**2D barcode updates**

Objective:

1. Update 2D barcodes to generate vector instead of raster 2D.
2. Append a 2digit perf recipe code at the end of the page-2d

Old:

CREATEOBJECT DATAMATX(DATAM)

POSITION (INCH(&THOR\_POS)) (INCH(&TVER\_POS))

PARAMETERS

('CELLDIMENSION'='2')

('FONTNAME'='X0DM6X6')

('STRINGTOBECODED'=2D\_BAR);

IF INCH(&PAGE2D\_HOR)<> '' AND INCH(&PAGE2D\_VER)<> '' ;

THEN ;

CREATEOBJECT DATAMATX(DATAM)

POSITION (INCH(&PAGE2D\_HOR)) (INCH(&PAGE2D\_VER))

PARAMETERS

('CELLDIMENSION'='2')

('FONTNAME'='X0DM4X4')

('STRINGTOBECODED'=&SEQ\_NUM!RIGHT(&CURR\_PGCOUNT,4,'0')!

ACT\_PGCOUNT\_FOR!&PP1);

ELSE ;

CREATEOBJECT DATAMATX(DATAM)

POSITION 0.15 10.5

PARAMETERS

('CELLDIMENSION'='2')

('FONTNAME'='X0DM4X4')

('STRINGTOBECODED'=&SEQ\_NUM!RIGHT(&CURR\_PGCOUNT,4,'0')!

ACT\_PGCOUNT\_FOR!&PP1);

ENDIF ;

New:

CREATEOBJECT DATAMATX(DATAM)^M

POSITION (INCH(&THOR\_POS)) (INCH(&TVER\_POS)) ^M

PARAMETERS^M

('CELLDIMENSION'='6')^M

('EBC2ASCIIFORBCOCA'='1')^M

('OUTPUTTYPE'='2')^M

('STRINGTOBECODED'=2D\_BAR);^M

IF INCH(&PAGE2D\_HOR)<> '' AND INCH(&PAGE2D\_VER)<> '' ;^M

THEN ;^M

CREATEOBJECT DATAMATX(DATAM)^M

POSITION (INCH(&PAGE2D\_HOR)) (INCH(&PAGE2D\_VER)) ^M

PARAMETERS^M

('CELLDIMENSION'='4')^M

('EBC2ASCIIFORBCOCA'='1')^M

('OUTPUTTYPE'='2')^M

('STRINGTOBECODED'=&SEQ\_NUM!RIGHT(&CURR\_PGCOUNT,4,'0')!^M

ACT\_PGCOUNT\_FOR!&PP1!&PP1\_RECIPE\_CODE);^M

ELSE ;^M

CREATEOBJECT DATAMATX(DATAM)^M

POSITION 0.15 10.5 ^M

PARAMETERS^M

('CELLDIMENSION'='4')^M

('EBC2ASCIIFORBCOCA'='1')^M

('OUTPUTTYPE'='2')^M

('STRINGTOBECODED'=&SEQ\_NUM!RIGHT(&CURR\_PGCOUNT,4,'0')!^M

ACT\_PGCOUNT\_FOR!&PP1!&PP1\_RECIPE\_CODE);^M

ENDIF ;^M

DOCFORMAT $\_BEFOREFIRSTDOC;

…

…

USE^M

FORMAT PP\_RECIPE\_CODE EXTERNAL ;^M

PP\_RECIPE\_CODE:

/\* CODESRC : 850 \*/

IF EXIST(&PP1) ;

THEN ;

TEMP\_PP = &PP1 ;

USE

FORMAT ASSIGN\_RECIPE\_CODE EXTERNAL ;

&PP1\_RECIPE\_CODE = TEMP\_RECIPE\_CODE ;

ENDIF ;

IF EXIST(&PP2) ;

THEN ;

TEMP\_PP = &PP2 ;

USE

FORMAT ASSIGN\_RECIPE\_CODE EXTERNAL ;

&PP2\_RECIPE\_CODE = TEMP\_RECIPE\_CODE ;

ENDIF ;

IF EXIST(&PP3) ;

THEN ;

TEMP\_PP = &PP3 ;

USE

FORMAT ASSIGN\_RECIPE\_CODE EXTERNAL ;

&PP3\_RECIPE\_CODE = TEMP\_RECIPE\_CODE ;

ENDIF ;

IF EXIST(&PP4) ;

THEN ;

TEMP\_PP = &PP4 ;

USE

FORMAT ASSIGN\_RECIPE\_CODE EXTERNAL ;

&PP4\_RECIPE\_CODE = TEMP\_RECIPE\_CODE ;

ENDIF ;

ASSIGN\_RECIPE\_CODE:

/\* CODESRC : 850 \*/

\_SELECT 1 ;

\_CASE TEMP\_PP=='4000' OR TEMP\_PP=='4004' ;

TEMP\_RECIPE\_CODE = '00' ;

\_CASE TEMP\_PP=='4001' OR TEMP\_PP=='4008' OR TEMP\_PP=='3379' OR

TEMP\_PP=='3207' OR TEMP\_PP=='3077' OR TEMP\_PP=='3143' OR TEMP\_PP==

'3455' ;

TEMP\_RECIPE\_CODE = '01' ;

\_CASE TEMP\_PP=='4005' OR TEMP\_PP=='3475' OR TEMP\_PP=='3476' OR

TEMP\_PP=='3472' OR TEMP\_PP=='3477' OR TEMP\_PP=='3478' OR TEMP\_PP==

'3479' OR TEMP\_PP=='3480' ;

TEMP\_RECIPE\_CODE = '02' ;

\_CASE TEMP\_PP=='4006' ;

TEMP\_RECIPE\_CODE = '03' ;

\_CASE TEMP\_PP=='4007' ;

TEMP\_RECIPE\_CODE = '04' ;

\_CASE TEMP\_PP=='4229' ;

TEMP\_RECIPE\_CODE = '05' ;

\_CASE TEMP\_PP=='4354' ;

TEMP\_RECIPE\_CODE = '06' ;

\_CASE TEMP\_PP=='3160' ;

TEMP\_RECIPE\_CODE = '07' ;

\_CASE TEMP\_PP=='3004' ;

TEMP\_RECIPE\_CODE = '08' ;

\_CASE TEMP\_PP=='3459' OR TEMP\_PP=='3462' OR TEMP\_PP=='3440' OR

TEMP\_PP=='3437' OR TEMP\_PP=='3075' OR TEMP\_PP=='3193' OR TEMP\_PP==

'3199' OR TEMP\_PP=='3471' OR TEMP\_PP=='3388' OR TEMP\_PP=='3308' OR

TEMP\_PP=='3359' OR TEMP\_PP=='3072' OR TEMP\_PP=='3446' OR TEMP\_PP==

'3093' OR TEMP\_PP=='3447' OR TEMP\_PP=='3622' OR TEMP\_PP=='3255' OR

TEMP\_PP=='3140' OR TEMP\_PP=='3116' OR TEMP\_PP=='3007' OR TEMP\_PP==

'3070' OR TEMP\_PP=='3196' ;

TEMP\_RECIPE\_CODE = '09' ;

\_CASE TEMP\_PP=='3460' OR TEMP\_PP=='3033' OR TEMP\_PP=='3436' OR

TEMP\_PP=='3183' OR TEMP\_PP=='3113' OR TEMP\_PP=='3114' OR TEMP\_PP==

'3115' OR TEMP\_PP=='3286' OR TEMP\_PP=='3301' OR TEMP\_PP=='3302' OR

TEMP\_PP=='3071' OR TEMP\_PP=='3320' OR TEMP\_PP=='3278' OR TEMP\_PP==

'3315' OR TEMP\_PP=='3062' OR TEMP\_PP=='3415' OR TEMP\_PP=='3178' OR

TEMP\_PP=='3486' OR TEMP\_PP=='3110' OR TEMP\_PP=='3294' OR TEMP\_PP==

'3295' OR TEMP\_PP=='3139' OR TEMP\_PP=='3141' OR TEMP\_PP=='3123' OR

TEMP\_PP=='3350' OR TEMP\_PP=='3130' OR TEMP\_PP=='3131' OR TEMP\_PP==

'3416' OR TEMP\_PP=='3417' OR TEMP\_PP=='3441' OR TEMP\_PP=='3448' OR

TEMP\_PP=='3449' OR TEMP\_PP=='3450' ;

TEMP\_RECIPE\_CODE = '10' ;

\_CASE DEFAULT ;

TEMP\_RECIPE\_CODE = '00' ;

ENDSELECT ;

RECIPE CODES:

|  |  |
| --- | --- |
| **Perf Recipe** | **Description** |
| 00 | All 8.5 x 11 stock that do not require perf or 3hole, including House 4000 & 4004 |
| 01 | All 8.5 x 11 stock that require 3hole, including House 4001 and 4008 |
| 02 | All 8.5 x 11 stock that require 1-line perf at 3 2/3 inches from Bottom, including house 4005 |
| 03 | All 8.5 x 11 stock that require 2-line perf at 3 2/3 inches repeated, including house 4006 |
| 04 | All 8.5 x 11 stock that require 1-line perf at 3 2/3 inches from Top, including house 4007 |
| 05 | All 8.5 x 14 stock that require 1-line perf at 3.5 inches from Bottom |
| 06 | All 8.5 x 14 stock that do not require perf |
| 07 | All 8.5 x 11 stock that require top 1-line perf at 3.5 inches |
| 08 | All 8.5 x 11 stock that require 1-line perf at 3 inches from Bottom |
| 09 | All 8.5 x 11 stock that require 1-line perf at 3 5/8 inches from Bottom |
| 10 | All 8.5 x 11 stock that require 1-line perf at 3 5/8 inches from Top |

*A Recipe Code is used to let the finishing equipment know how to handle perforation and 3hole-punching on the sheet. It is a 2- digit code appended to the end of page-2d barcode.*