GE
Intelligent Platforms

USB Printing – Proficy HMI/SCADA – CIMPLICITY v1.1

Introduction

Past versions of Proficy HMI/SCADA –CIMPLICITY typically used the older parallel port technologies for printing to Proficy HMI/SCADA –CIMPLICITY alarms. This technology is now obsolete and has been replaced by the USB standard. This document will walk the Proficy HMI/SCADA –CIMPLICITY user through setting up a USB or network Alarm printer.

1. Setup Windows Printer

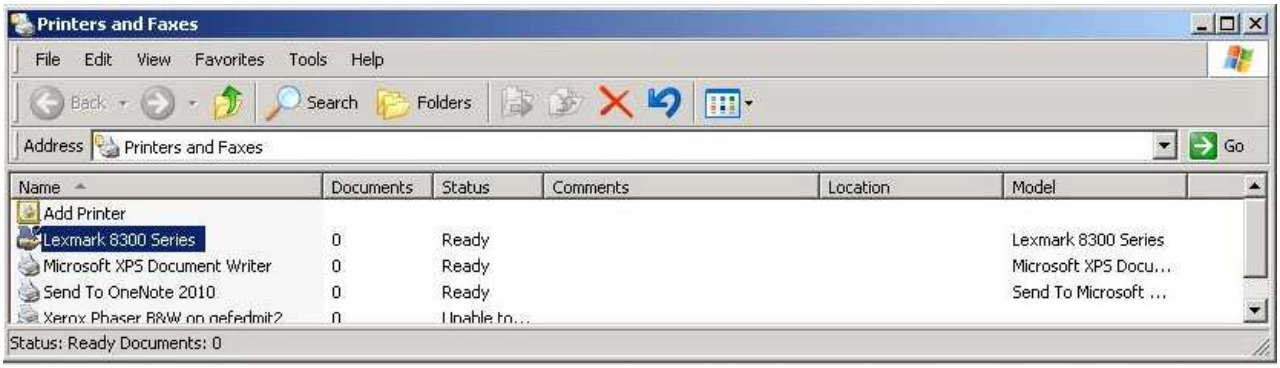

Figure 1.1 – Confirm Install/Operation of Windows Printer

2. Create Alarm Printer in CIMPLICITY

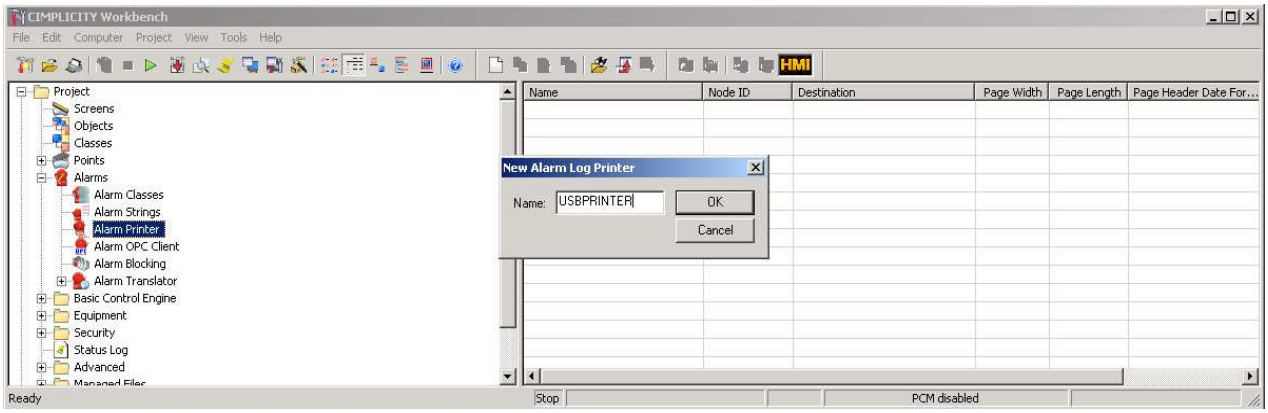

Figure 1.2 – Create new alarm printer

3. Configure Alarm Printer Properties

The Output field in older configuration typically used the printer port i.e. LPT1. When using a local USB printer the printer name is used as shown in Figure 1.1.

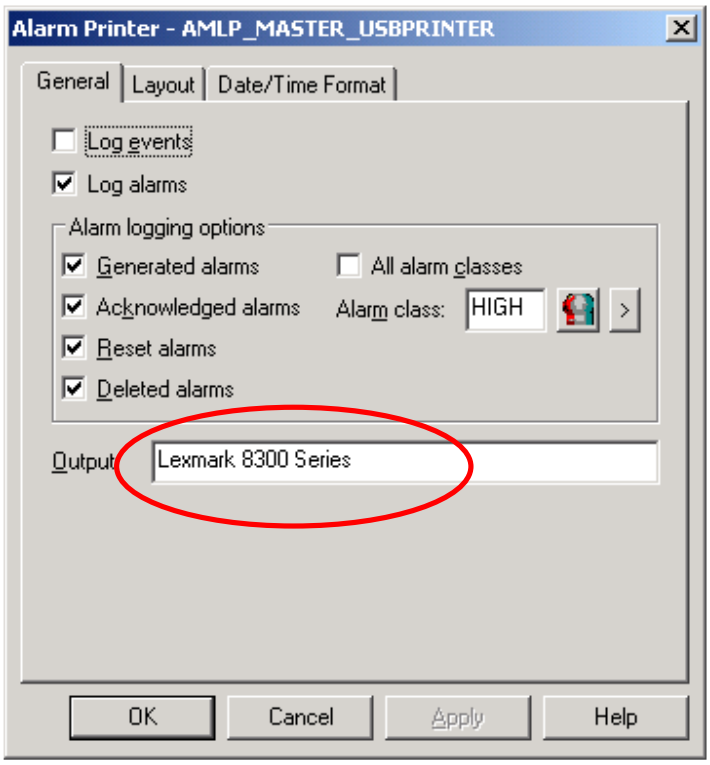

Figure 1.3 – Configure Output USB printer

4. Printing Alarms

When you print directly to a USB printer the Alarm Page functionality does not print alarm messages as they happen, by default. Instead, it waits until there is a full page of alarms to send to the printer as configure in Figure 1.4.

To print the current set of unprinted alarms:

Click Tools>Command Prompt on the Workbench menu bar.

A DOS window opens in the CIMPLICITY project directory.

Enter amlp_flush.exe.

Result: The alarms will be printed.

Note: You can also initiate amlp_flush.exe from scripts within the CIMPLICITY environment. This will trigger printing whenever the specified conditions (for example an alarm going off) are met.

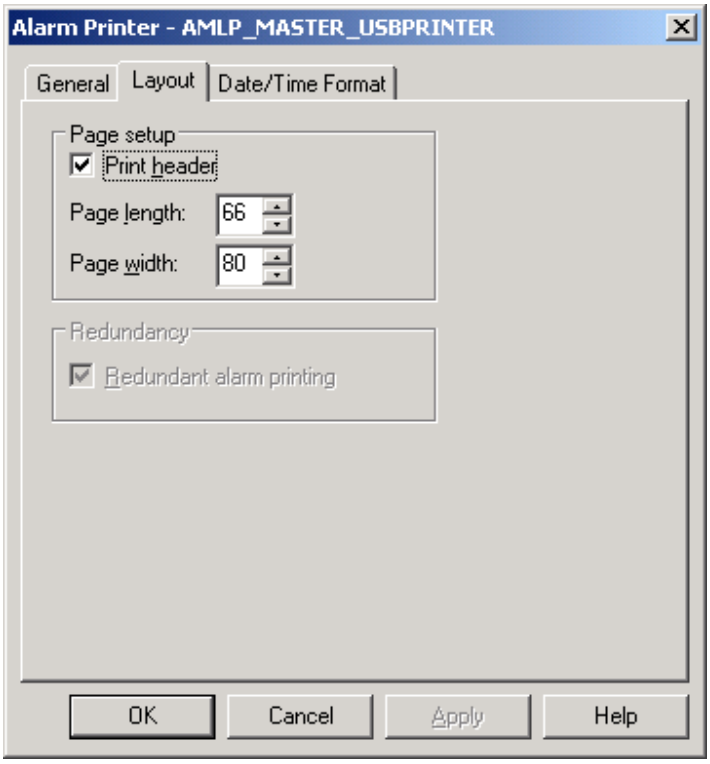

Figure 1.4 – Page setup for printing alarms