

Xerox Nuvera 100/120/144 MX
Production System and
Xerox Nuvera 200/288 MX
Perfecting Production System
Check Production Integrity



Check Production Integrity (CPI) For Xerox Nuvera[®] MICR Printers Because You're Printing Money



Could you use automated, tighter, more reliable internal controls?

In today's financial climate with growing internal and external scrutiny, it's hard not to worry about check duplication or theft of printed or blank checks.

That's why most public accounting firms expect you to tighten internal controls on a regular basis. And it's why our Check Production Integrity incorporates three components to help control your documents: Media Log, Print Validation and Resource Security.

Media Log accounts for your documents... and your success

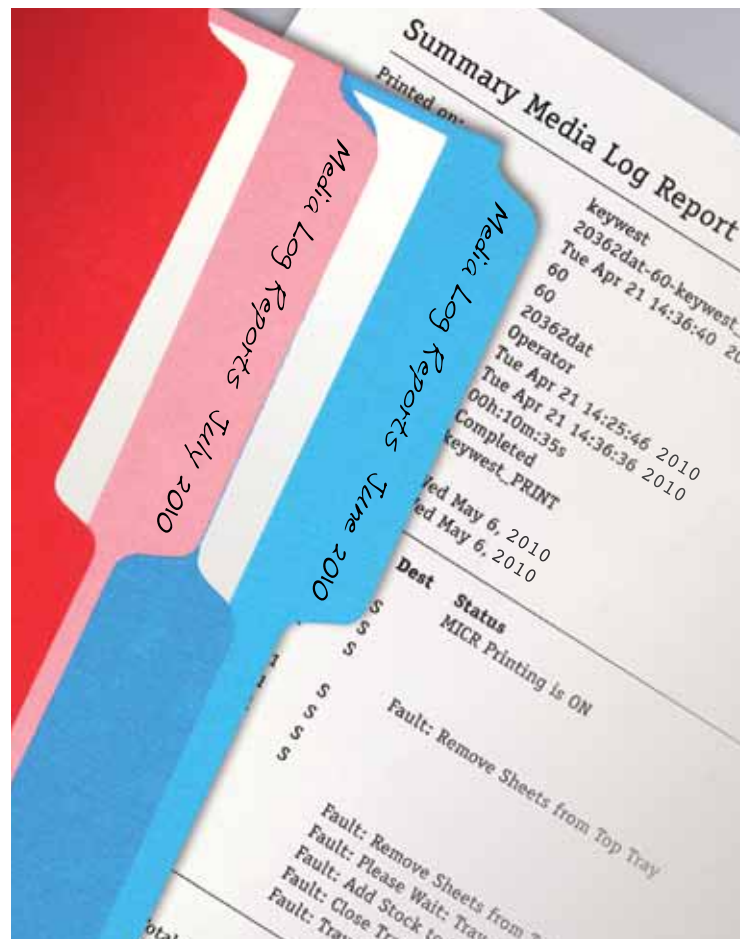
With our Media Log component, your print room and internal auditing departments can easily track paper stock from the time the printer feeds the sheets to their subsequent disposition. This provides you with enormous financial controls:

- Ensures you can physically account for all sheets of paper fed into the printer.
- Contributes to efficient and secure stock utilization and management.
- Saves costs by identifying sources of waste and loss.
- Collects data on a continuous basis with no impact on printer throughput or job schedules.

Media Log Reports

Media Log generates complete reports that make it easy for you to account for every piece of paper. The reports reconcile input from all "sources" with output to all "destinations"—whether delivered to a stacker (valid output), the top tray or an inline finisher or removed from the paper path. You can output Media Log Summary Reports on the printer and/or in comma delimited text files, which you may then import to a spreadsheet or another data analysis tool. You can also print a Full Report with detailed information about each page fed.

- Job information including start and finish times on each printer.
- Total number of spoiled sheets—which may be negotiable documents—that your operators remove because of jams or that are routed to the top tray.
- Feeding and destination summaries: Where stock was pulled, where sheets were delivered and total pages fed.
- Sample output produced (if not disabled)—is reported as routed to the top tray.



Print Validation tracks individual checks... and keeps your counts accurate

Our exclusive Print Validation component gives you the ability to tie the total number of checks in a run to the expected number—and to uniquely identify each check delivered as valid output. Then you can use the data captured—such as account and serial/warrant numbers—to generate the Print Validation content in the Media Log.

Print Validation comes with several options. You can customize a solution based on your tracking and auditing requirements. You can even order Media Log without Print Validation (but most of our customers choose to use the full Check Production Integrity solution). And you can choose whether to configure Print Validation as Magnetic Ink Character Recognition (MICR) Print Validation or Bar Code Print Validation. We've provided brief descriptions of each configuration below:

MICR Print Validation

MICR Print Validation gives you the power to capture every printed MICR line. You won't have to modify the application by adding bar codes to identify each check, because the tracking information is the same whether the data stream is IPDS, LCDS, PostScript® or PCL. If your serial/warrant numbers are printed in sequence, MICR Print Validation will alert you when a number is duplicated, missing or out of order. It will even cycle down the printer so your operator can address the problem. Here are more benefits of this Print Validation configuration.

- Lists all checks printed by job.
- MICR line can be positioned in any of the typical locations.
- Reports when checks are in the wrong sequence.
- Stops printer if sequence error.
- Data stream independent: works with IPDS, PostScript/VIPP®, LCDS/Metacode and PCL jobs.
- Lets your supervisor specify which read errors to ignore and which should trigger a cycle down.
- Can read and record preprinted MICR line.
- Adds summary and detail data to Media Log reports.

Resource Security also allows you to implement password authentication at either the individual (local) printer or the network server (NIS) level. Plus, we offer a remote GUI feature called FreeFlow Remote Print Server that lets your supervisors log in from remote locations to authorize (decrypt) resources so operators can run check jobs.



Bar Code Print Validation

If you've already implemented the Print Assurance feature on your legacy Xerox® LPS printer, Bar Code Print Validation allows you to migrate to a Xerox Nuvera® MX Production System and/or Xerox Nuvera MX Perfecting Production System without modifying your jobs. Bar codes, which are printed only on certain pages (usually checks), are scanned as specified in the data stream and Bar Code Print Validation verifies that pages are printed in the expected order.

Bar Code Print Validation:

- Detects duplicate pages and makes sure they are not classified as valid output.
- Detects when pages are missing and cycles the printer down.
- Allows you to process BTEXT commands in an LCDS data stream so you can record the dollar amount associated with a sequence number (page) and reconcile the sum of the individual check amounts with the expected amount for a given job.
- If BTEXT commands are not used, Automatic Mode can provide similar validation.

PostScript jobs can also be processed using Bar Code Print Validation if they comply with required specifications.

Resource Security adds another layer of protection

The Resource Security component of our Check Production Integrity supports password protection of LCDS/Metacode, PostScript and PCL resources necessary for check printing—like the E-13B MICR font, logos and signatures—and saves them in an encrypted form when not in use. With Resource Security, you can assign each of your supervisors a unique password, so if you hire or terminate a supervisor, you only need to update his or her access permissions to maintain security.

When your success depends on 100% accountability...

Xerox® Check Production Integrity can help you safeguard your check printing process. Which means never having to tell your auditor why you're one check short.

General Specifications

Media Log and Print Validation run on Xerox® FreeFlow® Print Server.

Printers supported: Xerox Nuvera® 100/120/144 MX Production System, Xerox Nuvera® 200/288 MX Perfecting Production System and DocuPrint® 100, 115, 135, 155 and 180 MX.

Media Log Specifications

Tracking software procedures:

- The logging software is always on.
- The operator or auditor runs the Media Log Reporter software to generate and print the reports for the relevant jobs.
- Job data is purged when the period set by the system administrator has expired.

MICR Print Validation Specifications

- Logging software can be set up to be activated only for dedicated queue(s).
- MICR line reader can be moved between jobs to accommodate checks positioned at the top or bottom section of the sheet.
- Maximum of one check per sheet on letter-sized paper.
- MICR line must be in portrait orientation (parallel to 8.5" edge of letter-sized sheet).
- Uses a camera to optically decode E-13B characters (no MICR quality checking).

Resource Security Specifications

- Encrypts LCDS/Metacode, PostScript® or PCL resources.
- Decrypted resources are accessible only while an authorized user is logged on and then encrypted again upon logout.
- The system will fault (or substitute a font with PCL) if an operator tries to run a job that calls for check resources that are still encrypted.

Specifications are subject to change without notice.



Xerox Nuvera® 288 MX Perfecting Production System



Xerox Nuvera® 120 MX Production System

For more information on Xerox Special Information Systems, call 1-888-65-ASK-XSIS.

