xerox ®

General Integrity System for Healthcare
Safeguard Patient Information

Whether you're a healthcare provider print center or a payer company printing invoices or Explanation of Benefits (EOBs), you know that maintaining a high standard of integrity for patients' sensitive information is key to your overall success.

Sensitive documents like statements and EOBs or other transactional documents containing personal or private information must be error-free to meet privacy, audit or regulatory compliance requirements. You may require page, set or job level integrity to ensure each patient's health information is kept separate from others, to comply with HIPAA or other regulations. You may also want a proper audit trail of what was printed for accounting and billing purposes. In addition, if a discrepancy such as a missing or duplicate page occurs, locating it sooner rather than later generally makes it easier and cheaper to resolve.

Previously, application-specific integrity systems have been expensive and time-consuming to implement because of the need for customized elements. If you're like many customers, you may need more than an "off-the-shelf" solution provides but you may also be unable to afford the time or financial investment for a completely one-off solution. The General Integrity System helps bridge this gap between off-the-shelf and completely customized integrity solutions. By combining base hardware and software components with some customized components, the result is a solution that meets your unique requirements at an affordable price.

Customizable elements include the type of reader used, the location on the page of symbols or codes to be read and the manipulation of the data that is captured by the reader(s). Common business logic or unique rules can be applied to the data to meet your integrity requirements.

General Integrity System for Xerox Nuvera® EA/MX Production Systems and Xerox Nuvera® EA/MX Perfecting Production Systems

Meeting Your Diverse Application Needs

The General Integrity System can be used for many purposes such as validating page sequence within sets, verifying the stock is correct or providing an audit trail. With today's mandates for the protection of personal information, it's especially critical to maintain the integrity of printed healthcare materials. Documents such as statements, lab reports and medical bills must contain the correct information for the recipient and only that information.

- Stock Verification ensures that each page of variable data is printed on the correct pre-printed form.
  - Can match a pre-printed barcode to a printed one or compare a pre-printed barcode to information (the expected value) that is embedded in the data stream.
- Sequence Verification validates that pages are in the correct order, and there are no duplicates or missing pages.
  - Basic Sequence Verification ensures a printed number increments by one, from one sheet to the next for the entire job.
  - Advanced Sequence Verification accounts for pages within a set, defined by document or account number (for example, a doctor's office bill or a personalized health profile from an insurance company).
- Imposition Verification checks that any two marks on a sheet are the same, that is, the last page of Patient A's statement is not attached to the first page of Patient B's statement.
- Audit Trail Verification records the pages printed. A unique code printed on every page is captured by the reader system and is recorded in a local system database. You can also extract this data using additional tools.

Besides collecting information about the page content, General Integrity can also track the disposition of pages after they are printed. If a code is missing or has the wrong value, or an incorrect stock has been fed, General Integrity can stop the printer or alert the operator to the error based on your instructions.

Configuration Options

- Multiple readers for the same sheet (front and back) or same side
- Readers support traditional barcodes, OCR and 2-D symbologies such as Data Matrix
- Conditional Logic (for special requirements)
- Error handling
- Data export

The General Integrity System is available for the Xerox Nuvera® 100/120/144 EA/MX and 157 EA Production Systems and Xerox Nuvera® 200/288 EA/MX and 314 EA Perfecting Production Systems. It is also available for Xerox® DocuPrint® 1XX printers as well as the Xerox® DocuTech® HighLight Color System (High Capacity Stacking configuration only).

Certain applications, such as check printing, have standard integrity requirements that apply when you're printing refunds or insurance reimbursements. For these integrity needs, a specific solution called Check Production Integrity is available. The General Integrity System addresses integrity for non-check applications.

Let us show you how we can help you achieve your goals! For more information, contact your Xerox Production Customization (XSIS) Representative or go to http://www.xerox.com/customization