Navigator | Flexo Suite

Version Comparison

	Navigator Harlequin RIP	Navigator Workflow	HXM Hybrid Screening	TRAPZ®	Tabular Step & Repeat	Navigator Plate Controller	Smart Flexo	PACKZ®
Flexo Suite	✅	✅				✅	✅	
Flexo Suite : Lite	✅	✅				✅		
Flexo Suite : Label	✅	✅	✅	✅	✅			
Flexo Suite : Complete	✅	✅				✅	✅	✅

Navigator Harlequin RIP provides fast, predictable, and reliable interpretation of PostScript, PDF, and EPS format files. Navigator is the most trusted name in RIP architecture – with more than 45,000 installations worldwide.

Navigator Workflow's client/server architecture allows precise job control from any macOS or Windows workstation on the network. Avoid costly plate errors by previewing and verifying RIPed data without halting the RIP and stifling production. Choose from multiple magnifications, single plates or combos, spot colors, and traps down to pixel level.

HXM Hybrid Screening improves print quality by using both AM and FM dots to increase the output LPI for any given resolution. For example, a printer imaging plates at 2400 DPI / 150 LPI while holding a 1% dot can acheive 200-250 LPI using HXM screening without any special pre-press or on-press requirements. HXM substitutes FM dots in highlights and shadows for greater clarity and definition.

TRAPZ is an advanced, vector-based trapping module with flexo-specific settings. Adjust corner shapes, widths, spreads, chokes, and pullback using color- or ink-based modes.

Tabular Step & Repeat is a straightforward step & repeat module designed for rectangular and irregular-shaped labels and flexible packaging. TS&R supports block and staggered repetition with dynamic marks.

Navigator Plate Controller reduces material waste by populating the plate with one-bit TIFF separations from incoming jobs. Move, rotate, and add jobs simply by clicking and dragging them into position. Auto Crop eliminates unused plate areas from the output image.

SmartFlexo's intelligent screening module is completely configurable based on your printing conditions. Specify minimum dot, supporting dots, dot shapes, and alignments. Choose precisely where you want to transition from AM to FM dots for better highlight and shadow control. Remove pixels for better coverage in solids.

PACKZ's advanced PDF editor and quality assurance functions enhance prepress production with automated actions and dedicated prepress tools. PACKZ enriches artwork with priming and finishing separations, ink sets and object-based screening, trapping, and dynamic marks and panels.