

Citizen Device Types for SAP® Smart Forms™

Setup Guide

v1.3

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www.citizen-systems.co.jp

Revision History

Version	Date	Note
1.0	Oct. 2015	First publication
1.1	Nov. 2015	Updated the UK office location
1.2	Nov. 2018	Added new models as supported printer.
1.3	Aug. 2023	Added new models as supported printer. Updated the US office location.

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Overview

As a member of the SAP Printer Vendor Program, Citizen Systems offers device types for SAP Smart Forms. This setup guide is to help systems integrators install and configure Citizen device types into the SAP system to work with the Citizen printers. For more information about Smart Forms, please read SAP note 168368.

Supported SAP Systems

The device type selection method in transaction SPAD described in this document is available on 6.20 systems and above with the following Support Packages:

SAP_BASIS Release 6.20: SAPKB62063

SAP_BASIS Release 6.40: SAPKB64021

SAP_BASIS Release 7.00: SAPKB70014

SAP_BASIS Release 7.10: SAPKB71004

For details, please read SAP note 1036961.

Citizen Device Types

Citizen device types are available at: <http://www.citizen-systems.co.jp/english/>

YCSZBI2 - Code Page 850(Citizen Triumvirate), 203dpi

YCSZBI2 - UTF-8(Downloaded TrueType font*), 203dpi

Supported printer models**: CL-E300Z, CL-E321Z, CL-S520IIZ, CL-S521IIZ, CL-S620IIZ,
CL-S621IIZ, CL-S6621ZHR, CL-S700DTIIZ, CL-S700IIIJZ,
CL-S700IIIZ, CL-S700IIZ, CL-S700JIIZ

YCSZBI3 - Code Page 850(Citizen Triumvirate), 300dpi

YCSZBI3 - UTF-8(Downloaded TrueType font*), 300dpi

Supported printer models**: CL-E303Z, CL-E331Z, CL-E730ZHR, CL-H300SVZ, CL-S530IIZ,
CL-S531IIZ, CL-S630IIZ, CL-S631IIZ, CL-S631ZHR, CL-S6631Z,
CL-S703IIIJZ, CL-S703IIIZ, CL-S703IIZ, CL-S703JIIZ

*TrueType Font Downloading / Licensing / Disclaimer

End users may download their TrueType font to their printers prior to printing. For more information about font downloading, please see "Downloading Font to Printer" in this document.

It is the responsibility of the end users to ensure that they comply with the font licensing requirements provided by the owners of such fonts. Any fonts stored in the Flash memory of Citizen printers may require licensing from the font vendor. Please note that Citizen does not provide any TrueType fonts.

**Printer Emulation

"Emulation Select" in the System Setup menu must be set to "ZPI2" in the printer.

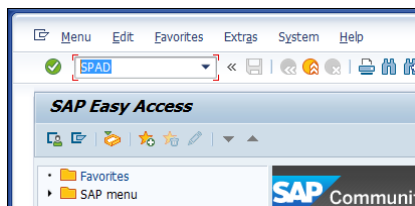
Supported Barcode Symbolologies

The barcode symbolologies supported by the Citizen device types are as follows:

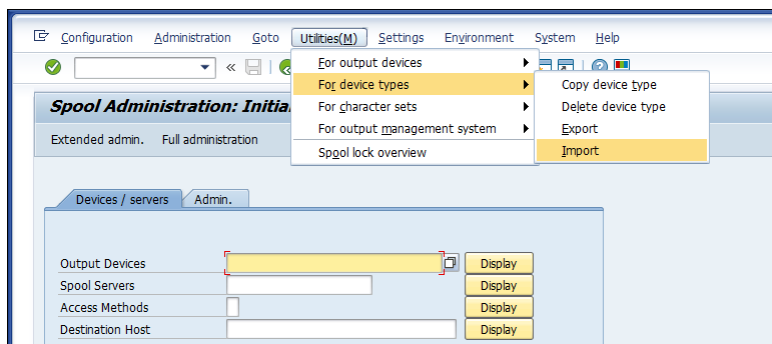
Barcode	Prefix	Suffix	Note		Approx. Hight (203dpi)
BC_93	SBP03	SBS00	Code 93		13mm
BC_C128B	SBP08	SBS00	Code 128	Code B, Normal Alpha/Numeric	13mm
BC_CD39	SBP01	SBS00	Code 39		13mm
BC_CD39C	SBP02	SBS00	Code 39	Mod-43 Check Digit	13mm
BC_EAN13	SBP05	SBS00	EAN-13	with human readable text	13mm
BC_EAN8	SBP04	SBS00	EAN-8	with human readable text	13mm
BC_EANH	SBP16	SBS00	EAN-128		13mm
BC_I25	SBP07	SBS00	ITF		13mm
BC_I25C	SBP06	SBS00	ITF	Mod-10	13mm
BC_PSN11	SBP15	SBS00	POSTNET	11 digit	3mm
BC_PSN5	SBP09	SBS00	POSTNET	5 digit	3mm
BC_PSN9	SBP10	SBS00	POSTNET	9 digit	3mm
C128A_00	SBP11	SBS00	Code 128	Code A, Numeric Pairs give Alpha/Numeric	5mm
C128A_01	SBP19	SBS00	Code 128	90CCW, Code A, Numeric Pairs give Alpha/Numeric	5mm
C128B_00	SBP12	SBS00	Code 128	Code B, Normal Alpha/Numeric	5mm
C128B_01	SBP20	SBS00	Code 128	90CCW, Code B, Normal Alpha/Numeric	5mm
CD39C_00	SBP14	SBS00	Code 39	Mod-43 Check Digit	5mm
CD39C_01	SBP18	SBS00	Code 39	90CCW, Mod-43 Check Digit	5mm
CD39__00	SBP13	SBS00	Code 39		5mm
CD39__01	SBP17	SBS00	Code 39	90CCW	5mm

Importing Citizen Device Types to SAP

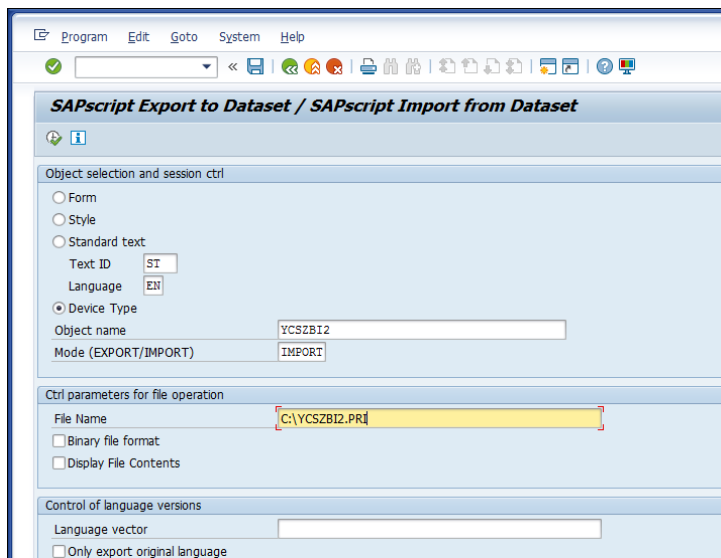
1. Go to transaction “SPAD.”



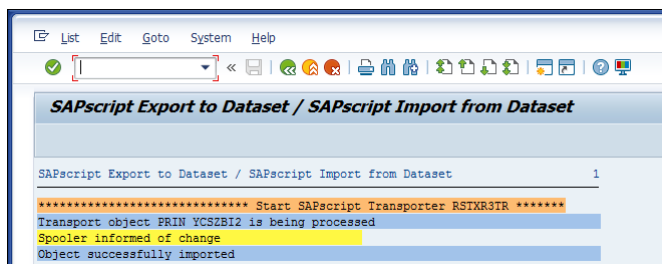
2. Open [Utilities>For device types>Import].



3. Select “Device Type”, type in “Object name” and the .PRI file location into “File Name.”



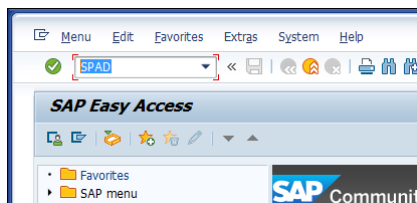
4. Click “Execute” and make sure the “Object successfully imported” page is shown.



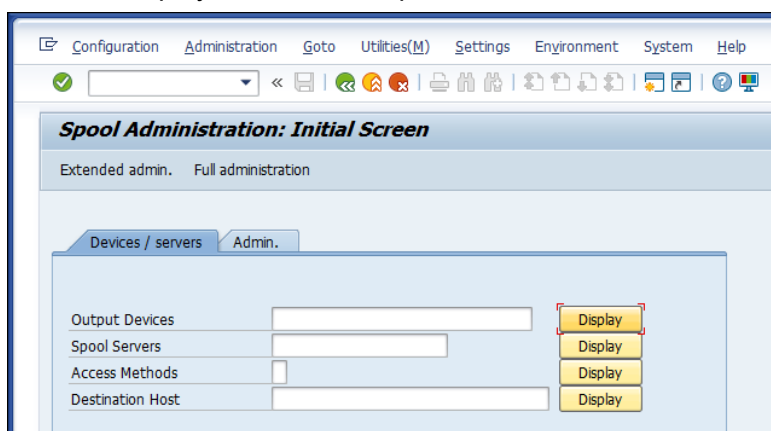
Creating a new Output Device

To create a new Output Device,

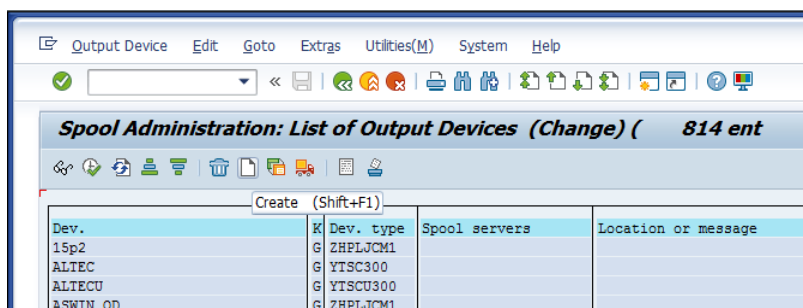
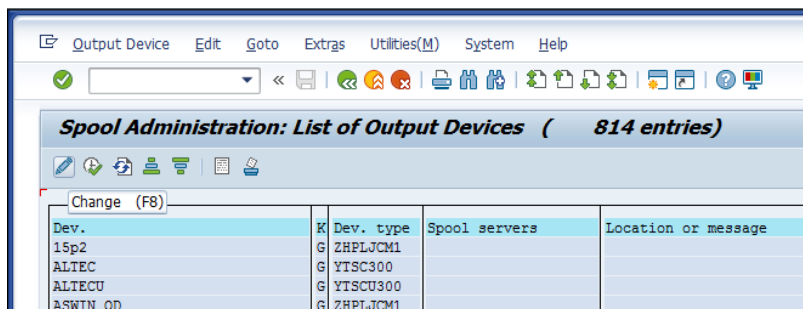
1. Go to transaction "SPAD."



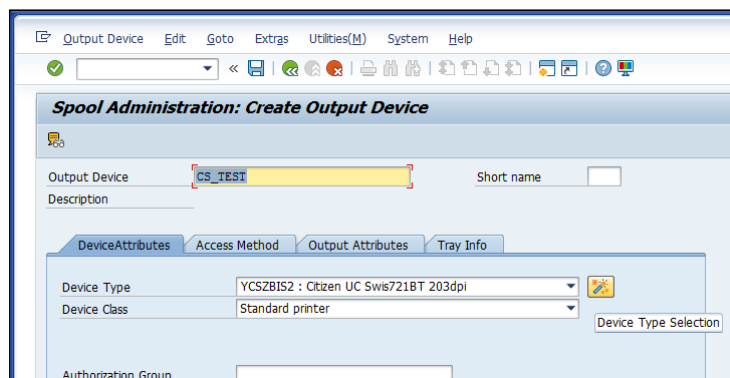
2. Click "Display" button of "Output Devices."



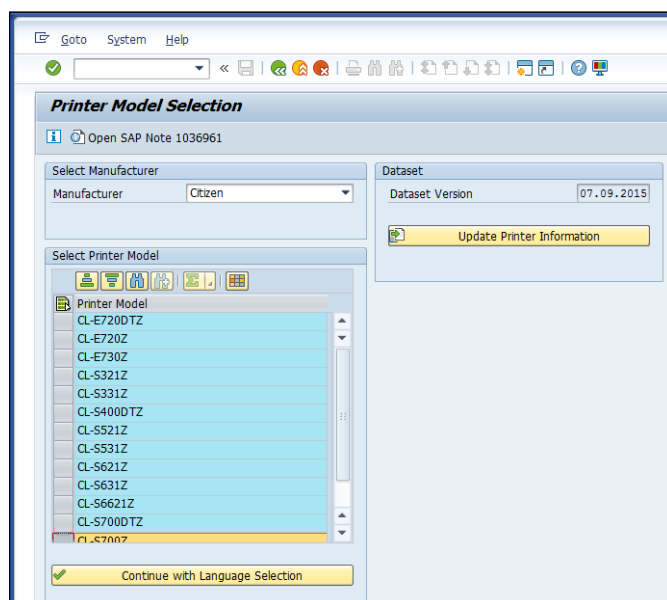
3. Click "Change" button and "Create" button.



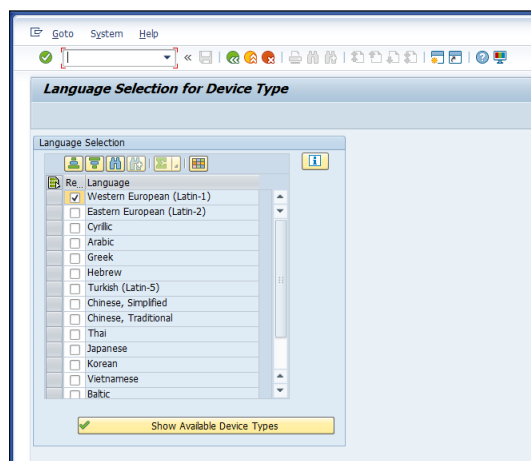
4. Type in an Output Device Name, click "Device Type Selection" button.



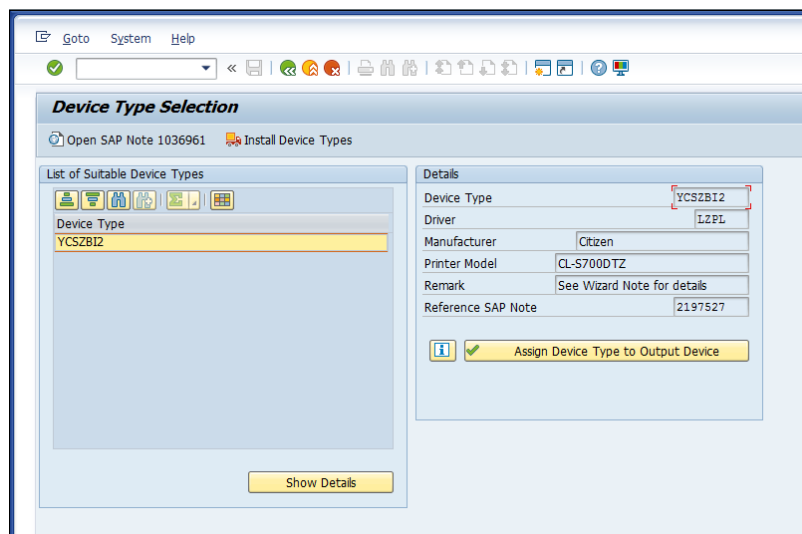
5. Select "Citizen" as "Manufacturer", highlight your printer model and click "Continue with Language Selection" button.



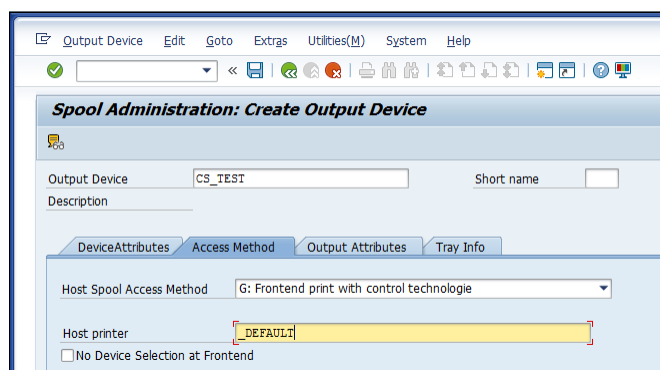
6. Select a language and click "Show Available Device Types" button.



7. Select a suitable device type and click "Assign Device Type to Output Device" button.



8. In the "Access Method" tab, select "F: Printing on Front End Computer" and type in "_DEFAULT" as "Host printer."

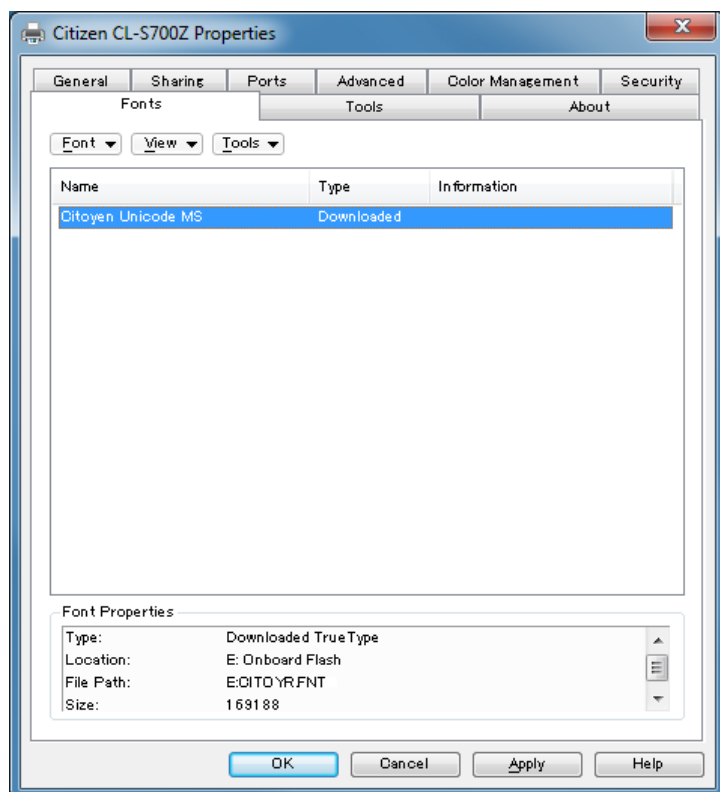
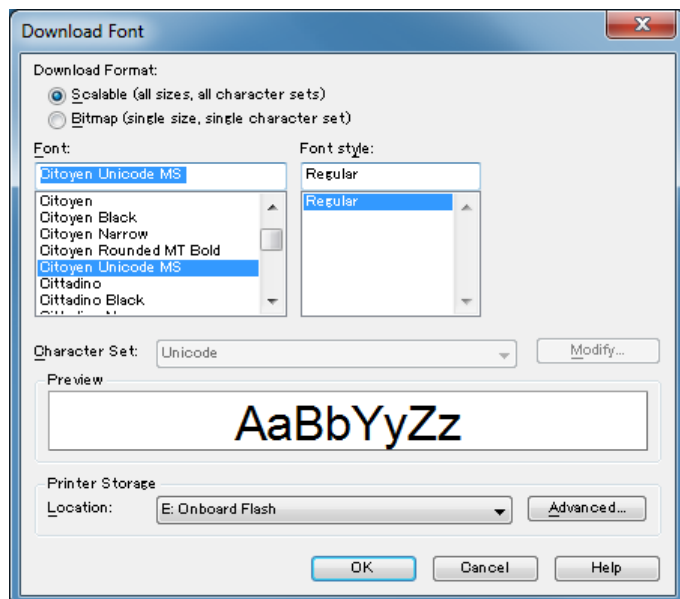


9. Click "Save."

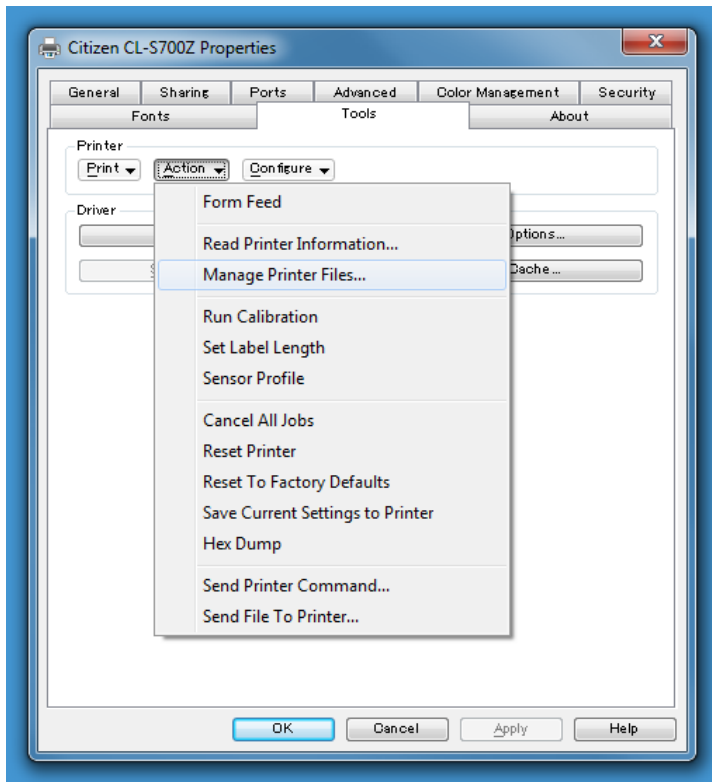
Downloading Font to Printer

End users may download their TrueType font to their printers prior to printing. Fonts can be downloaded by the Windows driver. In case with the device types, YCSZBIS2 or YCSZBIS3, a Unicode font must be downloaded as “TT0003M_.FNT” into E: (non-volatile flash ROM).

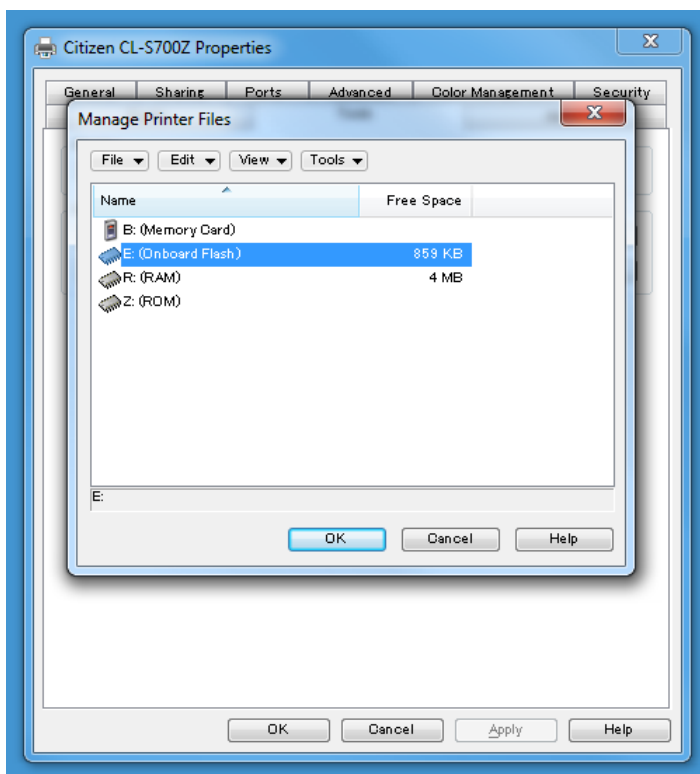
1. Open the Windows driver, [Printer Properties>Fonts>Font>Download Font].
2. Highlight a Unicode font, select the location “E: Onboard Flash” and click OK.



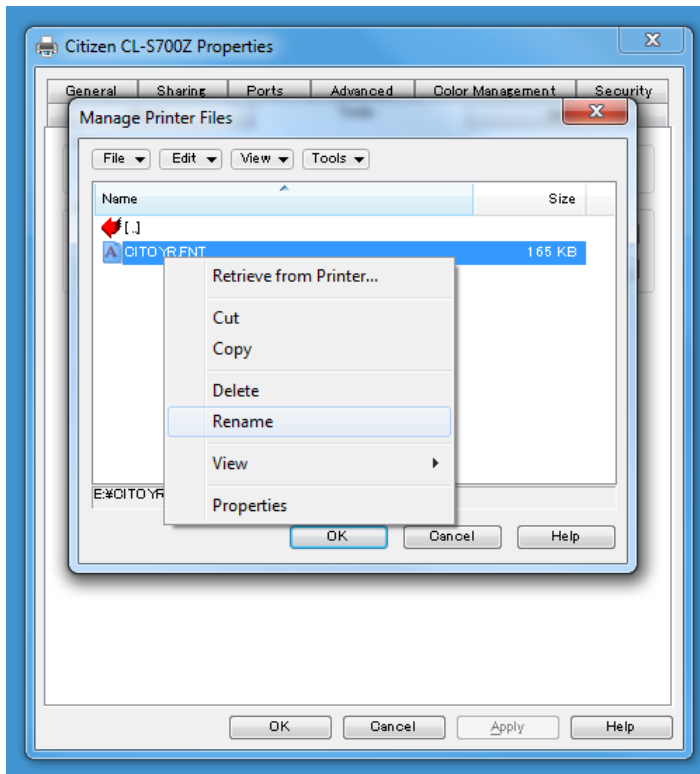
3. Go to Tools tab, [Action>Manage Printer Files].



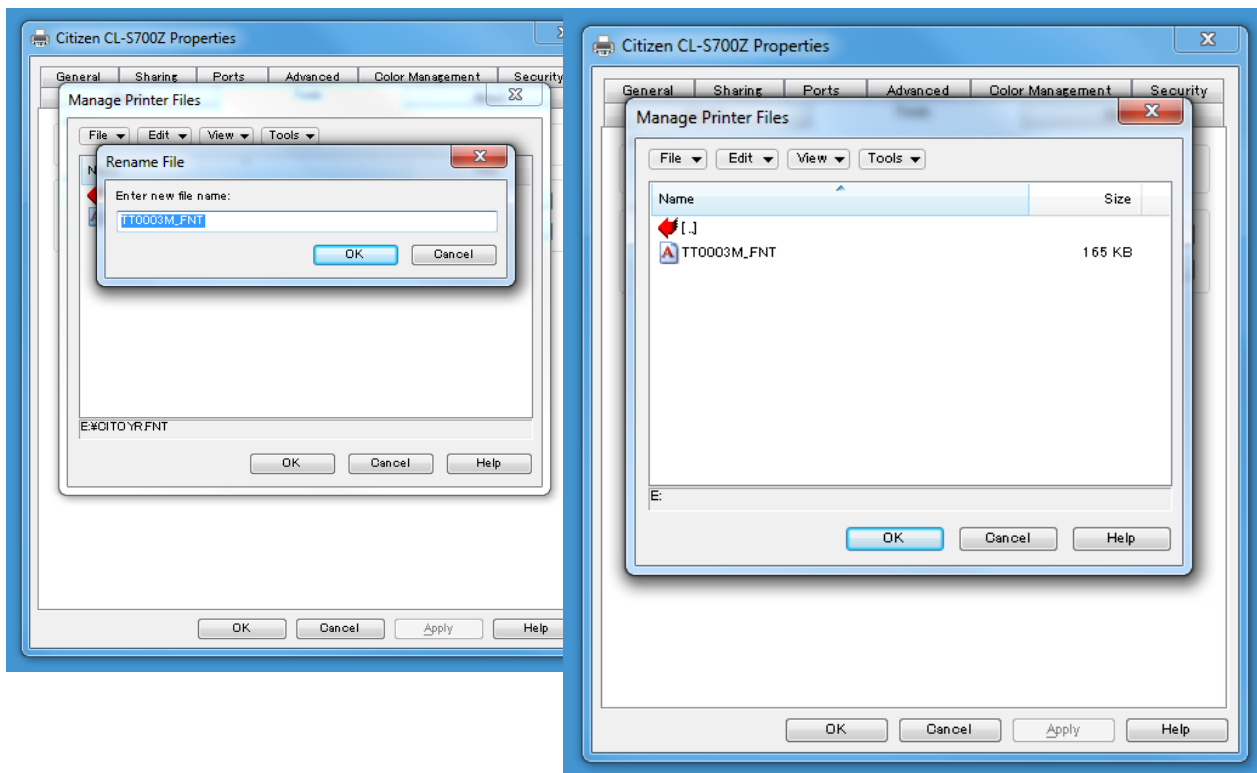
4. Double click to open "E: (Onboard Flash)."



5. Highlight and right click the downloaded font, select “Rename.”



6. Rename the font to “TT0003M_.FNT.”



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