



Restoring AxiBatch Instructions

“AXIBATCH SYSTEMS”

Developed By



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1 Introduction

This document describes in detail the instructions for restoring AxiBatch onto the computer after a computer crash.

1.1 Definitions

HMI	AxiBatch Software Operator Interface
PLC	Schneider M340 PLC used for Plant Control and Located inside the Console

2 Before Installation

2.1 Computer Item Checks

1. Check that the IP address of the computer is in the same range as the PLC. (Default PLC address is usually 100.0.0.50). Check with Axion if you are not sure or cant ping it. If the IP address is not please change it.
2. Ping the PLC to ensure you have connection. (Eg. In the DOS PROMPT use the ping 100.0.0.50 command. You should get replies.
3. The computers should have Windows XP Pro as its operating system. (Windows Vista is not supported). Axibatch has not yet been fully tested in Windows 7.
4. You will also need to install any printer drivers that you received with your printer. Your docket printer must be the default printer.
5. If your docket printer is the EPSON Tractor Feed print and your docket size is not the standard A4 you will need to add a new page type. Select "Printers and Faxes" from the START menu. Select File->Server properties. Create a new form called "Docket" and place the correct dimensions of your docket, and press apply to accept the changes.

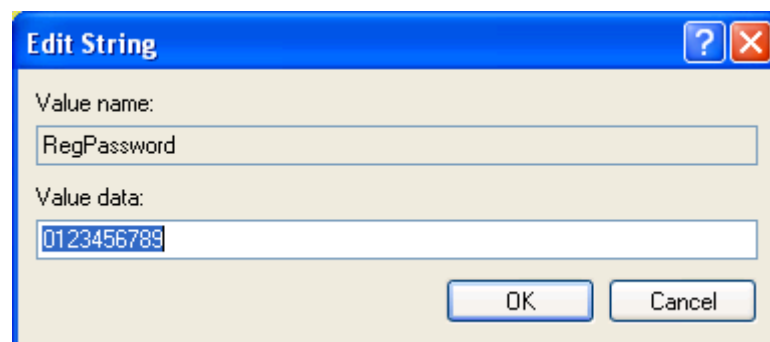
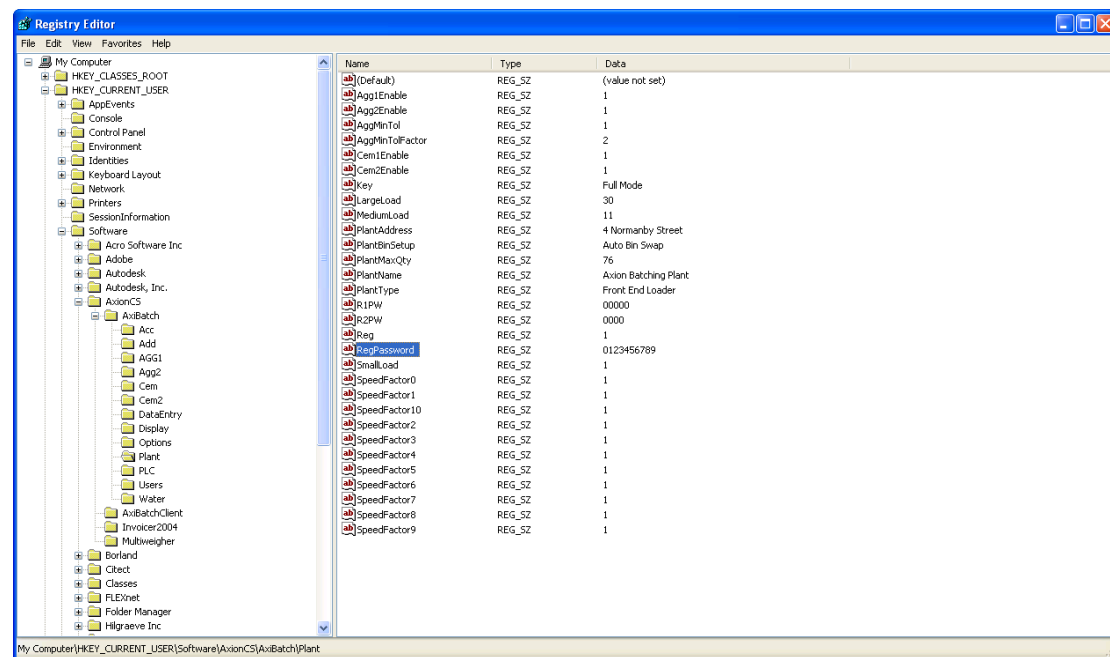
3 Restoring AxiBatch

3.1 Installing Program

1. Place the install CD into the computer.
2. If the startup screen does not appear then using START and RUN and browse for the autorun.exe file in the root directory of the CD and run it.
3. On the 1st page select "INSTALL SOFTWARE". This takes you to a new screen.
4. Select "Install Firebird Database Engine VX.XX". The wizard will install the database engine. Select all the defaults. Towards the end it will ask you to connect to the internet, you can select no for this.
5. Select "Install AxiBatch VX.XX", the wizard will take you through the installation.
6. Select "Install Hasp Drivers", the wizard will take you through the installation. The Hasp drivers allow AxiBatch to read the dongle (Purple USB key).
7. This is all you need to install. Firebird should be running as a service.

Run AxiBatch, if it says software is expired then follow this process to get it running ...

1. Install the purple HASP key, make sure it lights up and you have your registration code handy.
2. On the Windows XP Machine click on START (Left Bottom Corner)
3. Click on RUN, and type "regedit" and press OK
4. Drill down to HKEY_CURRENT_USER -> Software -> AxionCS-> AxiBatch -> Plant
5. On the right hand side Select RegPassword
6. Double click on it
7. Type in your Registration and press OK
8. Exit Regedit
9. Run AxiBatch



3.2 File Restoring

The following are the main files you will need to restore ...

1. AxiBatch.gdb **OR** main database you backed up with your own file name with the .gbk extension
2. CompOrders.gdb **OR** completed orders you backed up with your own file that with the .gbk extension
3. Docket.des (Docket Design Detail File)
4. AxiBatch.reg (Plant Settings File normally stored in the computer registry)

3.2.1 Restoring the AxiBatch.gdb and/or Comporders.gdb files

This is only if you have manually backed copies of the full database files.

1. Using windows explorer simply copy the “AxiBatch.gdb” and/or “Comporder.gdb” files you have backed somewhere and copy them into the “C:\Program Files\AxionCS\AxiBatch” directory.
2. Start Axibatch and ensure the database data appears. CompOrders contains all the completed orders and loads. Axibatch.gdb contains everything else such as USERS, CUSTOMERS, MIX DESIGNS, PREORDERS, PROGRESSIVE ORDERS etc.

3.2.2 Restoring the AxiBatch.gbk and/or Comporders.gbk files

This is not required if you have done procedure 3.2.1 for both.

1. These files will be called whatever you called them when you backed them using the AxiBatch Backup Database Service. The gbk means they are compressed backed up files that were backed up using the backup procedure when exiting AxiBatch.
2. Login in as an administrator. (User = Administrator, password = administrator)
3. To restore them start AxiBatch and go to File->Restore Database. The Restore window appears.
4. Select in the dropdown box “Main Database” and press the START RESTORE button.
5. Answer YES to the prompt and then browse for your axibatch compressed file with the gbk extension. It will inform you when restoration is completed.
6. Select “Completed Loads Database” and repeat the same. Make sure you select the correct databases. **Installing the wrong type will possibly crash AxiBatch. You will then need to copy the AxiBatch.gdb and CompOrders.gdb from the DBORIG directory back into the AxiBatch directory and start again.**

3.2.3 Copy the Docket.des file

Copy the Docket.des file manually in to the C:\Program Files\AxionCS\AxiBatch directory.

This contains all your docket design information.

3.2.4 Copy the Plant Settings

The plant settings are usually stored in the computer registry. They are usually backed up automatically to a file called "AxiBatch.reg" in the C:\Program Files\AxionCS\AxiBatch directory. It can also be backed up manually via AxiBatch using Tools->Registry->Backup.

To restore this file ...

1. Run AxiBatch if not already
2. Copy your AxiBatch.reg in to the AxiBatch directory.
3. Select Tools->Registry->Restore
4. A message will tell you when completed (should only take 1-2 seconds)
5. You will need to restart AxiBatch
6. Ensure all your plants settings and options appear correct

3.2.5 Last Checks

PLC Communications

If connected to a PLC you may need to set this up again. Go to Plant Settings and then the PLC Tab. Select "Modbus TCP" and type the IP address. Typically will be 100.0.0.50, however can be different. If it is greyed out you will need to log in as a Technician. Restart Axibatch. Should then get "PLC Read OK" on bottom status. Go View->Communication Status and you should see increment reads and writes.

Docket Number

Make sure the next Docket Number is as it should be.

Click on the Dollar icon, and in the General Tab change to what the current docket number should be. Press the "Set Docket Number" button.

Check all other Options, Plant Settings and Accounting Settings

As a precaution check all other settings. Compare them against the old ones if you can.