



Intelligent Workflow Management

NewsXtreme is the next generation software for film and CTP production workflow environments. The system is designed for efficient high-speed throughput with a user-friendly interface that makes complicated workflows easy to manage. Utilizing our experience over the last 15 years, we have engineered the answer to newspapers' workflow needs.

NewsXtreme accepts and manages PDF, TIFF, PS, and EPS files. The system supports product planning, page pairing and imposition, intelligent file routing, load balancing, quality management, and soft proofing with approval. Its browser-based interface provides centralized management of the production process and system resources.

Web-Browser Convenience

The secure browser based user interface requires no third party or Java plug-ins and is supported on both Windows and Mac operating systems. Authorized users can manage workflow remotely.

Simple Rule Based Intelligent Routing

Production is automatically routed through the workflow based on customizable rules using file naming conventions, input sources, file attributes, planning information, priority, and deadlines. Unlike competitive systems that require programming skills to create and modify your workflow, our step-by-step wizard allows users with minimal experience and training to maintain the system.

Product Planning

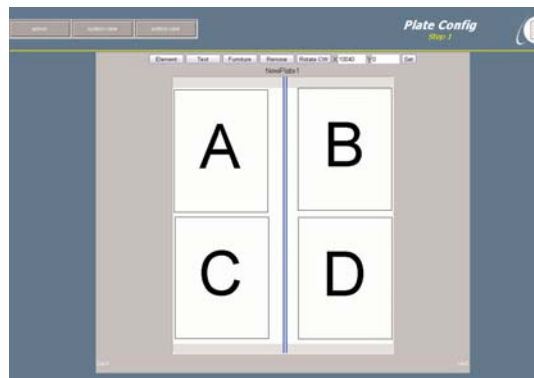
Adding new products or outside commercial work has never been easier. NewsXtreme's product planner is extremely flexible and easy to use. Create customized product schedules in minutes with double trucks, dinkies, and multiple plate configurations, all within the same schedule. Assign deadlines and priorities, which can be used to automatically manage production workflow. The step-by-step planning wizard can be used to create, modify, or copy commonly used plans. Plans from 3rd party applications such as ALS or Layout 8000 can be imported via customized system plug-ins.

Flexible Page Pairing & Imposition

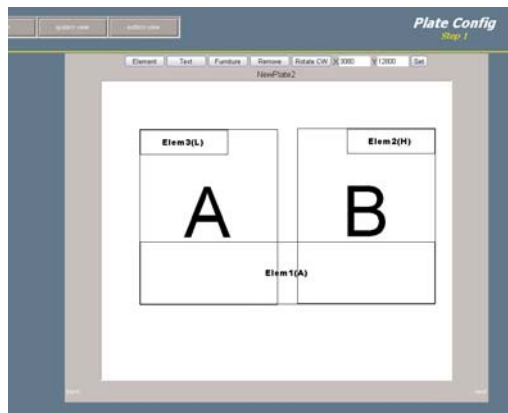
NewsXtreme assembles plate-ready images supporting page pairing to 16-up imposition. Its powerful bitmap manipulation engine can crop, invert, mirror, scale, shift, and rotate images based on defined rules. Human readable text and bar codes containing static and dynamic information are easily added to images along with customizable page furniture such as bender, registration, cut, and fold marks. Creep adjustment automatically positions the pages on the sheet so that after the bindery process the distance between the edge of the page and the edge of the sheet are more consistent.

Drag & Drop Plate Configuration

NewsXtreme's wizard style, drag and drop plate configuration makes it very easy to create plate templates. It supports odd and even plate templates along with inside and outside double-trucks. Within minutes, a new plate template can be created, simplifying the process of bringing a new product to press.



To ensure best registration and consistent quality, fan-out adjustment allows user-defined page adjustment, per plate template and per color.



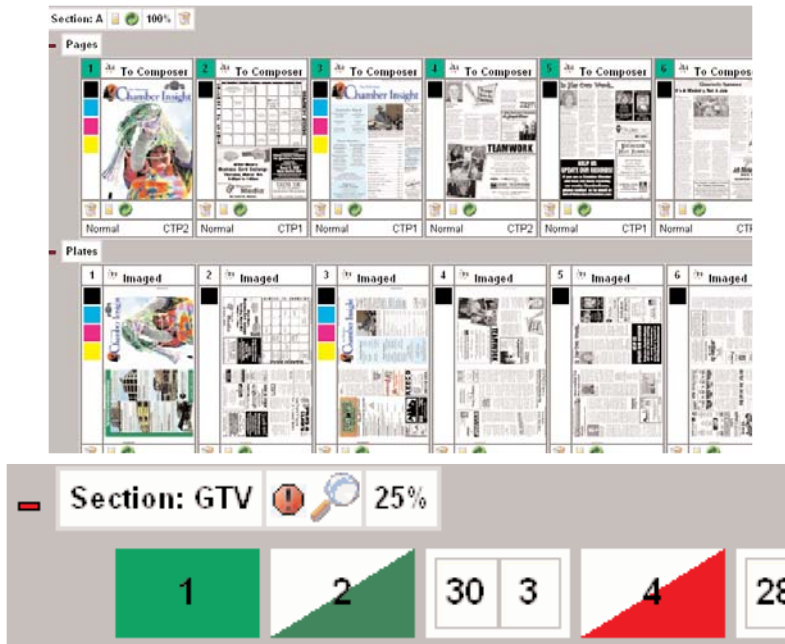
Multiple Page Element Merging Capability

NewsXtreme provides the additional capability to automatically merge multiple page & plate elements into one plate image. This capability allows for automated ad stitching, plate multi-burning, building of pages

from two or more differing sources, and/or support for half page double-truck banner ads.



Product Tracking and Management



Determine progress of daily production using Edition or Bird's Eye View

Switch between views for more detailed or overall plate status

Status of production by product down to page, plate, and separation level

Resend a complete product or a specific plate including previous versions

Adjust priority levels, deadlines, or communicate problems via annotations

Single click to view soft proof of page or plate

Ensure Output Quality

Calibration Management

Even with the best new CTP technology, it is not always possible for all imaging devices to be calibrated exactly the same. Most competitive workflow solutions require publishers to find a "sweet spot" calibration set across all their imaging devices. NewsXtreme overcomes this problem by pre-selecting an available imager just prior to sending the page to the RIP. The system automatically loads the appropriate page setup on the RIP based on the destination output device and ensures that all separations are ripped with the proper calibration.

Separation Locking

NewsXtreme helps control the color quality of your newspaper by making sure all separations of the same page are locked to the same output device even if sent at different times of the day.

Soft Proofing with Page and Plate Approval

NewsXtreme allows for multiple approval steps within your workflow. Proofs are generated from the same high-resolution images that will be sent onto film or CTP, ensuring the proofs appear the same on-screen as they will after final output. Authorized users can approve all or specific separations to move forward in the workflow.



Better Management of Production Resources

Single window showing the entire workflow and the status of all its resources

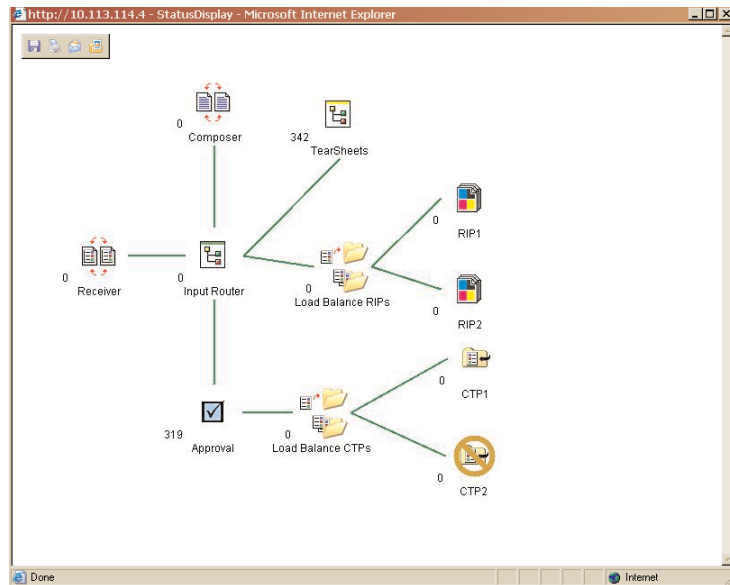
Prevent files being sent to imagers while being serviced

View logs of system resources from one Web interface

Determine workflow bottlenecks

See system problems at a glance

Make system configuration changes remotely



Error Notification

System users have the option to subscribe to error notifications informing staff members of potential problems before deadlines are missed.

Logging and Reporting

Diagnose workflow problems quickly from one central location. Utilize the system's report generator to export valuable information used to create customized reports.

Administration

NewsXtreme provides administrative tools that allow the system to be customized to meet your specific production needs. These tools make expanding or modifying your system to meet future needs extremely easy. Web based administration allows for easy system changes.

Simple Wizard to build the entire workflow

Define multiple naming conventions

Create customizable progress levels for detailed production tracking & reporting

Add spot colors

Manage priority levels and define changes based on daily schedule

Establish product hierarchies (publication, edition, section, zone, etc.)

Setup system purging procedures