Smart Scenarios and Real World Applications for the i5000 Series Scanners

Kodak created i5000 Series Scanners to triumph over the many processing challenges faced by digital mail rooms, multinational financial and insurance services firms, manufacturing organizations, government entities, and others that process huge volumes of documents containing diverse varieties of information.

Smarter auto orientation and controlled stacking slashes paper handling time and protects against legal issues
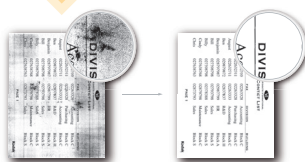
Situation:

- Service bureau processes 100,000+ transaction documents daily from multiple locations

- Financial penalties if performance levels aren't met

- All documents must be handled in defined timeframe to prevent backlogs and enhance customer service

- Must be scanned at 300 dpi and returned in exact order of receipt for legal reasons; condition of original documents varies widely

Solution:

- **Kodak** i5600 Scanner

- Perfect Page features enable electronic multi-colour dropout and streak filtering

- Controlled stacking allows checks to be mixed in with multi-sized documents

Results:

- No loss of payment or penalties because of volume slow downs

- Account numbers captured cleanly with outstanding data integrity; 300 dpi requirements and no speed sacrificed at 170 ppm

- Four colours automatically detected and dropped out to save file space

- Streak filtering removes artifacts for enhanced recognition accuracy

- Batches stacked in original order; many hours of time saved from reordering

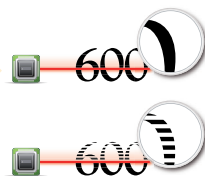## Enabling IDR enhances positives, eliminates negatives

Situation:

- Health insurance company processes thousands of claim pages and insurance documents

- Many staffers spend excessive time on document prep and re-feeding because of deteriorated quality and messy stacks

- Small documents cause feeding and stacking issues

Solution:

- **Kodak** i5600 Scanner using every bit of data at 600 dpi, enabling IDR (Intelligent Data Recognition)

- Greatly reduced document handling time through problem-free feeding and controlled stacking

Results:

- Greater image accuracy and quality delivered on first-time scans – thanks to Perfect Page features – to enable IDR, dramatically reducing time and costs of rescanning and missed images

- Wide variety of document sizes handled flawlessly – saving much time and many resources, as stacking and jogging originals is no longer necessary

- No worries about mixing diverse sizes and weights

- 300 dpi requirements met without any sacrifice of speed; 170 ppm throughput

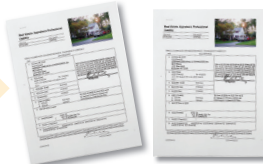## i5000 Scanners' brilliance delivers space and time savings

Situation:

- Financial services firm handles 200,000+ loans, receiving 500,000+ documents per month requiring data extraction

- Compound documents cause multi-feed problems

- Previous non-Kodak scanners slowed up to 59% with imaging features on; provide inferior image quality because of sub-sampling

Solution:

- **Kodak** i5200 Scanner applies smart algorithms to text and photos

- Use of Perfect Page features including auto orientation, auto crop, dual stream, and deskew

- Enabled outer sensors for smooth processing of envelopes while catching any landscape/A4-size document multi-feeds

Results:

- Text rendered more legible including account numbers that will be sent for validation, even from light originals with features enabled

- No sacrifice in speed; consistent 140 ppm performance

- Dual-stream output supplies 200 dpi bitonal for efficient file storage and 300 dpi colour scans for accurate processing

Kodak i5000 Series Scanners

Throughput	i5200: 140 ppm; i5600: 170 ppm
Recommended Daily Volume	No limit with i5000 Series Scanners
Scanning Technology	CCD
Optical Resolution	600 dpi
Output Resolution	100 / 150 / 200 / 240 / 300 / 400 / 600 dpi
Illumination	White LEDs
Maximum Document Width	304.8 mm
Long Document Mode Length	Up to 4.8m
Minimum Document Size	63.5 mm x 63.5 mm
Paper Thickness and Weight	With standard feeder: 45 g/m^2 bond to 200 g/m^2 index With ultra-lightweight feeder accessory: 25 g/m^2 rice paper to 75 g/m^2 bond
Feeder/Elevator	Automatic 750-sheet elevator design; automatic document feeder with four settings: continuous feed, 100-sheet, 250-sheet, 500-sheet and full 750-sheet batches
Multi-feed Detection	5 independent ultrasonic zones
Connectivity	USB 2.0
Interface Support	**TWAIN, ISIS** and **WIA** drivers, **Kofax** certified
Features in the Scanner	Perfect Page Technology, streak filter, controlled stacking, iThresholding, automatic colour detection, autocrop, hole fill, image edge fill, aggressive crop, deskew, content-based blank page detection and deletion, multi-colour dropout, dual-stream scanning, automatic orientation now with defaults, colour on the fly toggle patch, operator overrides
Output Compression	CCITT Group IV; JPEG or uncompressed output
Warranty*	12 months on-site, up to 3 business days response time
Warranty Enhancement**	36 months PerformancePlus on-site, 8 hrs response, consumables included
Electrical Requirements	100-240 V (international), 50/60 Hz
Power Consumption	Sleep mode < 4 watts; Running: 215 watts; Standby: < 1.0 watts
Environmental Factors	2009 **Energy Star** qualified scanners, 2008 EuP, proposed 2013 EuP
Acoustical Noise	Sound Power Level: Operating < 70 dB; off mode or ready mode < than 54 dB
Recommended PC Configuration	**Microsoft Windows** XP – P3 1 GHz, 1 GB RAM, USB 2.0; **Microsoft VISTA** – P4 1 GHz, 1 GB RAM, USB 2.0; **Microsoft Windows** 7 – P4 1 GHz, 2 GB RAM, USB 2.0
Supported Operating Systems	**Microsoft Windows** XP (32- and 64-bit); **Microsoft Windows Vista** (32- and 64-bit); **Microsoft Windows** 7 (32- and 64-bit)
Consumables Available	Feeder consumables kits, imaging guide set, printer ink cartridge and carrier, transport cleaning sheets, roller cleaning pads, printer ink blotters, **Staticide** Wipes, switchable black/white background
Accessories/Options	Enhanced Printer Accessory for **Kodak** Scanners, i5200 to i5600 upgrade, manual feed shelf, Document Extenders 66.04 cm, 76.02 cm and 86.36 cm
Dimensions	Height: 43.4 cm, Width: 69.3 cm, Depth: 51 cm with tray closed, 65.3 cm with tray open
Weight	57.6 kg

Specifications are subject to change without notice. Throughput speeds may vary depending on your choice of driver, application software, operating system and PC.

*There may be geographical limitations to the availability of Services. For full details please contact your Reseller of Kodak products or your local Kodak Service & Support organisation.

** Please see terms & conditions for PerformancePlus.

Kodak: single-source advantages

Kodak enables customers to capture and use valuable information from electronic and paper documents. Our document imaging solutions include award-winning scanners and capture software, and industry-leading service and support. From small offices to global operations, Kodak has the right solution to feed your business the information it needs.

Perfect Page   **Go Pro**   **Kodak Service & Support**   **energy ENERGY STAR**

To learn more:
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