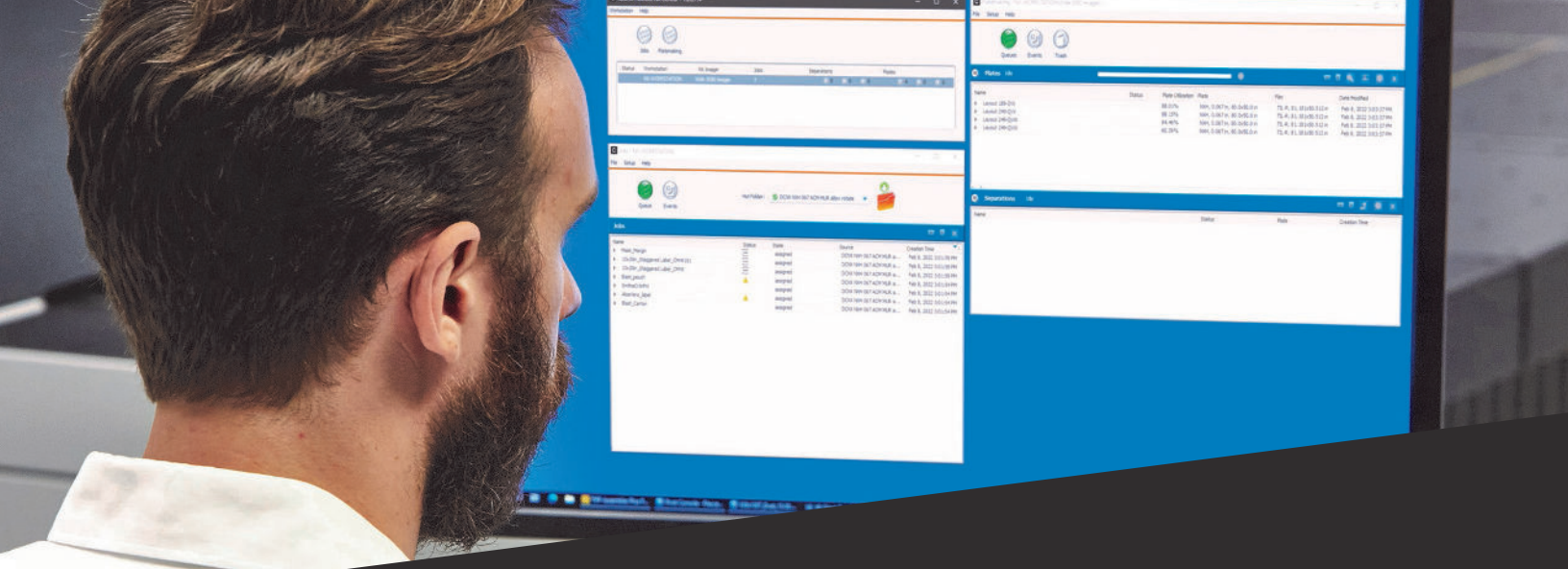




FLEXCEL NX Central Software

Unlock the benefits of FLEXCEL Solutions

miraclon

Streamlined Hub

FLEXCEL NX Central Software is your all-in-one solution for seamless platemaking. Access everything you need from one location for an exceptional platemaking experience.

Elevate your plates with revolutionary technology

FLEXCEL NX Central provides swift access and simplifies the application of various features, enhancing the capabilities of FLEXCEL NX plates for optimal performance and efficiency in both pre-press and press room operations.

Multi-Form Surface Patterning: FLEXCEL NX Central has a full suite of single and double form patterns that optimize ink flow and transfer in a way that is unparalleled in the industry. Customers can upgrade their capabilities by adding FLEXCEL NX Print Suite packages, which utilize triple-form patterns to unlock advanced technologies like PureFlexo™ Printing and UV Choice Printing.

Digitally applied directly from FLEXCEL NX Central, the patterns result in superior quality, lower dot gain, and prevent ink spread.

Halftone Screening Package: Integrated directly within FLEXCEL NX Central, this package offers top-tier screening technology for FLEXCEL NX plates. Enhance highlights, shadows, and vignettes via a simple, easy-to-use interface. Our CX and SX hybrid screens are perfect for achieving high-quality prints or converting gravure work to flexo.

For object-based screening, we offer a customized version of STEPZ, fully supported by Miraclon technical experts.

Great platemaking starts with FLEXCEL NX Central Software

FLEXCEL NX Central Software is your key to exceptional platemaking. Easy to use and versatile, it offers access to Miraclon's top platemaking features.

Automated Plate Layout: Automate plate layouts for quick job changes and flexible scheduling. Customers can save up to 90% of the time compared to manual preparation. Optimize plate utilization by up to 10% across media sizes, adapting continuously as new jobs come in for maximum efficiency, savings on plates, energy, and solvents.

Calibration Tool: Ensure precise and accurate images on plates. Regular calibration reduces print artifacts and improves consistency. Quickly troubleshoot and adjust with this self-service tool.

Production Reports: Easily track job efficiency, quality and cost. Generate detailed media usage reports per plate or layout, including total plate utilization and chargeable coverage.

Always Up-to-Date: Stay current with the latest features and updates. FLEXCEL NX Central integrates smoothly with existing workflows, boosting productivity while ensuring your files and business remain secure. Plus, get quick support with the built-in help line.

FLEXCEL NX Central is your all-in-one solution for seamless platemaking.

FLEXCEL NX Central Software specs

	FLEXCEL NX Central Software	with Automated Plate Layout
Latest version	FLEXCEL NX Central Software 3.0	
Licensing	FLEXCEL NX Central Software operates as a client-server product. The server, licensed and installed on the imager workstation using the Product Serial Number from your service representative, acts as a site-license host. This setup allows for multiple client installations on the same network.	
Server-supported architecture requirements	▪ Workstation: T340 or higher is recommended ▪ Operating System: Windows Server 2019 or higher recommended ▪ CPU: 4-cores / 4-thread ▪ RAM: 16GB ▪ Disks: 2 x 1TB (minimum) hard drives with RAID-1 setup	▪ Workstation: Dell PowerEdge T340 Adv or higher ▪ Operating System: Windows Server 2019 (minimum), Windows Server 2022 recommended ▪ CPU: 8-core / 16-thread CPU ▪ RAM: 32 GB ▪ Disks: 4 x 1TB (minimum) hard drives with dual RAID-1 setup; Print Console and FLEXCEL NX Central Software with Automated Plate Layout use separate physical drives
Client-supported architecture requirements	Hardware Recommendations: ▪ CPU: 2-threads (minimum) ▪ RAM: 4GB (minimum) ▪ Disks: 256GB (minimum disk space) ▪ Screen Resolution: 1920x1080 (minimum)	Supported Windows OS: ▪ Windows 11 ▪ Windows 10 (build 1909 or later) ▪ Windows Server 2019 (build 1909 or later) ▪ Windows Server 2022 Supported Mac OS: ▪ macOS 15.x (Sequoia) ▪ macOS 14.x (Sonoma) ▪ macOS 13.x (Ventura)
Output resolutions	With multi-form patterning applied: 4800x2400, 4800x4800, 9600x4800 Without multi-form patterning applied: 2400x2400, 4800x4800, 9600x4800, Custom	
Reporting options	Media Usage Report (PDF, HTML, XLS, XML)	Media Usage Report (PDF, HTML, XLS, XML) Media Usage Report (PDF, HTML, XLS, XML) Plate Summary Report (PDF, HTML, XLS, XML) Job Summary Report (PDF, HTML, XLS, XML)
Supported input file formats	Input files—1-bit TIFF, LEN	
Supported output file formats	Layout output files: 1-bit TIFF, LEN Cutting output files: ACM, CF2, EPS Cut Mask Support: Basic	Layout output files: 1-bit TIFF, LEN Cutting output files: ACM, CF2, EPS Cut Mask Support: Enhanced
Validated cutting tables with ACM cutting file format	KONGSBERG XL, KONGSBERG XL20, KONGSBERG XN, KONGSBERG XN22, KONGSBERG V20, ZUND G3 M-2500	
Add-on Features	Automated Plate Layout FLEXCEL NX Print Suite for Flexible Packaging FLEXCEL NX Print Suite for Narrow Web Halftone Screening Package (STEPZ optional for object-based screening)	