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Navigator Flexo Suite 

A selection of prepress tools specifically designed and engineered for Flexo work


- Navigator Harlequin RIP
- Navigator Prepress Workflow
- Optional High-Fidelity Flexo Screening
- Navigator Plate Controller

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Navigator Harlequin RIP 

Navigator is the most trusted Harlequin RIP in the world:

- Under constant development since 1992
- Simple, full-featured, easily deployable
- The fastest Harlequin RIP – Ever
- Over 35,000 Navigators sold worldwide



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Navigator Prepress Workflow 

A simple drag-and-drop approach that gives all operators a view into production:

- Client-Server architecture
- Mac and PC clients
- Pixel level preview feature
- Functionality that is truly productive and useful

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Navigator Prepress Workflow

Workflows

Job Name	Job No.	Status	Workflow	Status Message
Spot Colors - Eagle Logo.pdf (1)	25	Paused - Rip	CMYK + Spot @ 175 LPI	
Fidelity.pdf (1)	26	Paused - Rip	CMYK + Spot @ 175 LPI	
sample label.pdf (1)	27	Paused - Rip	CMYK + Spot @ 175 LPI	
OT 6058A-001.pdf (1)	28	Paused - Rip	CMYK + Spot @ 175 LPI	
28Sep_Mosaics-India_Cvr (Color...)	29	Paused - Rip	CMYK + Spot @ 175 LPI	
belizea.pdf (04)	30	Printing - Ri...	CMYK + Spot @ 175 LPI	
101427emac_cantsteps.pdf (1)	31	Scheduled - Rip	CMYK + Spot @ 175 LPI	

Steps in Workflow

Jobs in Process

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Navigator Prepress Workflow

Magnification Selectors

Pixel Viewer

Separation Selector

Preview Navigation

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High-Fidelity Flexo Screening (option)

XITRON

Specifically designed for the needs of modern flexo plates and flexo CTP

- Hybrid screening technology
- Configurable non-printing support dot
- Configurable AM to FM crossover points
- "SmartCell" adds tiny cells to solid print areas for better coverage

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High-Fidelity Flexo Screening (option)

Highlight switch from FM to AM

Minimum dot size

Shadow switch from AM to FM

SmartCell zone selector for better solid coverage

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High-Fidelity Flexo Screening (option)

SmartDot Zone (5% Dot Size)

Minimum SmartDot Size

Non-printable supporting dots

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High-Fidelity Flexo Screening (option)

Standard 100% Solid

98% Dot Size

AM to FM crossover in shadow

SmartCell random distribution

100%

FM

96%

AM to FM crossover in shadow

SmartCell settings selected

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Navigator Plate Controller

Quickly and easily combine several jobs/separations for imaging on a single flexo plate

- Combine all separations
- Rotate and snap to fit
- Accepts one-bit TIFFs and .len files
- "Auto Trim" mode automatically restricts bitmap to used area saving time and material

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Navigator Plate Controller

Job TIFFs ready for merging

Auto-Trim Button

TIFFs assembled on plate

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Navigator Plate Controller

The screenshot displays the Navigator Plate Controller software interface. At the top, there is a menu bar with 'Select Layout: stad' and a ruler showing dimensions from 0 to 195. The main workspace shows a plate layout with a 'ROORS' logo at the top left, a central image of a globe, and several text boxes. A blue callout box with arrows pointing to the margins of the plate layout contains the text: 'Plate automatically trimmed with selectable margins'. The XITRON logo is visible in the top right corner of the software window.

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THANKS!

Any questions?

The slide features a dark background with light gray geometric shapes. The text 'THANKS!' is written in a large, blue, sans-serif font. Below it, 'Any questions?' is written in a smaller, white, sans-serif font. The XITRON logo is located in the top right corner.