precision.

- **3D visualization of linearization** curves allows better control over ink levels.
- **New chroma display** helps balance colors effectively.
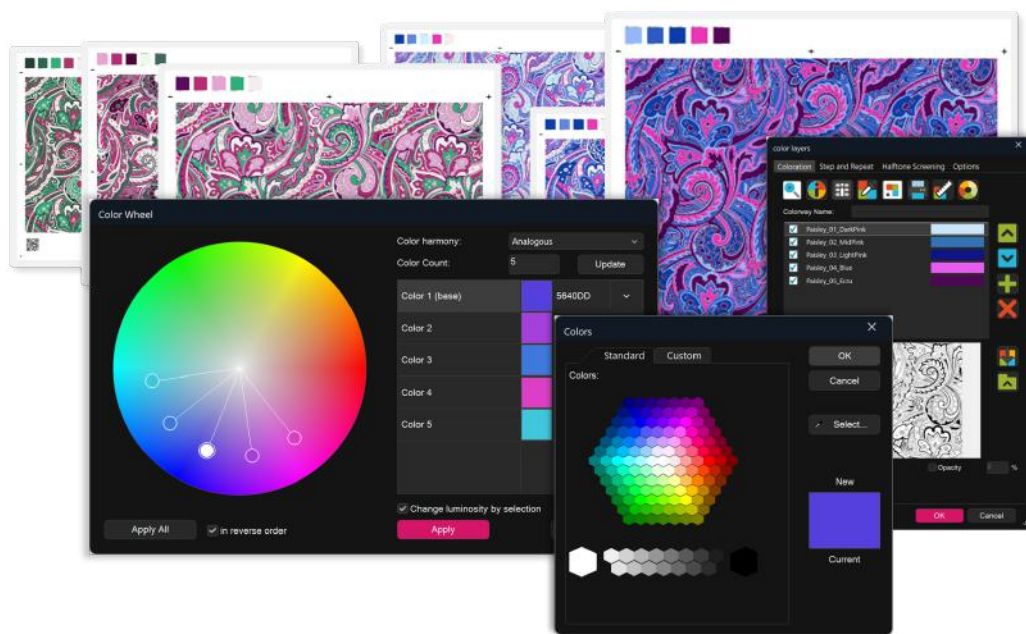- **Advanced AutoLimit technology** optimizes ink channel restrictions, reducing excess ink consumption.

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Smarter Design & Proofing

The Ergosoft RIP 2025 Release introduces powerful new tools for color selection, template management, and proofing accuracy, ensuring that print professionals can maintain consistency across jobs while simplifying approval workflows.

With enhanced proofing tools and smarter template controls, the Ergosoft 2025 Spring Release helps print providers save time, improve approval processes, and achieve consistent, high-quality results.

ColorWheel: Create Harmonious Palettes with Ease

With ColorWheel, users can now generate harmonious color palettes that automatically align with their designs.

- **Create complementary color schemes** based on a base color.
- **Drag and drop palettes** into image separations and templates.
- **Seamlessly integrate colors** into SwatchBooks, ensuring uniformity across projects.

These features are ideal for textile, signage, and packaging industries, where color harmony plays a crucial role.

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Smarter Design & Proofing

Precision Meets Speed – Next-Level Color Profiling

The updated ColorGPS profiling system provides faster and more accurate ICC profiles.

- **QuickColor profiling** now includes an advanced Ink Mixing Model for better light-scattering prediction.
- **Expanded color patch option**s improve spectral density measurements.
- **Flexible illuminant/observer standards** allow easy switching between D50/2° and D65/10°.

This ensures better color accuracy across a variety of print materials and lighting conditions.

Smarter Templates for Better Proofing & Approval

The enhanced template system provides better color management per placeholder, making proofing more precise.

- **Multi-rendering intent suppor**t, allowing different color settings per template element.
- **Automated hard proof generation**, ensuring accurate visual representation for client approvals.
- **New grouping functions**, simplifying the setup of static elements and print marks.

These updates streamline prepress processes, reducing errors and ensuring that final prints match expectations.

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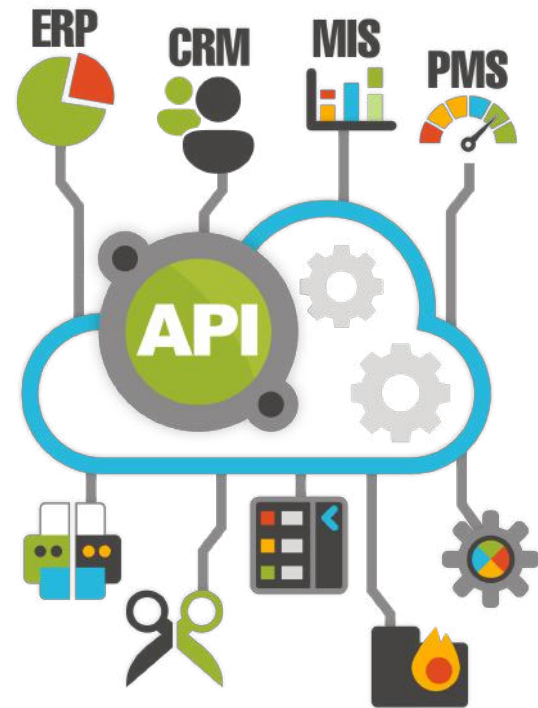
Faster Job Handling & Automation

Seamless Automation with Delta Automation Suite

The updated Delta REST API simplifies automation, offering:

- **Job status subscriptions**, enabling real-time updates.
- **Database folder endpoints**, streamlining file handling for automated processing.
- **Improved job queue management**, including repositioning jobs via API.

With these enhancements, manual job handling is significantly reduced, allowing print businesses to integrate Ergosoft seamlessly into their existing ERP/MIS/CRM systems.

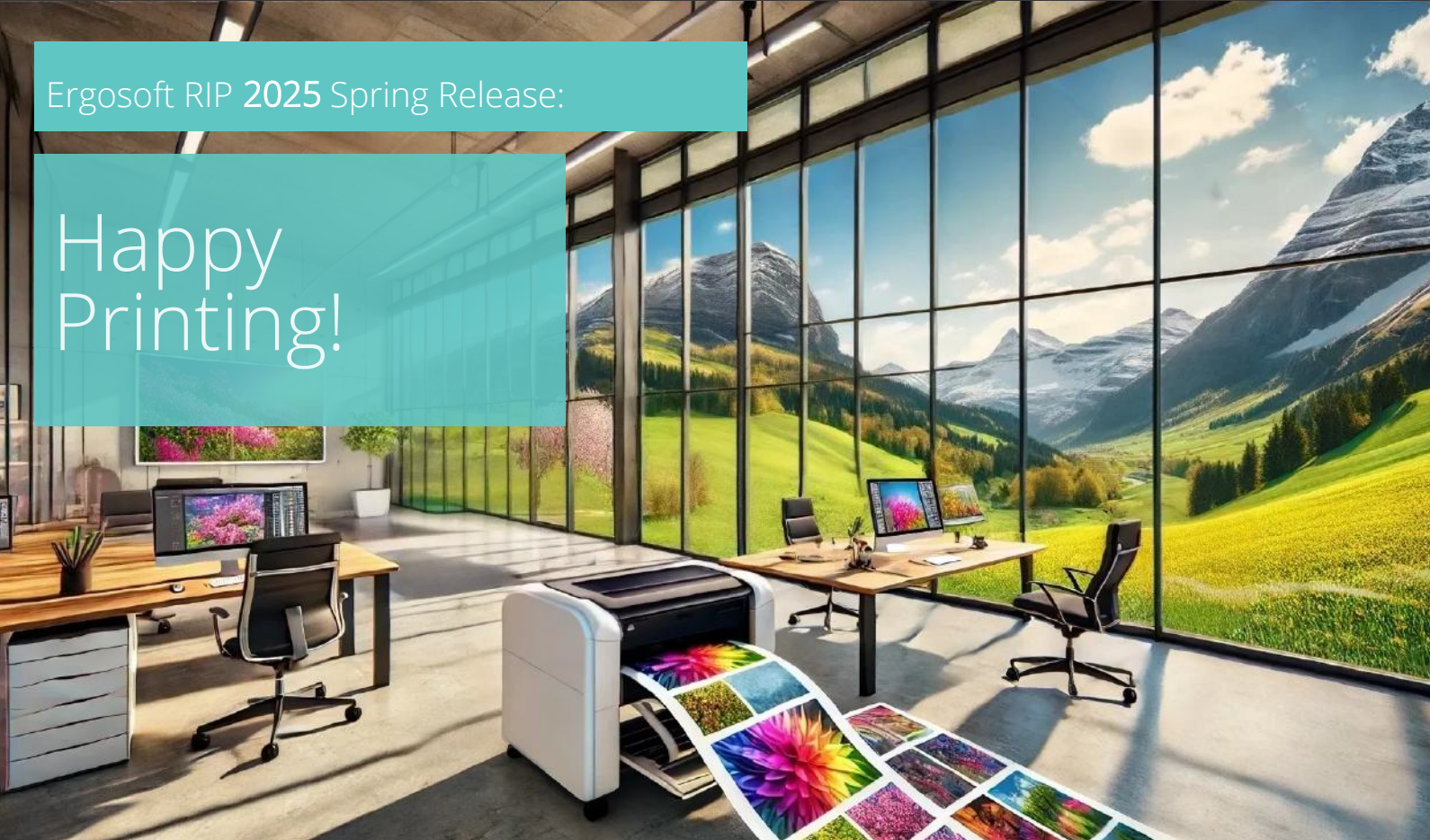The Delta Automation Suite is available as annual Add-On.

Details:

- **Jobs from Orders:** Submit jobs via the Delta REST API using a simple text-based format (tab-separated, exported from ERP/MIS/CRM). This format supports all job details and allows for complete job presets, making complex job automation easy without development skills.
- **Job Status Subscription:** Subscribe to job status updates with the new subscribe-job-status endpoint. Receive updates directly to your specified endpoint URL. Unsubscribe anytime or let subscriptions auto-terminate when jobs are done.
- **Data Base Folder Endpoints:** Set and retrieve local folder paths with new endpoints. Use these folders as local image stores in DeltaXML jobs and DripTasks.
- **Data Base Folder:** Use the !USEBASEFOLDER! variable for relative image data paths. The REST API converts these to absolute paths, simplifying job submissions.
- **Service Management:** Manage the auto-start of the Delta REST service through the ControlCenter. The service shuts down gracefully when the RIP is closed.
- **Job Queue Management:** Reposition jobs in a queue with the move-up-job-position-in-queue endpoint.
- **Windows Tray Icon: A** new tray icon indicates when the Delta REST service is running, replacing the console window.
- **Swagger Documentation:** Access Swagger documentation directly from the Delta REST API tray icon context menu.

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Happy
Printing!

Access Ergosof 2025 at No Extra Cost: If you have an active maintenance program, the Ergosoft RIP 2025 Spring release is available to you at no extra cost.

To purchase Ergosoft RIP or update to the Ergosoft 2025 release, <u>contact us now</u>.

Happy Printing,
Team Ergosoft

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www.ergosoft.net
es.info@ergosoft.net
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About Ergosoft
Ergosoft is a leading provider of innovative software
that meets the evolving needs of the digital printing industry.