RUTHERFORD
GRAPHIC PRODUCTS

Color right.
Color fast.

Closing the loop on color.

Automate the ink key settings.

Before you start your press, the CIP or TIFF files of your job from prepress will provide all the information that IntelliSet needs to automatically preset the ink keys, saving time and money. A press operator simply chooses the print job and paper type on a touch-screen monitor and IntelliSet does the rest. No more manual adjustments at the press console.

Key Features of IntelliSet:

Auto-Learning by Paper Type
- System learns by keeping a preset-accuracy history file of each paper type.

Preview
- Preview presets—bar graph of computed presets overlaid on plate image. Ink-sweeps shown numerically.

Auto-Key Compensation
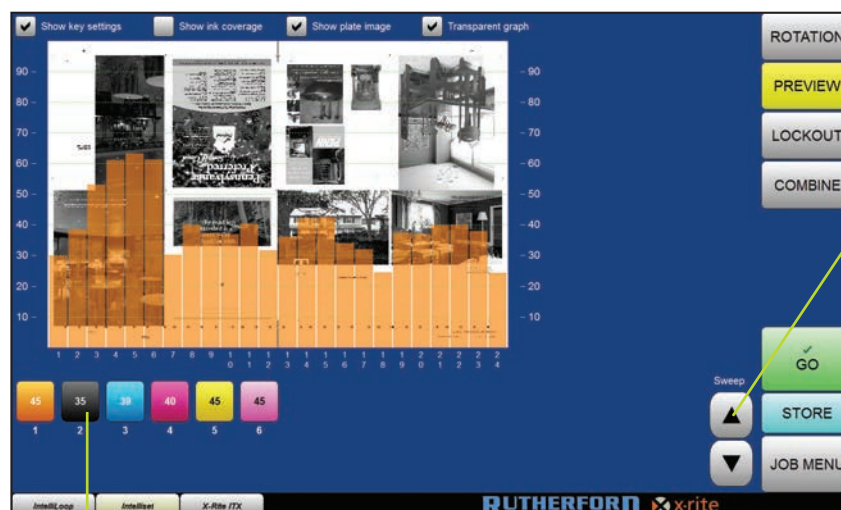- Ink-key openings automatically compensate if sweeps are manually changed before presetting action is initiated.

Preset Accuracy Reports
- Preset accuracy viewed remotely using a web browser, by job or historically by press.

Adapts to most any prepress job-naming convention
- Job numbers displayed at the press match those shown on operators' job tickets.

Preview of Calculated Presets Overlaid on Plate Image

Prior to selecting GO for preset action, the ink sweep can be adjusted; the ink keys will automatically compensate in accordance with their auto-learned preset curves.

Calculated Ink-Sweep Values

Job colors are shown by name in its respective hue. Color rotation is set by touch.

Put your press on cruise control.

Once you start a job, your press operator scans the color bar of a press sheet to get spectral and density data and IntelliLoop does all the rest. Your press operator will not have to manually adjust ink keys. During the press run, periodic scans of the color bar feed color data into IntelliLoop. The software will let the press operator know if there are any auto-adjustments needed to keep color consistent. IntelliLoop gets you to color fast, every time.

Key Features of IntelliLoop:

Automatic After-Scan Read
- Reads key-openings and sweeps immediately following scans—assures effective key moves for fast attainment of color standards.

Roll-Back
- Key-opening and sweep settings can be rolled back to the settings that resulted from any previous scan.

Key Opening Bar-Graph
- Displays actual ink-key openings in percentages. Sweep settings are displayed numerically.

Preview Key-Moves
- After a scan, the system displays what the new key openings will be before the operator selects "Yes" for key moves.

Key Move Aggressiveness
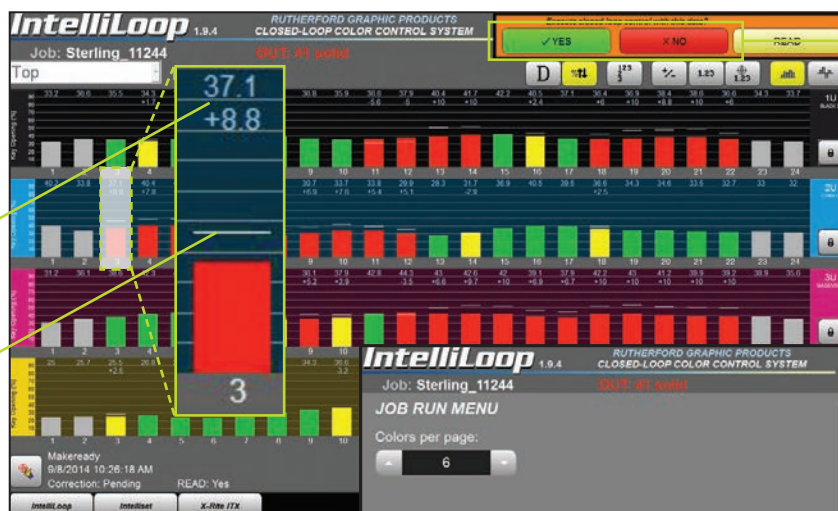- Dragging an on-screen slider changes the aggressiveness of key-moves in getting to color

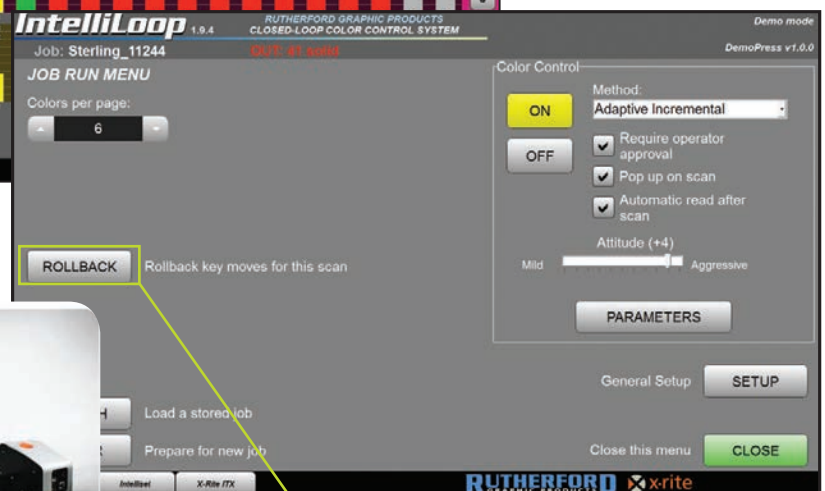**IntelliLoop Shows Actual vs. Intended Key Openings immediately after a Scan**

Actual key openings and amount key will move if YES is selected for closed-loop action.

Vertical bar shows actual key opening. White horizontal line shows new key opening if YES is selected for closed-loop action.

Operator can initiate or reject closed-loop action after scan

IntelliLoop works in conjunction with X-rite's IntelliTrax.

Rollback the press's ink-key openings to those associated with any previous scan

Ink Key Preset Solutions

Features/Capabilities	IntelliSet	EasySet
Compatible with sheetfed presses	✓	✓
Compatible with web presses	✓	
Prepress sends files to a single hotfolder located in a separate system server. Jobs can be downloaded by multiple presses.	✓	
Prepress department drops files into separate hotfolders, one for each press.		✓
Adapts to most any prepress job-naming convention: The job numbers on the job selection menu at the press are extracted from the long numbers used by prepress, matching the press operator's job ticket.	✓	✓
Preview presets: Bar graph of computed presets overlaid on plate image. Ink-sweep presets shown numerically.	✓	✓
Auto-key compensation: Ink-key openings automatically compensate if sweeps are manually adjusted before "GO" is selected for preset key moves.	✓	✓
Auto-learning by paper type: System learns by keeping a preset-accuracy history file of each paper type and each ink key, making for high presetting accuracy.	✓	✓
Spot colors are displayed in hue and by name	✓	✓
Preset accuracy reports viewed remotely using a web browser, by job or historically by press.	✓	

Closed-Loop Color Control Solutions

Features/Capabilities	IntelliLoop	EasyLoop	ExactLoop
Compatible with sheetfed presses	✓	✓	✓
Compatible with web presses	✓		
Automatic-after-scan read reads key-openings and sweeps immediately following scans—assures effective key moves for fast attainment of color standards.	✓	✓	Done Manually
Key-lock enables selected keys not to be be affected by scans. Key groupings easily selected with a finger drag.	✓	✓	✓
Key opening bar-graph: Displays actual ink-key openings in percentages. Sweep settings are displayed numerically.	✓	✓	✓
Preview key-moves: Displays what the new key openings will be if the operator selects "Yes" for key moves after a scan.	✓	✓	✓
Aggressivenes: Dragging an on-screen slider changes the aggressiveness of key-moves in getting to color.	✓	✓	✓
Roll-back the keys and sweeps to the settings that resulted from any previous scan.	✓	✓	
Spot colors are displayed in their respective hues and labeled by colorname.	✓	✓	✓
Density-target assignment: Density targets can be assigned to individual or to groupings of keys. Key groupings easily selected with a finger drag.	✓		
Density-range display: Displays a bar graph showing the range of densities across each ink fountain for each scan.	✓		
Individual color tolerance: Each color can be assigned its own narrow and wide-band density tolerance during a job.	✓		
Displays actual density and density-difference from target for each key, both graphically and numerically.	✓	*	*
Displays density target values for each key zone.	✓	*	*
Recall jobs with their color-ok density values for reuse.	✓	†	†

* Viewed in X-Rite IntelliTrax, EasyTrax, and eXact applications

† Done using the IntelliTrax, EasyTrax or eXact applications