

Note Language: English

Version: 7 Validity: Valid Since 31.08.2009

**Summary****Symptom**

The company SATO is member of the SAP Printer Vendor program and offers within this program connection software support for the printer model / device type pairs listed below.

For general information about the SAP Printer Vendor program please check note 1130927.

The printer model / device type combinations are visible in the newest data version of the "device type wizard". Please read note 1036961 for a description how to use the device type wizard and how to select one of the combinations shown below.

The device types and device drivers are delivered by SATO at <http://www.satoworldwide.com/sapERP.html#smartforms>

An installation description can be found in note 1103422.

**Installation of the device driver:**

In order to use the device driver, the according framework needs to be available. Please check the SAP Note: 1097563 for the minimum releases, support packages and corrections.

**RFID Support:**

Some of the SATO printer models support RFID (GEN2) printing. Please refer to the descriptions of device types below for details. Additional information can be found in note 1256433.

Additional technical documentation on how to use the device driver and the device types can be found on the website shown above.

For technical support and bugs report, please contact:

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**More Terms**

SPAD , device type , SAP Printer Vendor program

**Cause and Prerequisites****Solution****Supported Printer model/ device type combinations:**

Consecutive Number	Printer Model	Device type
001	GT408e	YSTLTGT2

002	GT412e	YSTLTGT3
003	GT424e	YSTLTGT6
004	GT408e	YSTENGT2
005	GT412e	YSTENGT3
006	GT424e	YSTENGT6
007	SR408	YSTLTSR2
008	SR412	YSTLTSR3
009	SR424	YSTLTSR6
010	SR408	YSTENSR2
011	SR412	YSTENSR3
012	SR424	YSTENSR6
013	CL4/608e	YSTCPCL2
014	CL4/612e	YSTCPCL3
015	MR400e	YSTLTSR2
016	MR410e	YSTLTSR3
017	MR400e	YSTENSR2
018	MR410e	YSTENSR3
019	S8408	YSTLTGT2
020	S8412	YSTLTGT3
021	S8424	YSTLTGT6
022	S8408	YSTENGT2
023	S8412	YSTENGT3
024	S8424	YSTENGT6
025	LT408	YSTLTGT2
026	MB400i	YSTLTGT2
027	MB410i	YSTLTGT3
028	PT408e	YSTLTSR2
029	PT412e	YSTLTSR3
030	CT408i	YSTCPCL2
031	CT412i	YSTCPCL3
032	CT424i	YSTCPCL6
033	M-8459/60/85Se	YSTCPCL2
034	M-8465/90Se	YSTCPCL3
035	GL408e	YSTLTGL2
036	GL412e	YSTLTGL3
037	GL408e	YSTENGL2
038	GL412e	YSTENGL3
039	M10e	YSTCPCL3
040	M84-Pro2	YSTCPCL2
041	M84-Pro3	YSTCPCL3
042	M84-Pro6	YSTCPCL6
043	GT408e	YSTZHGT2
044	GT412e	YSTZHGT3
045	GT424e	YSTZHGT6
046	GT408e	YSTZFGT2
047	GT412e	YSTZFGT3
048	GT424e	YSTZFGT6
049	GT408e	YSTKOGT2
050	GT412e	YSTKOGT3
051	GT424e	YSTKOGT6
052	GL408e	YSTFUGL2
053	GL412e	YSTFUGL3
054	GL408e	YSTHUGL2
055	GL412e	YSTHUGL3
056	GL408e	YSTKUGL2
057	GL412e	YSTKUGL3
058	CG208	YSTCPCL2
059	CG212	YSTCPCL3

060	SR408	YSTJASR2
061	SR412	YSTJASR3
062	SR424	YSTJASR6
063	PT408e	YSTJAPT2
064	PT412e	YSTJAPT3

**Details:****001 GT408e / YSTLTGT2**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**002 GT412e / YSTLTGT3**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**003 GT424e / YSTLTGT6**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**004 GT408e / YSTENGT2**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- COURIER font in 8pt or smaller will be printed slightly larger

**005 GT412e / YSTENGT3**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**006 GT424e / YSTENGT6**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**007 SR408 / YSTLTSR2**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**008 SR412 / YSTLTSR3**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**009 SR424 / YSTLTSR6**

## Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**010 SR408 / YSTENSR2**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- COURIER font in 8pt or smaller will be printed slightly larger

**011 SR412 / YSTENSR3**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**012 SR424 / YSTENSR6**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**013 CL4/608e / YSTCPCL2**

## Properties:

- Supported languages: Codepage 850 characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**014 CL4/612e / YSTCPCL3**

see 013 CL4/608e / YSTCPCL2

**015 MR400e / YSTLTSR2**

see 007 SR408 / YSTLTSR2

**016 MR410e / YSTLTSR3**

see 008 SR412 / YSTLTSR3

**017 MR400e / YSTENSR2**

see 010 SR408 / YSTENSR2

**018 MR410e / YSTENSR3**

see 011 SR412 / YSTENSR3

**019 S8408 / YSTLTGT2**

see 001 GT408e / YSTLTGT2

**020 S8412 / YSTLTGT3**

see 002 GT412e / YSTLTGT3

**021 S8424 / YSTLTGT6**

see 003 GT424e / YSTLTGT6

**022 S8408 / YSTENGT2**

see 004 GT408e / YSTENGT2

**023 S8412 / YSTENGT3**

see 005 GT412e / YSTENGT3

**024 S8424 / YSTENGT6**

see 006 GT424 / YSTENGT6

**025 LT408 / YSTLTGT2**

see 001 GT408e / YSTLTGT2

**026 MB400i / YSTLTGT2**

see 001 GT408e / YSTLTGT2

**027 MB410i / YSTLTGT3**

see 002 GT412e / YSTLTGT3

**028 PT408e / YSTLTSR2**

see 007 SR408 / YSTLTSR2

**029 PT412e / YSTLTSR3**

see 008 SR412 / YSTLTSR3

**030 CT408i / YSTCPCL2**

see 013 CL4/608e / YSTCPCL2

**031 CT412i / YSTCPCL3**

see 013 CL4/608e / YSTCPCL2

**032 CT424i / YSTCPCL6**

see 013 CL4/608e / YSTCPCL2

**033 M-8459Se/60Se/85Se / YSTCPCL2**

see 013 CL4/608e / YSTCPCL2

**034 M-8465Se/90Se / YSTCPCL**

see 013 CL4/608e / YSTCPCL2

**035 GL408e / YSTLTGL2**

Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**036 GL412e / YSTLTGL3**

Properties:

- Supported languages: ISO8859-1 (Latin 1)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- Only proportionally spaced fonts are available

**037 GL408e / YSTENGL2**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- COURIER font in 8pt or smaller will be printed slightly larger

**038 GL412e / YSTENGL3**

## Properties:

- Supported languages: only pure 7-Bit ASCII characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.
- COURIER font in 8pt or smaller will be printed slightly larger

**039 M10e / YSTCPCL3**

see 013 CL4/608e / YSTCPCL2

**040 M84-Pro2 / YSTCPCL2**

see 013 CL4/608e / YSTCPCL2

**041 M84-Pro3 / YSTCPCL3**

see 013 CL4/608e / YSTCPCL2

**042 M84-Pro6 / YSTCPCL6**

see 013 CL4/608e / YSTCPCL2

**043 GT408e / YSTZHGT2**

## Properties:

- Supported language: Simplified Chinese(GB2312)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**044 GT412e / YSTZHGT3**

## Properties:

- Supported language: Simplified Chinese(GB2312)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**045 GT424e / YSTZHGT6**

## Properties:

- Supported language: Simplified Chinese(GB2312)

- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

#### **046 GT408e / YSTZFGT2**

Properties:

- Supported language: Traditional Chinese(Big5)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

#### **047 GT412e / YSTZFGT3**

Properties:

- Supported language: Traditional Chinese(Big5)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

#### **048 GT424e / YSTZFGT6**

Properties:

- Supported language: Traditional Chinese(Big5)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Chinese Language Memory Cartridge is needed to print

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

#### **049 GT408e / YSTKOGT2**

Properties:

- Supported language: Korean
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Korean Language Memory Cartridge is needed to print

Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

#### **050 GT412e / YSTKOGT3**

Properties:

- Supported language: Korean
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Korean Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**051 GT424e / YSTKOGT6**

## Properties:

- Supported language: Korean
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Korean Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**052 GL408e / YSTFUGL2**

## Properties:

- Supported language: Traditional Chinese in Unicode (UTF-8)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Traditional Chinese Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**053 GL412e / YSTFUGL3**

see 052 GL408e / YSTFUGL2

**054 GL408e / YSTHUGL2**

## Properties:

- Supported language: Simplified Chinese in Unicode (UTF-8)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Simplified Chinese Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**055 GL412e / YSTHUGL3**

see 054 GL408e / YSTHUGL2

**056 GL408e / YSTKUGL2**

## Properties:

- Supported language: Korean Unicode(UTF-8)
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Korean Language Memory Cartridge is needed to print

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**057 GL412e / YSTKUGL3**

see 056 GL408e / YSTKUGL2

**058 CG208 / YSTCPCL2**

## Properties:

- Supported languages: Codepage 850 characters are supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**059 CG212 / YSTCPCL3**

see 013 CL4/608e / YSTCPCL2

**060 SR408 / YSTJASR2**

## Properties:

- Supported languages: Codepage Shift-JIS characters supported
- PDL: SBPL (needs device driver class YCL\_PDL\_IMP\_ST\_YST1)
- Supports SATO Resident Bitmap Fonts

## Limitations:

- Color and compressed images are not supported
- No image scaling. Same picture is smaller when printing with a higher resolution.

**061 SR412 / YSTJASR3**

see 060 SR408 / YSTJASR2

**062 SR424 / YSTJASR6**

see 060 SR408 / YSTJASR2

**063 PT408e / YSTJAPT2**

see 060 SR408 / YSTJASR2

**064 PT412e / YSTJAPT3**

see 060 SR408 / YSTJASR2

**Models that Support RFID Gen2 Barcode**

- CL4/6xxe: YSTCPCLx
- GT4xxe : YSTLTGTx/YSTENGTx/YSTKOGTx/YSTZHGTx/YSTZFGTx
- SR4xx : YSTLTGTx/YSTENGTx/YSTJASR2
- GL4xxe : YSTENGLx/YSTLTGLx/YSTKUGLx/YSTHUGLx/YSTFUGLx
- M84xxSE : YSTCPCLx
- S84xx : YSTLTGTx/YSTENGTx

Details of the SATO Barcode printers can be found at  
<http://www.satoworldwide.com/printers.htm>

Details of the SATO Japanese models Barcode printers can be found at  
<http://www.sato.co.jp/products/printer/index.html>

Please read the technical documentation in SATO's SAP website to find out the supported fonts in each device type.

Note: When printing a SMARTFORM from SAP, user is advised to examine the actual printout of the form from the printer, rather than just relying on the image of the print preview.

**Appendix 1: System Commands**

SATO Device Driver for SAP supports inputing of SATO System Commands by using the Command Attributes in the SMARTFORMS. Settings such as Print Speed, Print Darkness and others can be applied on the SmartForms Label printing with this feature.

Details of the feature can be found in the technical documentation in SATO's SAP website.

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**Header Data**

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 Valid Since: 31.08.2009

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 Released by: Alexander Bolloni

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 Entered by: Christian Hansen  
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Category: Special development  
 Standard Note: No

Primary Component: BC-CCM-PRN Print and Output Management

**The Note is release-independent**

**Related Notes**

Number	Short Text
1256433	Printing RFID from Smart Forms: Bar code type RFIDGEN2
1097990	List of Printer Vendor Wizard Notes
1097563	Device Drivers for SAP
368131	Label printing with SATO MR4xxe, MR6xxe, SR4xx
177807	Label printing with SATO CL408