Printing Turkish from SAP System

User Manual

For SATO GT4e Series Printers

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Overview

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This document is to explain how to print **Turkish** from SAP system to SATO printers (**GT4e series** printers with English Cartridge).

The **Turkish alphabet** is a variant of the Latin alphabet used for writing the Turkish language, consisting of 29 letters.
These letters are, in the upper case:
A, B, C, Ç, D, E, F, G, Ğ, H, I, İ, J, K, L, M, N, O, Ö, P, R, S, Ş, T, U, Ü, V, Y, Z
and in the lower case:
a, b, c, ç, d, e, f, g, ğ, h, ı, i, j, k, l, m, n, o, ö, p, r, s, ş, t, u, ü, v, y, z.

SATO GT4e series printers support printing of Turkish characters with the following package:
- Printer firmware version: 13.00.00.00
- English Cartridge with Latin1/2/5, Grk, Cyr,Arb character set

Configuration at SAP Environment 2

In order to print Turkish from SAP system to GT4e series printer, the SATO Device Type which uses Turkish character set must be provided.

The device type can be downloaded from your local SATO regional website:
https://www.sato-global.com/drivers/redirect.html

The device type uses character set **1634** (Printer I9SWIN ISO 8859-9 (Turkey, Latin-5) as depicted below:

Figure 1 Character Set in Device Type

Example

<div style="text-align: right; font-size: 3em; font-weight: bold;">3</div>

An example of printing all the Turkish characters is shown below. By applying the output device which uses the Turkish device type, the GT4e series printer can produce the printing output as depicted below:

```
Text   Edit   Goto   Format   Insert   System   Help

Change Standard text: ZTESTING_TURKISH Language EN

    Formats      Character Formats    ¶

Parag.Formats    * Paragraph, left-aligned    Char.Formats

{
^A^EX0
^AR^A3H001V001
^CS3^#E4
^A111590799^Z
}
{
^A
 ^V050^H010^RDt30,P15,P15,A, B, C , Ç, D, E, F, G, Ð, H, I, Ý, J
 ^V100^H010^RDt30,P15,P15,K, L, M, N, O, Ö, P, R, Ð, S, T, U, Ü,
 ^V150^H010^RDt30,P15,P15,V, Y, Z
 ^V200^H010^RDt30,P15,P15,a, b, c, ç, d, e, f, g, ð, h, ý, i, j,
 ^V250^H010^RDt30,P15,P15,k, l, m, n, o, ö, p, r, þ, s, t, u, ü,
 ^V300^H010^RDt30,P15,P15,v, y, z.
^Q1
^Z
}
{
^A^/01^~A0^Q1^Z
}※
```
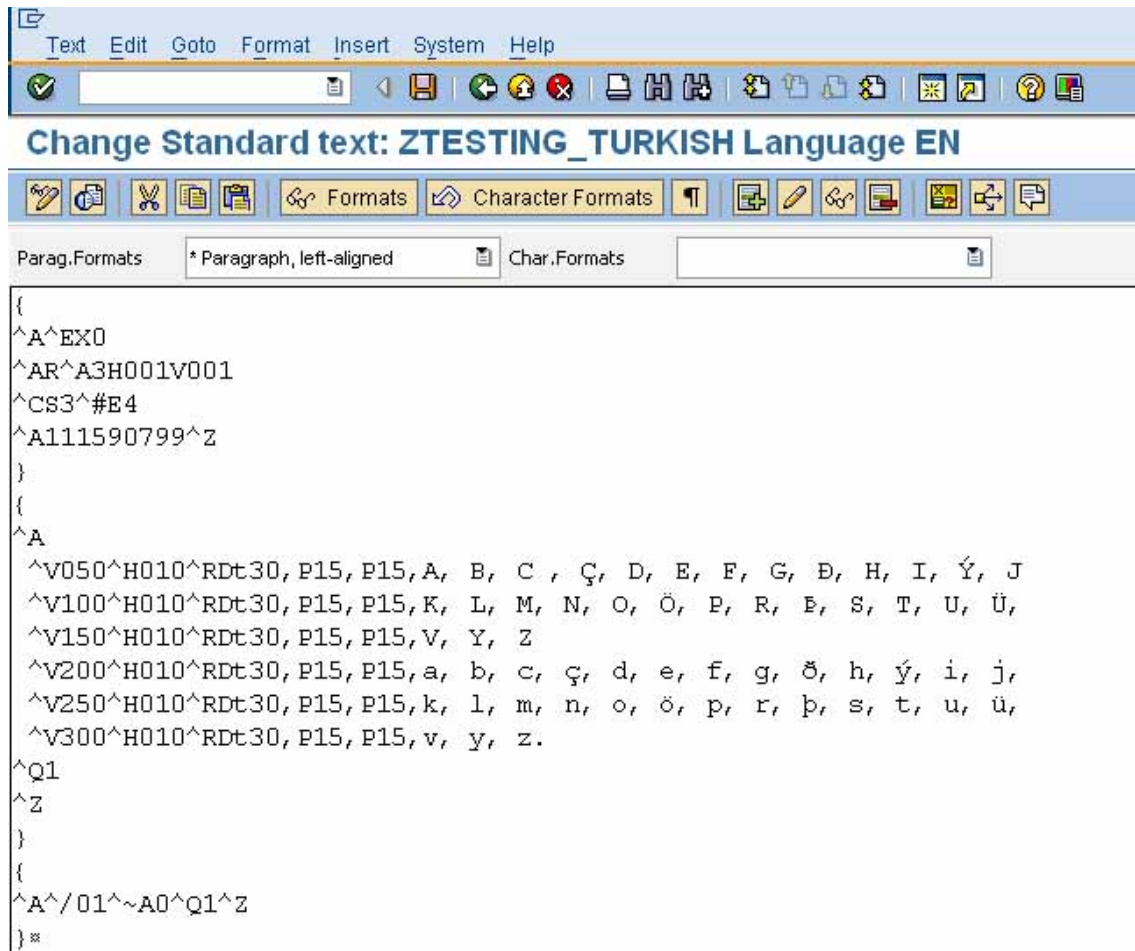
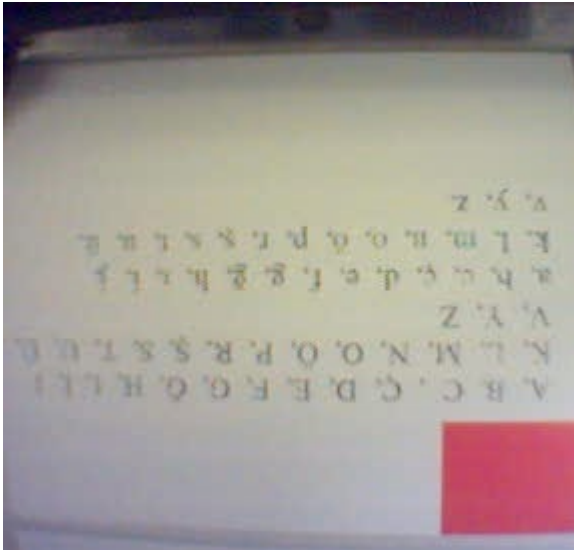**Figure 2 Sample of printing all Turkish characters in SAP System**

Figure 3 Printout with Turkish characters

Appendix

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4.1. Command Specification

The Turkish characters will be printed using the CG Times font in the English Cartridge with **RD** command.

Character set for ISO 8859/9 Latin 5 must be applied in order to print the Turkish characters.

Cartridge built-in TrueType font print command

【Format】
＜ＲＤ＞ａｂｃ，ｄｄｄ，ｅｅｅ，ｎ～ｎ

●Parameter

a	「Font type」	=	C	:	「MKaiSO-Medium-U(simplified)」
			c	:	「MHeiS-Bold-U(traditional)」
			K	:	「HYGungSo-Bold」
			J	:	「Outline-Kanji(Shift-JIS/JIS)」
			T	:	「AngsanaUPC」
			F	:	「FuturaIIBook」
			P	:	「CG Palacio」
			S	:	「CG Century Schoolbook」
			G	:	「CG Triumvirate Condensed」
			V	:	「Univers Medium」
			t	:	「CG Times」

b	「Character set」	=	0		without specifying character set	
			1	「Latin1」	ISO 8859/1 Latin 1	
			2	「Latin2」	ISO 8859/2 Latin 2	
			3	「Latin5」	ISO 8859/9 Latin 5	
			4	「Grk」	CP-737 DOSGreek	
			5	「Cyr」	CP-855 DOSCyrillic	
			6	「Arb」	CP-864 DOSArabic	
			7	「Codepage874」	CP-874 Thai	
			8	「CP-850」	CP-850 Multilingual	

c	「Character style」	=	0	「standard」 Medium

d	「horizontal size」	=	０ ０ ４ ～ ９ ９ ９ (dot) ／ Ｐ ０ ２ ～ Ｐ ９ ９ (point)

e	「vertical size」	=	０ ０ ４ ～ ９ ９ ９ (dot) ／ Ｐ ０ ２ ～ Ｐ ９ ９ (point)

n	「print data」	=	data

【**Supplementary explanation**】
1. When it is specified in [0], specification without character set, the applied character set will be the one for SATO standard.
2. Possible combination of font type and character set is shown in below table.

Character set	Font type
CP-850	FuturaIIBook CG Palacio CG Century Schoolbook CG Triumvirate Condensed Univers Medium
Codepage874	AngsanaUPC
Latin1	Univers Medium CG Times
Latin2	Univers Medium CG Times
Latin5	Univers Medium CG Times
Grk	Univers Medium CG Times
Cyr	Univers Medium CG Times
Arb	CG Times
No specification	MKaiSO-Medium-U(simplified) MHeiS-Bold-U(traditional) HYGungSo-Bold

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