Avoid technology lock-in

The InfoPrint® 5000 General Production Platform (GP) is a key member of the InfoPrint 5000 continuous form, inkjet printer family, which offers color, monochrome and MICR capabilities at a range of speeds. The InfoPrint 5000 provides transactional printers, commercial printers, book printers and direct mailers with investment protection through platform interoperability, operating flexibility and ongoing product enhancements that are available to all InfoPrint 5000 customers. You can configure platforms and models with each other to run diverse applications and optimize productivity.

The InfoPrint 5000 platforms are built with the same core technology but address different application and volume requirements. All are designed to conserve energy, produce superb quality, maximize productivity, offer an array of ink/fluid choices and work with multiple data streams.

The GP models are fully compliant with Interchange Set/3 (IS/3) standards. This means that in multivendor environments, IS/3-compliant applications generated by Advanced Function Presentation™ (AFP™) datastreams are printed correctly. IS/3 standards cover process and spot colors, International Color Consortium-based color management, industry-standard image formats and more.
InfoPrint 5000 General Production Platform (GP)

Expand color offerings with confidence
The InfoPrint 5000 GP is designed as a midrange volume solution for environments with varying requirements that may include tight print windows, diverse media and stringent color quality.

The GP models support a range of speeds, and all are field upgradeable. Track operational aspects of the InfoPrint 5000 through powerful tools such as InfoPrint Productivity Tracker and InfoPrint Ink Suite, a set of ink management tools. Expand color possibilities with PANTONE® PLUS certification, and an ever-increasing range of supported media types.

The built-in AFP architecture, which is designed for high-speed printing, can provide accurate, consistent, device-independent output with page-level error recovery for monochrome and color output.

Customize your solution with MICR
Opt for integrated or on-demand MICR with color or monochrome, available from innovative model pairings of specific GP and InfoPrint 5000 Multi-Purpose Platform (MP) models. One configuration provides on-demand MICR with color in Adobe® PDF/PostScript® environments, using a new feature for specified color support. Another configuration provides monochrome with On-Demand MICR in AFP environments, using the Intelligent Printer Data Stream™ (IPDS™), in a compact footprint that delivers very high throughput.

Another configuration combines two GP color engines and a third engine, such as the InfoPrint 5000 MP MICR. This space-optimizing U configuration features face-to-face displays to maximize operator convenience.

Broaden media handling capability
GP models support high throughput with excellent media handling capabilities. Many stocks can be run at 96 meters per minute, instead of a lower speed, as a result of adjustments in ink drying time.

Some specialty papers that are heavy, light, treated or coated may need extra drying time. For these jobs, consider adding the optional Extended Media Dryer feature. With this field upgrade, you can attract new clients who are looking for high-quality digital book production, customer communications, Precision Marketing, direct mail and other applications. The Extended Media Dryer feature works with printers using pigment or dye inks, so customers using either ink can diversify offerings and meet a wide range of requirements.

The Extended Media Dryer feature minimizes energy consumption in two ways. InfoPrint 5000 inks contain less water than many other inks so less energy is required to remove moisture. In addition, the dryer runs in on-demand mode for special applications and media types, unlike dryers that run full time for all papers.

Produce outstanding halftones
Images and grayscales in complex jobs, like books, can pose a quality challenge, especially when light tints are involved. Enhanced halftones on the GP KM3 monochrome model improve halftone quality while the printer is running at top speed.
### InfoPrint 5000 General Production Platform (GP)

- **AS1**: Full-color simplex printing up to 210 feet/min or 64 meters/min. Available with integrated MICR.
- **AS3**: Full-color simplex printing up to 420 feet/min or 128 meters/min.
- **AD1/AD2**: Full-color printing up to 210 feet/min or 64 meters/min.
- **AD3/AD4**: Full-color printing up to 420 feet/min or 128 meters/min with on-demand MICR.
- **KM3/MD4**: Monochrome printing up to 420 feet/min or 128 meters/min with on-demand MICR.

- General production platform with field-upgradeable speed.
- Optional integrated and on-demand MICR.
- Accommodates diverse applications from books to bills.
- GP models AD1/AD2 and AD3/AD4 support face-to-face "U" configuration, which saves floor space and enables easy operator access to printer displays.
- GP models AD1/2 and AD3/4 (at speeds up to 210 feet/min) support the Extended Media Dryer feature, which enables the use of heavier, lighter, treated and coated stocks with pigment and dye inks.
- Enhanced halftones on GP model KM3, excluding MICR.

### InfoPrint 5000 Multi-Purpose Platform (MP)

- **MC1/MC2**: Full-color printing up to 210 feet/min or 64 meters/min.
- **MD3/MD4**: Monochrome printing up to 420 feet/min or 128 meters/min.
- **XR3**: On-demand MICR printing up to 420 feet/min or 128 meters/min.

- Multi-purpose platform designed to ease the transition to inkjet technology.
- Monochrome and MICR with option to convert to full color.
- Choice of configurations and fluids that can be changed in the future.
- Enhanced halftones on MP models MD3/MD4.

### InfoPrint 5000 Volume Platform (VP)

- **VP Color VC5/VC6**: Full-color printing up to 492 feet/min or 150 meters/min.
- **VP Color VC7/VC8**: Full-color printing up to 722 feet/min or 220 meters/min.

- Very high-volume platform for transactional and commercial applications.
- Leverages proven, leadership production inkjet technology.
- Compact, simple design with superb print quality.

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### InfoPrint 5000 General Production Platform (GP) at a glance

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<thead>
<tr>
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<th>InfoPrint 5000 GP</th>
<th>InfoPrint 5000 MP</th>
<th>InfoPrint 5000 VP</th>
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<tr>
<td><strong>Models</strong></td>
<td>AS1</td>
<td>MC1/MC2</td>
<td>VP Color VC5/VC6</td>
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<td></td>
<td>AS3</td>
<td>MD3/MD4</td>
<td>VP Color VC7/VC8</td>
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<tr>
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<td>XR3</td>
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<tr>
<td><strong>Speed</strong></td>
<td>Up to 420 feet/min, 128 meters/min</td>
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<td>Up to 722 feet/min, 220 meters/min</td>
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<tr>
<td><strong>2-up Duplex Throughput</strong></td>
<td>Up to 1,832 ltr imps/min 1,724 A4 imps/min</td>
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<td>Up to 3,148 ltr imps/min 2,960 A4 imps/min</td>
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<tr>
<td><strong>Maximum Resolution</strong></td>
<td>720 x 720 dpi</td>
<td>720 x 360 dpi</td>
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<tr>
<td><strong>Exclusive Imaging Technology</strong></td>
<td>2 bits per spot Stochastic screening, 1,440 dpi effective resolution Dynamic variable drop size for every point on a page</td>
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<td><strong>Compatible Inks</strong></td>
<td>CMYK pigment, CMYK dye, MICR</td>
<td>CMYK dye, MICR</td>
<td>CMYK dye</td>
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<td><strong>Finishing</strong></td>
<td>Multiple partners provide a variety of unwind, rewind, cut, fold, dynamic perforation, vision systems and inline processing, including a solution for books</td>
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<td><strong>Web Width</strong></td>
<td>6.4 in./165 mm to 20.4 in./520 mm paper</td>
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<td><strong>Supported Configurations</strong></td>
<td>All models support I and L configurations AD1/AD2 and AD3/AD4 also support U (face-to-face) configuration, with two GP engines or with two GP engines and a third engine, such as MICR</td>
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For more information

To learn more about the InfoPrint 5000 family, contact your Ricoh production print specialist or visit: infoprint.com