



Automated workflow  
management for  
newspapers

**Kodak**  
**NewsManager**  
workflow system



## Highlights

- Provides sophisticated edition planning capabilities
- Allows high availability through dynamic load balancing and resource handling
- Adapts to any prepress workflow and many third-party and legacy systems
- Scales to handle any number of devices and print sites

**T**he **Kodak** NewsManager system is a complete workflow management solution for newspaper production. NewsManager increases productivity by automating and managing tasks such as page and plate scheduling, page pairing, proofing, annotation, progress reporting, and platemaking. It improves the efficiency of your prepress and production departments, and streamlines even the most complex newspaper production processes, from plan to plate.

## Enhance productivity and reduce errors

NewsManager's edition planner and production monitor modules are key to maximizing productivity. The edition planner allows the user to define the products based on press configuration and publication layout information. Multiple edition plans are tracked separately by the system, allowing for easy monitoring of any number of products. The production monitor provides operators at any location with up-to-date production status of all publications, while the optional global log viewer stores the history of all events for post-mortem reporting and analysis.

## Manage last-minute changes with ease

Automated page grouping increases productivity, allowing you to focus on creating pages instead of managing plate layouts. Pages are dynamically grouped into pairs, quads, or even eight-quarter folds on a panorama as they are being imaged on a CTP device. Last-minute changes to a single page can be made independently of other pages on the same plate and the system will automatically regenerate any plates affected by the change.

## Handle national and regional editions together

The NewsManager system can manage a complex distribution of zoned content to a group of sites, or for several press runs on one site. Regional sites that require national content can automatically merge local content with the national content before producing plates for regional editions. Pages can be used in multiple editions or zones, avoiding the need to re-send duplicate files for pairing with different content.

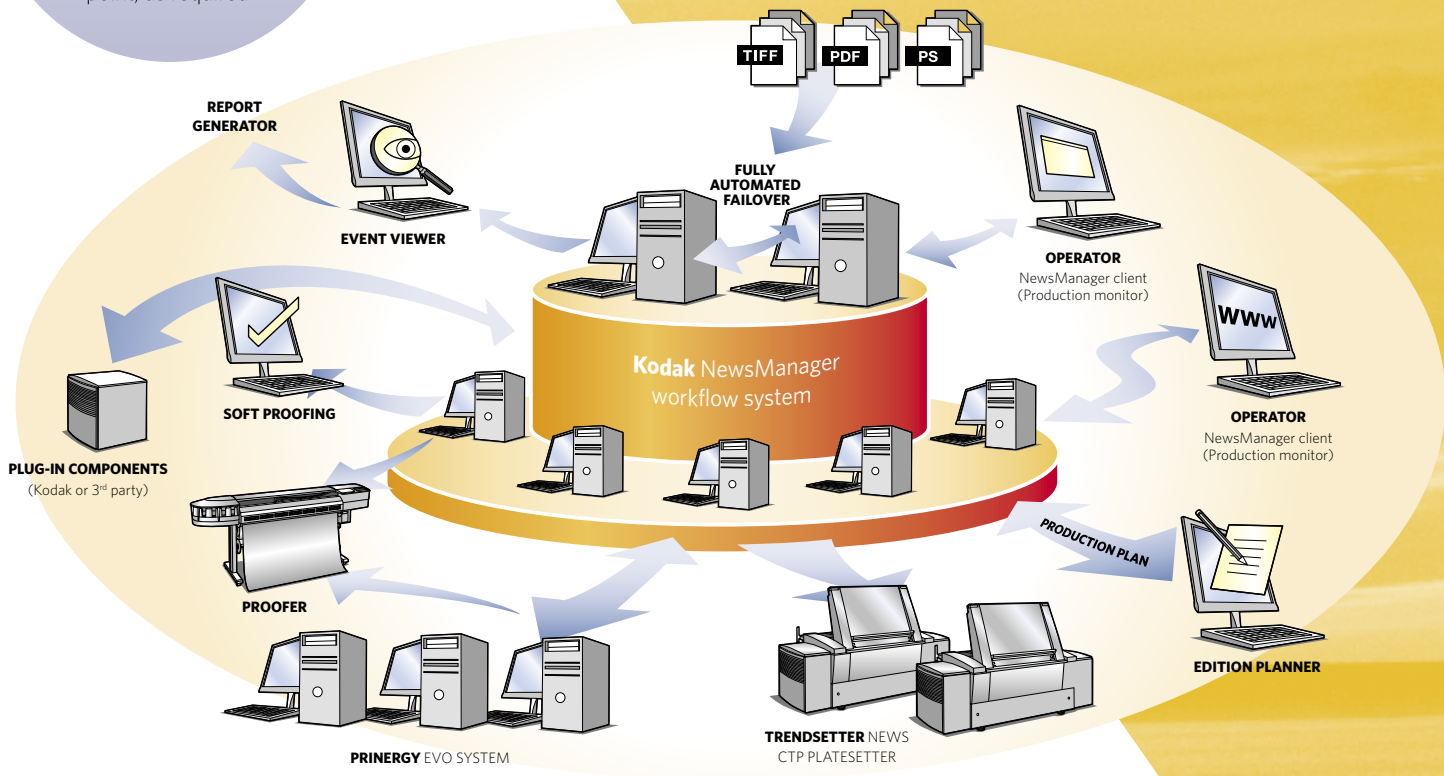
## Maximize uptime

The NewsManager system provides mirrored data, distributed processing, and automated failover so production times are met. It allows the duplication of databases, workstations, and processes to provide constant system availability. Fault tolerance mechanisms are automatic, so production processing continues with little disturbance and without the need for user intervention.

## Enhance throughput

Dynamic load balancing is built into the NewsManager system using a technique called "just-in-time resource allocation." NewsManager can respond dynamically to device failures, such as a CTP running out of plates, and enable the maximum throughput possible with the available resources.

The NewsManager workflow system automatically assembles the files into plate components according to the production plans. Operators can monitor and modify the process at any point, as required.



## Schedule intelligently

Scheduling in the NewsManager system allows you to define a "start time" for work to commence, as well as an "expected completion" time, to detect when work is overdue, and threatening press start times. Your production run stays on time, and alerts you in time to take action if there is an issue.

## Customize your workflow

The NewsManager system does not restrict you to a fixed, predefined workflow, so you can build the necessary process steps to meet your individual needs from a collection of licensed processes.

## Improve control with the new Web interface

The improved Web UI allows better scheduling and production, and enhanced soft-proofing capabilities. Delivered via a true "thin" Web client, the UI can run on low-end workstation platforms.

# Kodak NewsManager workflow system

Features	Description
Publication management	<ul style="list-style-type: none"> <li>The edition planner defines the parameters of each publication, including sections, number of pages, location of color, backgrounds and annotations, pairs, quads, and up to eight pages on a plate</li> <li>NewsManager can simultaneously manage multiple publications</li> <li>Changes to edition plans are handled dynamically. Pages are reassigned and new plates are generated automatically.</li> <li>Complex, commercial-style impositions can be imported in JDF format to be managed by NewsManager</li> </ul>
Production management	<ul style="list-style-type: none"> <li>NewsManager can be configured for distribution across a number of sites, and manage any number of RIP or PDF processors, proofers, and output devices</li> <li>The production monitor is an intuitive graphical interface that allows users in any location to check the status of all publications, either as pages or plates</li> <li>Devices can be taken offline for maintenance; processing will be redistributed to other available devices</li> </ul>
Process automation	<p>Planned mode:</p> <ul style="list-style-type: none"> <li>Files representing pages are matched against an edition plan and are dispatched through a series of predefined workflow steps. Pages are assembled and plates created with the desired furniture—all without operator intervention. If a new version of a page is submitted, new plates are generated automatically.</li> </ul> <p>Unplanned mode:</p> <ul style="list-style-type: none"> <li>Files representing plates are automatically load balanced across various renderers, available RIPs, and CTP devices for optimal productivity</li> </ul>
Load balancing	Processing is automatically distributed amongst available processing functions, such as RIPs, PDF renderers, and output devices
Failover	<ul style="list-style-type: none"> <li>Modular architecture allows access to the system from any workstation</li> <li>Processing status information can be mirrored to a backup workstation for automated recovery if master database becomes unavailable</li> </ul>
Options	
TIFF load balancer	Allows automatic load balancing between two <b>Kodak Trendsetter</b> NEWS devices. For applications where full power of NewsManager is not appropriate.
Page pairer	Allows pre-planning to maximize the usage of <b>Kodak Prinergy</b> Evo systems and <b>Trendsetter</b> NEWS devices for smaller newspaper applications
Global log viewer	Records processing activity from entire systems for quick troubleshooting and post mortem analysis
Press control interface	Produces CIP3-compliant PPF files for ink-key setting, with highly flexible naming options. Supports CIP3 extensions for newspapers, as well as KBA and other proprietary ink-key formats.
Hardware platforms	<ul style="list-style-type: none"> <li><b>Kodak</b> workstation (PC running <b>Windows</b> XP OS)</li> <li><b>Kodak</b> workflow server (single-CPU server with <b>Windows</b> 2003 OS)</li> <li><b>Kodak</b> high-performance workflow server (dual-CPU server with <b>Windows</b> 2003 OS, redundant power supplies, and other options such as RAID)</li> </ul>
Third-party interface	Allows third party workflows to gain detailed information about status of <b>Kodak</b> devices, such as a <b>Kodak Trendsetter</b> NEWS platesetter
Devices Supported	
CTP devices	<b>Trendsetter</b> NEWS platesetters
PDF renderers and raster image processors	<ul style="list-style-type: none"> <li><b>Kodak Prinergy</b> Evo system</li> <li>Third-party RIPs</li> </ul>
Proofing devices	<ul style="list-style-type: none"> <li>HP/RTL proofers, such as HP1050</li> <li><b>Windows</b> OS-compatible page and form proofing devices</li> </ul>

## To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

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