

**LASERTEC**

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# **iSeries-AS/400 MICR Check Printing: Infinium**



## **Products**

- iSeries-AS/400 MICR Software: Infinium
- HP LaserJet 4250/4350/2430 Network Printers
- MICR Security Card for Check Printing
- High Quality MICR Toner
- Software Maintenance

**Date: 8/12/2008**

## Complete Infinium Solution

### Make a Strategic Investment

Developing the best AS/400 MICR Printing System for your Infinium application is a strategic investment. There are many things to consider before you identify what's best for your company. Once you've identified a system, you must commit to a solution and implement it. Many times you'll need guidance and assistance in the decision, product selection and implementation.

### Find the type of service you can trust

We are committed to helping you achieve the highest levels of productivity through the implementation of our products. Our services typically began with a consulting conference call to identify your needs. If you've already defined them we can jump right into implementation phase and have your MICR printing application on-line quickly.



### Insist on a turnkey solution

Our solution is turnkey and designed to work seamlessly with your existing application. Why pay a premium for a solution only to find you have to spend countless hours designing forms, mapping data fields and modifying programs. With Lasertec, you'll be able to print laser checks right away, because everything is done for you professionally and on time.

### Choose a system that's right for you

With Lasertec, you'll always pay the lowest price for the system that's right for you. You can buy a new printer or simply let us upgrade your existing laser printer into a secure, high quality, MICR check printer. So make a decision today and discover how Lasertec makes MICR printing easy.

## Why LASERTEC?

	LASERTEC	OTHERS
SEAMLESS INFINIUM P/L, PAYROLL AND DIRECT DEPOSIT INTEGRATION	YES	?
MAINTAINS INFINIUM SECURITY DURING THE ENTIRE CHECK PROCESS	YES	?
ALLOWS USERS TO PRINT CHECKS ENTIRELY WITHIN THEIR P/L OR PAYROLL ENVIRONMENT	YES	?
TURNKEY INFINIUM SOLUTION, USUALLY REQUIRES LESS THAN 2 HRS TO IMPLEMENT	YES	?
PRICE INCLUDES FORM DESIGN, DATA MAPPING AND SIGNATURE/LOGO MACROS	YES	?
AUTOMATICALLY CONTROLS SIGNATURES BASED ON CHECK AMOUNT AND ACCOUNT CODE	YES	?
PRINTS SIGNATURE AND SECOND LINE FOR CHECK AMOUNT OVER/UNDER APPROVAL	YES	?
REQUIRES NO PROPRIETARY SOFTWARE, USES STANDARD AS/400 TOOLS	YES	?
SIGNATURE/LOGO CARTRIDGES, MEMORY MODULES AND SOFT FONTS CREATED IN-HOUSE	YES	?
PROVIDES SOURCE CODE FOR EASY APPLICATION DEVELOPMENT	YES	?
WORK WITH MOST HEWLETT-PACKARD LASERJET NETWORK PRINTERS	YES	?
AUTOMATICALLY OUTPUTS CHECKS TO MULTIPLE PRINTERS	YES	?
CHOICE OF LASER CHECK FORMATS (Z-FOLD, PRESSURE SEAL, ETC.)	YES	?
COMPLETE SOFTWARE IMPLEMENTATION FOR LESS THAN \$3,800	YES	?

# Annual Check Cost Comparison (200/Week)

	PREPRINTED	MICR
PREPRINTED 2-PART CHECK STOCK (10,400 @ \$.08 PER CHECK)	\$832.00	
BLANK CHECK STOCK (10,400 @ \$.025 PER CHECK)		\$260.00
LINE UP VOIDS @ 4% OF FORM COST (CHECK ALIGNMENT AND OVERRUNS)	\$33.00	
CHECK DESTRUCTION @ 2% OF FORM COST (CHECK BREAKS, JAMS, OBSOLESCE, ETC.)	\$16.00	
OTHER CHECK EXPENSES @ 5% OF FORM COST (STORAGE, SECURITY, INTERNAL AUDIT)	\$42.00	
AVERAGE ANNUAL LINE PRINTER MAINTENANCE CONTRACT	\$200.00	
AVERAGE ANNUAL LASER PRINTER MAINTENANCE CONTRACT		\$175.00
LINE PRINTER RIBBONS (10 @ \$20.00 EACH)	\$200.00	
MICR TONER FOR LASER PRINTER (10,400 @ .025 PER CHECK)		\$260.00
CHECK SIGNING MACHINE MAINTENANCE	\$300.00	
MANAGEMENT: 2 HRS/WEEK \$20.00 HR (RELEASE FORMS, AUTHORIZATIONS, ETC.)	\$2,080.00	
STAFF: 8 HRS/WEEK @ \$10.00 HR (PRINTER SETUP, BURSTING, DECOLLATING, ETC.)	\$4,160.00	
STAFF: 2 HRS /WEEK @ \$10.00 HR.)		\$1,040.00
AMORTIZED ACQUISITION COST (\$3,500.00 AMORTIZED OVER 5 YEARS)		\$700.00
TOTAL ANNUAL CHECK PRINTING COST	\$7,863.00	\$2,435.00
TOTAL ANNUAL SAVINGS WITH MICR CHECKS		\$5,425.00
<b>TOTAL 5-YEAR SAVINGS WITH MICR CHECKS</b>		<b>\$27,125.00</b>
CHECK PRINTING COST PER CHECK	\$0.75	\$0.23

## iSeries-AS/400 MICR Software: Infinium

- Works Seamlessly with Infinium P/L and Payroll
- Prints Checks on Blank Check Stock
- Prints from Multiple Banks and Companies
- Provides Duplicate File Copy Printing
- Provides Reprint and Restart Capability



### Product Overview:

Lasertec's AS/400 MICR Software for Infinium is a turnkey, AS/400 based solution that can reduce the time and costs of processing, approving, printing, and distributing checks.

**Check Processing Program (CL)**

CL program captures spooled checks, sets printer attributes and calls RPG program.

**Check Printing Program (RPG)**

RPG program reads spooled checks, merges data with form overlay macros and PCL commands to produce laser checks.

**Form Overlay Macros (HP-PCL)**

HP-PCL is Hewlett-Packard's Printer Control Language. These source members are not compiled. They are downloaded to the printer, usually at first record time. Form overlay macros are used for fixed or repetitive portions of each form and are loaded to printer only once then executed when needed.

**Check Information File (DFU)**

Contains account number, company name and address, bank name and address, logo and signature control, routing symbols and transit numbers. This file is keyed by SYSTEM CODE PL= Payables Ledger, PR = Payroll, Company, Division, Bank and Account Codes.

**Host Transform Table (HTE)**

Workstation customizing object for check printing. Designed for outputting checks to a network attached IP addressable printer. Converts IBM-SCS to HP-PCL.

**Delivery & Guarantee**

Delivery typically within two weeks. Installation support, all source code and documentation included. 100% satisfaction guarantee.

## HP LaserJet P4015 Network Printer

- Fast 52 Pages-Per-Minute
- 100% MICR Check Printing Compatible
- USB Drive for Securing Logos & Signatures
- Flexible Paper Handling Options
- JetDirect Gigabit Ethernet Network Card



### Product Overview:

The HP LaserJet P4015N printer is ultra-fast laser printing with security features, networking, upgrade options and management tools

#### Product Specifications:

<b>Pages Per Minute</b>	52 PPM
<b>Print Colors</b>	Black & White
<b>Processor</b>	540 MHz
<b>Maximum Resolution</b>	1200 x 1200 DPI
<b>Paper Path</b>	Bottom
<b>Resolution Technology</b>	FastRes 1200
<b>Print Languages Standard</b>	HP PCL 6, PCL 5e, and Postscript Level 3 Emulation
<b>Standard Paper Trays</b>	Up to 600 sheets (Multipurpose Tray: up to 100 sheets; Tray 2:

## HP LaserJet P4515 Network Printer

- Fast 62 Pages-Per-Minute
- 100% MICR Check Printing Compatible
- USB Drive for Securing Logos & Signatures
- Flexible Paper Handling Options
- JetDirect Gigabit Ethernet Network Card



### Product Overview:

HP LaserJet P4515N printer is ideal for workgroups that need a high-speed laser printer with security features and upgrade options.

#### Product Specifications:

<b>Pages Per Minute</b>	62 PPM
<b>Print Colors</b>	Black & White
<b>Processor</b>	540 MHz
<b>Maximum Resolution</b>	1200 x 1200 DPI
<b>Paper Path</b>	Bottom
<b>Resolution Technology</b>	FastRes 1200
<b>Print Languages Standard</b>	HP PCL 6, PCL 5e, and Postscript Level 3 Emulation
<b>Standard Paper Trays</b>	Up to 600 sheets (Multipurpose Tray: up to 100 sheets; Tray 2:

## HP LaserJet P3005N Network Printer

- Fast 35 Pages-Per-Minute
- 100% MICR Check Printing Compatible
- USB Drive for Securing Logos & Signatures
- Flexible Paper Handling Options
- JetDirect Fast Ethernet IP Network Card



### Product Overview:

The HP LaserJet P3005N printer is an easy to use, cost effective, reliable laser printer for small work groups. The HP P3005N includes an HP JetDirect Fast Ethernet print server embedded on the device formatter board, which leaves the EIO slot open for more connectivity options.

#### Product Specifications:

<b>Pages Per Minute</b>	35 PPM
<b>Print Colors</b>	Black & White
<b>Processor</b>	400 MHz
<b>Maximum Resolution</b>	1200 x 1200 DPI
<b>Paper Path</b>	Bottom
<b>Resolution Technology</b>	FastRes 1200
<b>Print Languages Standard</b>	HP PCL 6, PCL 5e, and Postscript Level 3 Emulation
<b>Standard Paper Trays</b>	Up to 600 sheets (Multipurpose Tray: up to 100 sheets; Tray 2:




# Print Checks on Blank Check Stock and Save

Save up to 75% by printing the entire check, including logo, signature, MICR line and all variable data completely on blank check stock

Turnkey implementation for outputting checks to 81/12x11 cut sheet blank check stock.

<b>LASERTEC</b> 8455 Kirk Drive Colorado Springs, CO 80908 Regular Payroll 800/400-3140			PERIOD BEGIN: 7/01/1996 PERIOD END: 7/14/1996 CHECK DATE: 7/23/1996 EMPLOYEE: 072800074 UNIT: 00927			<b>NO. 00049902</b>																																															
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<b>LASERTEC</b> 8455 Kirk Drive Colorado Springs, CO 80908		12-147/1258 FIRST NATIONAL BANK OF IOWA 4321 MAIN STREET KINGS HARBOR, IOWA 51247		<b>NO. 00049902</b>	
DATE 7/23/1996		AMOUNT \$****1,116.63			
PAY ONE THOUSAND ONE HUNDRED SIXTEEN DOLLARS 63 CENTS					
TO THE ORDER OF JOE EMPLOYEE 11244 SECOND STREET BELMONT, CA 90802		VOID IF NOT CASHED IN 60 DAYS  AUTHORIZED SIGNATURE			
@00049902# @076800432# @90820040?L#					

Sample Infinium payroll check. Lasertec will customize your check to fit your requirements.

Print one or more conditional signatures on each check, or sign them manually

Printing and distributing your Infinium payables ledger and payroll checks can be one of the most time consuming clerical tasks your company performs on a regular basis. Don't let the labor-intensive process normally associated with preprinted checks you money.

**LASERTEC**  
8455 Kirk Drive  
Colorado Springs, CO 80908

CHECK DATE: 1/04/1998  
PAID TO: 420 XYZ COMPANY

**NO. 00094902**

INVOICE		GROSS	DISCOUNT	AMOUNT PAID
12/03/1997	5960	604.69		604.69
12/03/1997	5959	756.89		756.89
*TOTALS ...		1,361.58		1,361.58

Please detach and retain this statement.



Sample Infinium MICR Check

12-147/1258 FNB  
First National Bank & Trust Co.  
12345 West Commerce Street  
Anyplace, US 12345

**NO. 00094902**  
**Non-Negotiable**

DATE: 1/04/1998  
AMOUNT: \$\*\*\*\*\*1,361.58

**Pay** One Thousand Three Hundred Sixty-One and 58/100 Dollars

To the order of

**XYZ Company**  
11244 Second Street  
PO Box 3349  
Belmont, CA 90802

Two signatures required over \$2,500.00.

⑈00094902⑈ ⑆076800432⑆ ⑈908200407⑈

**LASERTEC**8455 Kirk Drive  
Colorado Springs, CO 80908  
Regular Payroll  
800/400-3140

PERIOD BEGIN: 7/01/1996

PERIOD END: 7/14/1996

CHECK DATE: 7/23/1996

EMPLOYEE: 572806074 UNIT: 00927

**NO. 00049902**

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