

WEINTEK LABS., INC.

Screen Hardcopy - Customized Filename Handling

Demo Project

Contents

1. Overview and Operation	1
2. Setting up the Screen	2

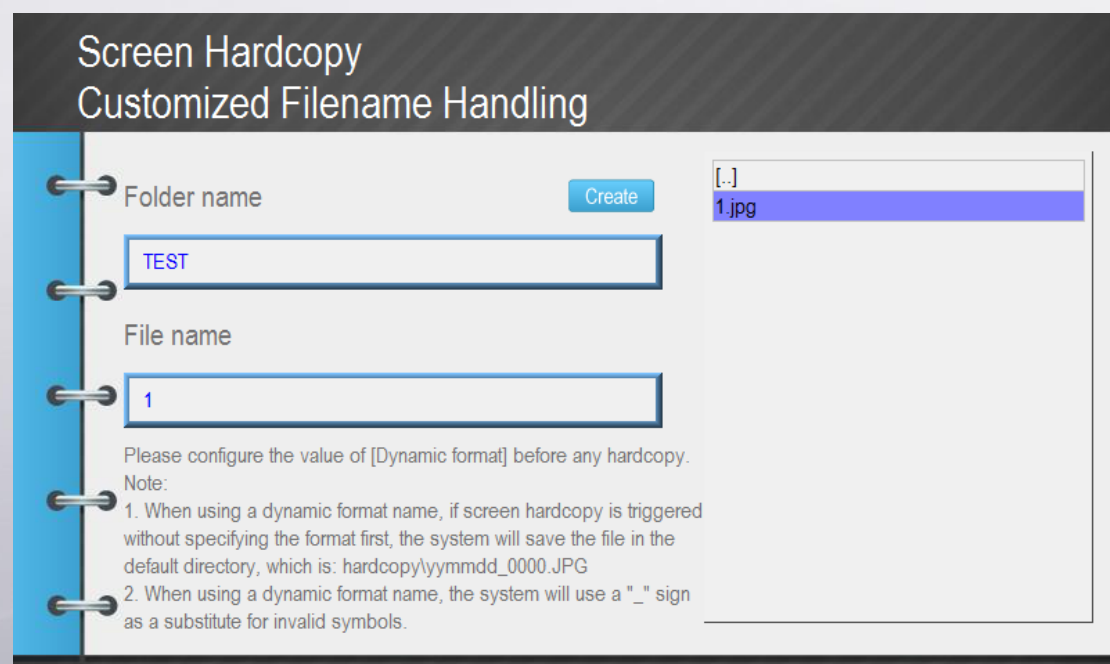
1. Overview and Operation

Overview

This demo project introduces how to use Customized Filename Handling feature to customize the name of the picture files and the name of the folder generated by Screen Hardcopy feature of PLC Control object.

Operation

Enter a name in the [Folder name] and [File name] fields and then click [Create] button to generate a screen hardcopy with the customized file name. If the file name already exists, the system will add “_0001” to the file name as a serial number. The numbers of the later files add up until “_9999”. The files after “_9999” will be ignored. When using a dynamic format name, if screen hardcopy is triggered without specifying the format first, the system will save the file in the default directory, which is: hardcopy\yymmdd_0000.JPG.



Screen Hardcopy
Customized Filename Handling

Folder name

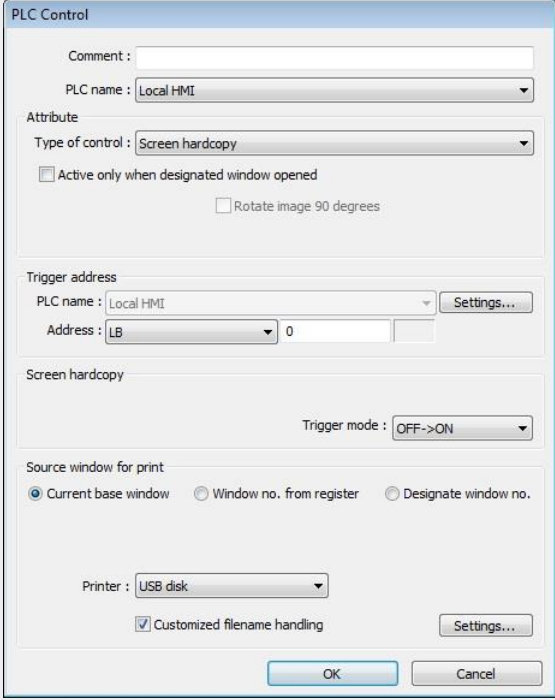
File name

Please configure the value of [Dynamic format] before any hardcopy.
Note:

1. When using a dynamic format name, if screen hardcopy is triggered without specifying the format first, the system will save the file in the default directory, which is: hardcopy\yymmdd_0000.JPG
2. When using a dynamic format name, the system will use a "_" sign as a substitute for invalid symbols.

2. Setting up the Screen

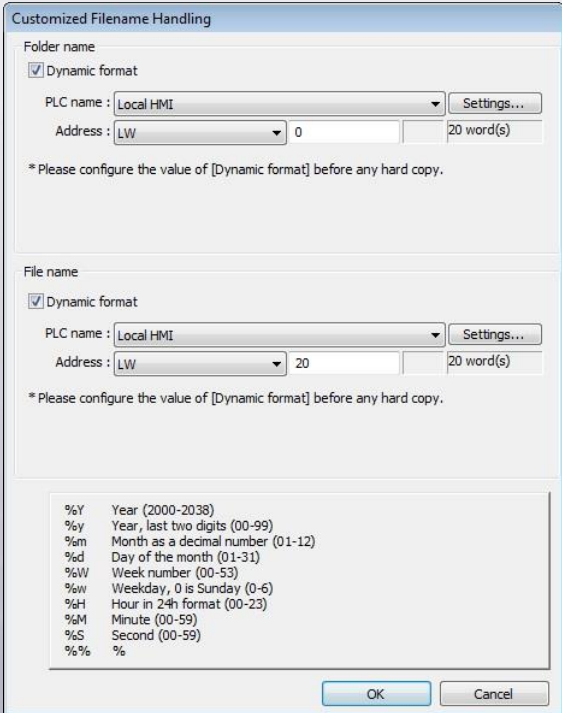
Step 1. Configure PLC Control object as shown in the following figure:



The PLC Control dialog box contains the following fields and options:

- Comment:** Text input field.
- PLC name:** Dropdown menu set to "Local HMI".
- Attribute:**
 - Type of control:** Dropdown menu set to "Screen hardcopy".
 - ☐ Active only when designated window opened
 - ☐ Rotate image 90 degrees
- Trigger address:**
 - PLC name:** Dropdown menu set to "Local HMI".
 - Address:** LB 0
 - Settings...** button
- Screen hardcopy:**
 - Trigger mode:** Dropdown menu set to "OFF->ON".
- Source window for print:**
 - ☒ Current base window
 - ☐ Window no. from register
 - ☐ Designate window no.
- Printer:** Dropdown menu set to "USB disk".
- ☒ Customized filename handling
- Settings...** button
- OK** and **Cancel** buttons at the bottom.

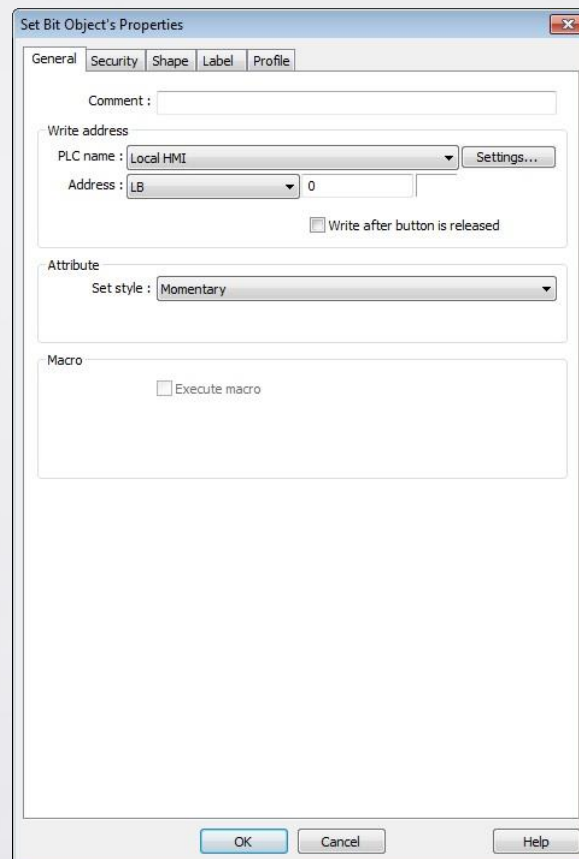
Configure Customized Filename Handling as shown in the following figure:



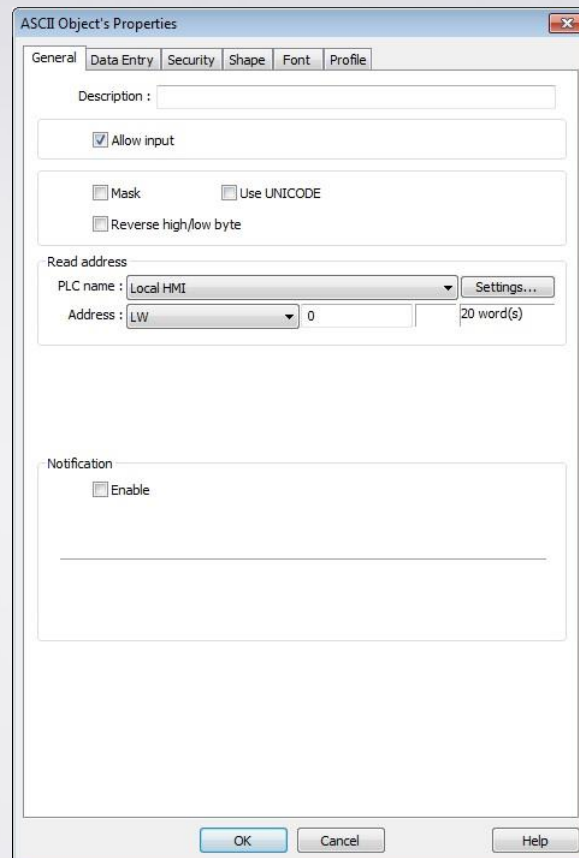
The Customized Filename Handling dialog box contains the following fields and options:

- Folder name:**
 - ☒ Dynamic format
 - PLC name:** Dropdown menu set to "Local HMI".
 - Address:** LW 0
 - Settings...** button
 - 20 word(s)
 - * Please configure the value of [Dynamic format] before any hard copy.
- File name:**
 - ☒ Dynamic format
 - PLC name:** Dropdown menu set to "Local HMI".
 - Address:** LW 20
 - Settings...** button
 - 20 word(s)
 - * Please configure the value of [Dynamic format] before any hard copy.
- Format codes legend:**
 - %Y Year (2000-2038)
 - %y Year, last two digits (00-99)
 - %m Month as a decimal number (01-12)
 - %d Day of the month (01-31)
 - %W Week number (00-53)
 - %w Weekday, 0 is Sunday (0-6)
 - %H Hour in 24h format (00-23)
 - %M Minute (00-59)
 - %S Second (00-59)
 - %% %
- OK** and **Cancel** buttons at the bottom.

Step 2. Create a Set Bit object and set the address to LB-0. Select [Momentary] as set style. When this bit is triggered it will print the screen as a hardcopy.



Step 3. Create two ASCII objects and set addresses to LW-0 and LW-20 respectively. The LW-0 address is for entering the folder name, whereas LW-20 is for entering the file name. The acceptable data length for both objects is 20 words.



Step 4. Create a File Browser object and select [USB disk] as file position. Please note that the file position must be identical to the one selected for PLC Control object Screen Hardcopy feature. The file name of the screen hardcopy can be displayed in this object.

