

AXIBATCH

BACKUP & RESTORE MANUAL

Version 2

April 2018

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27/04/2018	2	Totally Revised incl AxiSoft and Invoicer			
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1 Introduction

This document describes in detail the methods of backing up AxiBatch data and the restoration of AxiBatch data. This applies to Versions 4.

1.1 Definitions

BACKUP	The method of creating a compressed version of the database. This normally is about a tenth of the normal database size.
RESTORE	The method of restoring a compressed version of the database.
ICON	Small square button which only shows an image

INSTALLATION DIRECTORY Directory Path where AxiBatch, AxiConsole or Invoicer are installed

2 AxiBatch

2.1 AxiBatch File Path Settings

The AxiBatch installation directory will always be "C:\Program Files (x86)\Axion Control Systems\AxiBatch". The main executable file (AxiBatch.exe) is stored in the Installation Directory.

When AxiBatch is installed and run for the first time it creates by default the following data directories if they haven't been created.

2.1.1 Database Locations

The Server Path is the path for the main AxiBatch and Completed Loads databases, and by default is set to C:\AxiBatch Data\Databases directory.

C:\AxiBatch Data\Databases\AxiBatch.gdb - the Main AxiBatch database that stores Orders, Bin setups, Customers, recipes and pricing etc.

C:\AxiBatch Data\Databases\CompOrders.gdb - the Completed Loads database that stores all the completed loads and orders and stock entries.

The following is where you dictate the Path of the Databases and Settings

₽ Settings	- 🗆 X
Options PreOrders Batch Virtual Batch Edit Order Dump Quality Control	Database Location Setting Server Path C:\AxiBatch Data\Databases Test Database Connection Database Connected Succesfully!
 Guality Control Log Files Alarms Add Stock Backup Display Settings Database Accounting Plant Interfaces 	Database Backup Paths C:\AxiBatch Data\Backups Settings Backup Path C:\AxiBatch Data\Settings

C:\AxiBatch Data\Backups – Directory where you can store database backups

	- 🗆 X
Quality Control	
- Log Files	Docket Settings
Alarms	
- Add Stock	Docket Prefix Y Next Docket Number 22887
Backup	
Display	Docket Mode Print after Dump 🗸
 Bettings Database 	Docket File Pathname C:\AxiBatch Data\Docket\Docket.docx
- General - Classes Docket - Credit Control - Pricing - Short Loads - Cartage Fees - Truck Costs - Truck Payments	Printer Name Microsoft Print to PDF Print Copies 1 Duplex Add 2 minutes to Docket Created Time Disable Docket Checking at Startup
Plant ✓	

C:\AxiBatch Data\Settings – Directory where the latest settings are backed and where an xml file (AxiBatchDefaultSettings.xml) is created to compare against a possible corruption.

If a mismatch is detected, then AxiBatch will attempt to automatically restore "AxiBatchConsfig.config" setting file. This file is set whenever you leave the Settings page, so should normally never be corrupted. When this happens the docket number will be out of sorts, so restarting AxiBatch should sort this out.

2.1.2 Docket Path Settings

Docket File Pathname is the location of the docket and its filename. AxiBatch creates a directory by default called C:\AxiBatch Data\Docket for docket storage.

C:\AxiBatch Data\Docket\Docket.docx - Working Version of Docket Form

AxiBatch uses a word document for it's docket. This file is located in the installation directory and is named "DOCKET.doc".

You can copy this file and paste it somewhere else manually. DO NOT DELETE IT!

2.1.3 Log File Paths



C:\AxiBatch Data\Log Files\Activity – Location of AxiBatch Activity Log Files C:\AxiBatch Data\Log Files\Alarms – Location of AxiBatch Process Alarm Log Files C:\AxiBatch Data\Log Files\Errors – Location of AxiBatch Errors Log Files

A file is generated as follows (new one created every day)

ActivityLogYYYYMMDD.csv AlarmLogYYYYMMDD.csv ErrorLogYYYYMMDD.csv

where YYYY = Year where MM = Month where DD = Day

You can view these files in AxiBatch using View->Activity Log Files View->Alarm Files

You can also view these files using Excel or Notepad.

₽ Settings		-	×
 Options PreOrders Batch Virtual Batch Edit Order Dump Quality Control Log Files Alarms Add Stock Backup Display Settings Database Accounting Plant Control Agg Hopper 1 Aqq Hopper 2 	Backing Up Options Auto Backup before Exit Prompt me Backup to D:\AxiBatch Backups Image: Add Date and Time Stamp Keep up to 31 Image: Backup to a Second directory Image: Add Date and Time Stamp Keep up to 7 Image: Backup full Data Directory Backup to D:\AxiBatch Full Backup D:\AxiBatch Full Backup		

2.1.4 Backup Options

Check "Auto Backup on Exit" to enable the auto backups when AxiBatch exits. Prompt Me, checked will ask the operator whether to perform the backup or not. Add Time Date Stamp, should be checked, to avoid replacing a corrupted database. This will add a date and time to the end of the database filename.

Keep up to is the number of days you wish to keep in the backup directory. Anything older than this will be deleted to keep the memory available in reasonable order.

There are two separate paths you can backup to, one should be an external server or network hard drive, the other could be the backup AxiBatch Computer.

Check the Backup Full Directory, to backup the database files in the same name. This could be used to backup the files to a backup AxiBatch computer.

2.2 Restoring AxiBatch

The following section describes what is required to restore all the database files and settings to AxiBatch running on a new computer.

2.2.1 <u>Restore Settings</u>

- 1. Start AxiBatch
- 2. Log in using Technician User
- 3. Select Tools->Restore->Plant Settings
- 4. Select the settings file you have previously backed up, it can be named anything for example it may have the date and time stamp attached to it
- 5. Restart AxiBatch
- 6. Make a note of where the Database Server location path is

2.2.2 <u>Restore Databases</u>

- 1. AxiBatch is shut down for this
- 2. In Explorer, manually copy the latest backup database, it could have a date and time stamp after it, e.g. AxiBatch_20180206_1256.gdb (hence this was backed up on the 6th of Feb, 2018 at 12:56pm), into the C:\AxiBatch Data\Databases directory (or wherever the Database Server location path is). Do the same with the completed Loads database, e.g. CompOrders 20180206 1256.gdb.
- 3. Change the AxiBatch database name to AxiBatch (I.e. manually remove the data time stamp)
- 4. Change the Completed Loads database name to CompOrders.gdb (I.e. manually remove the data time stamp)
- 5. Start AxiBatch
- 6. Go to the Settings->Database and press the Test Button to check the Database

2.2.3 <u>Restore the Docket</u>

- 1. Copy the backed-up docket, e.g. Docket_20180206_1256.doc to the docket location, most likely to be the default C:\AxiBatch Data\Dockets
- 2. Rename the Docket to what ever you like or to the same name that is in the Settings

3 Console

3.1 Introduction

This section describes restoring the data the way it was, if installing AxiBatch on a new computer.

3.2 Console Settings Backup

3.2.1 To manually backup settings

- 1. Select File->Save Settings
- 2. In the dialog, set the filename and path location. The type should always be (*.config)

3.2.2 Auto Backup on Exit

Go to Settings->Console Setup->Backup

? Settings		×
 Settings Database Backup Master Master Options Docket Plant RFID Email Email Batch Report Email Docket Options Completed Load Options Copy Order Options Costings 	Console Backup Options ✓ Auto Backup before Exit Prompt me Backup to C:\AxiBatch Data\Console\Backups ✓ Add Date and Time Stamp Keep up to Keep up to 30 ✓ Add Date and Time Stamp Keep up to 30 ✓ Add Date and Time Stamp Keep up to 30 ✓ Add Date and Time Stamp Keep up to 30	

Check "Auto Backup on Exit" to enable the auto backups when AxiBatch exits.

Prompt Me, checked will ask the operator whether to perform the backup or not. Add Time Date Stamp, should be checked, to avoid replacing a corrupted database. This will add a date and time to the end of the database filename. "Keep up to" is the number of days you wish to keep in the backup directory. Anything older than this will be deleted to keep the memory available in reasonable order.

There are two separate paths you can back up to, one should be an external server or network hard drive, the other could be a USB Stick or another external computer.

3.3 Console Settings Restore

To restore settings in Console,

- 1. Login to Console (minimum Level 2 required) (if it is not connected to a database, you should login using the Technician or Administrator user level)
- 2. Locate the latest settings file and select it and press Open
- 3. Once done, File Exit Console, then restart it

4 Invoicer

4.1 Introduction

This section describes backing up and restoring the data for Invoicer the way it was, if installing Invoicer on a new computer.

4.2 Invoice Paths

4.2.1 Master Database Location

Settings		<u></u>	×
Settings	Master Database Settings		
– Options – Backup	Master Invoice Database Path C:\Data\Invoicer\Cranboume		
Plant Invoices Step2or4Editing	Test Database Connection		
Generation	Enable Multiple Invoice Databases		
ShortLoad	Master Invoice Location		
- Invoice Layout - Header - Header Toxte	for Settings and Invoice Layouts and Export List C:\AviBatch Data\Invoices\Settings		
- Header Texts2 - Header Texts3 - Header Special Codes - Invoice To Text - Header Special Codes 2 - Header Special Codes 3 - Header Special Codes 4 - Header 5 - Header Special Codes 4 - Header 5 - Head	AxiBatch Master Database Path Enable Computer Path		

Master Invoice Database Path, is the path for where the Master Invoice Database is located. Multiple Invoice software's can point to this same software.

The Master database will store the following tables, Plant Path information, Paths for Invoice Databases, Accounts, Users, and User Allocations to Databases. It does not store invoices that are generated.

Use the "Test Database Connection" to test the Master Database.

If "Enable Multiple Invoice Databases" is checked then the "Invoice Database Locations" table in the Master Database stores the location of the multiple Invoice Databases. This table is found by selecting Master Database->Invoice Database Locations. If this is not checked, then there is only 1 Invoice database called "Invoice.fdb" and is stored in the same directory as the Master database called "Master.fdb".

4.2.2 Location for Settings and Lists

This is the path where settings, export lists are stored. By default, it is usually "C:\AxiBatch Data\Invoices\Settings". An export list, is a list that defines how your invoices are exported to your accounting package.

4.2.3 Location of the AxiBatch Master Database

This is the path where the AxiBatch Master database resides if it is used. This allows you to access Customers from the Master Database in Step 2 and Step 4.

4.2.4 Location of the Backup Options

This is where you store the location of where backups are stored in. It is recommended that this enabled and the locations are other servers or externals drives and that add Date and Time Stamp are checked.

Settings Auto Backup Options Options Backup Backup Prompt me Backup Prompt me Backup Backup before Ext Plant C:\Auto Backup before Ext Invoices Generation Generation Generation Generation Generation Header Add Date and Time Stamp Keep up to 14 Header Header Texts Header Special Codes (Header Special Codes (Header Special Codes (Header Special Codes (

What is backed up?

- 1. Settings File
- 2. Export Lists
- 3. Master Database
- 4. Invoice Database(s)

These files are backed up when you exit Invoicer.

Master Invoice Database Location Path is entered in here again if the location of the Master Database is from a remote computer. Here you enter the mapped drive name of the database.

4.2.5 Location of Invoice PDF files

Enable Invoice Generation
Enable Invoice Generation
Deefin
Use Prefix from Plant
t Options
Enable Printing No. Of Copies 1 🖨
Printer Brother MFC-9140CDN Printer Select Printer
Enable Email Facility 🔲 Do not Print if Emailed
Use Customer Invoice Mode First
Path (Storage for all Invoices)
AxiBatch Data\Invoices\Invoices PDF
TEST Path for Invoices under Review
AxiBatch Data\Invoices\Invoices PDF Test

PDF Path – Location of where all invoices that are converted to pdf are stored.

PDF TEST Path – Location of where invoices that are set for review are stored (This is done in Step 5 when the "Run as Test (PDF Only)" is checked, and will not print or email invoices, but will just create PDF's in this directory and will not update the from Invoice number)

4.2.6 Path for Generation Results

Settings			
Database	Generation Options		
Options	Generation Type Customer Code	~	
-Backup	Order	~	
Plant	Use Docket number for Invoice Number		
⊟-Invoices			
-Step2or4Editing	Perform Check on Docket Number		
Generation			
- Gen Field Options	Action Do not add to invoice	~	
ShortLoad			
Invoice Layout	Calculate MISC Qty as Qty * Load for a Rate Type		
Header	Perform Check on Account Code		
Header Texts			
Header Texts2			
Header Texts3			
Header Special Codes			
- Invoice To Text			
- Header Special Codes 2	Default Path for Generation Results		
Header Special Codes :	C:\AxiBatch Data\Invoices\Results		

Default Path for Generation results. This is optional at the end generation, and results will be saved to this location.

ShortLoad	Invoice Header Options
Invoice Layout	Section Height 5500 🚖 Section Color
Header Header Texts	Suppress Header and use Detail Header
Header Texts2	Company Address Details Text
Header Special Codes Invoice To Text	Axion Concrete 148 Chesterville Road Cheltenham VIC 3192
- Header Special Codes 2	Phone 9555 3355
- Header Special Codes 3	Left Position 100
Header Special Codes 4 Header Box 1	Top Position 100 🖨 Justification Left 🗸
🖻 Detail	Font
- Detail Header Lines	Company Logo / Watermark
Detail Header Boxes	Show Logo Show as Watermark
Detail Fields	C:\Data\Invoices\myInvoiceLogo jpg
Summary Summary Boxes	Left Position 7600 🚖 Top Position 100 🜩
Summary Boxes2	Logo Height 0 💠 Logo Width 0 🖨

4.2.7 Path for Invoice Logo

Company Logo location for Invoicer. This logo will appear on your invoice.

4.2.8 Export Files Location

This is the location of where you exported files are stored. You would then point your accounting package to import them from this location.

4.2.9 Location of SYBIZ autoload files

This is only used if you are using the Sybiz accounting package.

Settings	– 🗆 X
Settings	- - ×
Aero Options Docket	

"Directory of the Clean AutoLoad.dbf file" is the location of the empty database file that replaces the previously generated one, once a new export is done.

"Directory location of the Generated AutoLoad.dbf file" is the location of where the exported file is created. Sybiz Accounting will import from this location.

4.3 Restoring Invoicer

If Invoice is installed on another computer and you need to restore ...

4.3.1 <u>Restore Settings</u>

- 1. Login in as a Technician
- 2. Select File->Restore Settings
- 3. Locate the last backed up settings file for Invoicer
- 4. Press Open
- 5. Restart Invoicer

4.3.2 Copy Database to their Locations

If the Master Database is not on a server and was always on the local computer, then you will need to copy the latest Master database to the directory pointed in Settings->Database->Master Invoice Database Path. This database is called "Master.FDB" but may be backed up as "Master YYMMDD_HHmm.FDB" where YY is the year, MM is the Month, DD is the day, HH is the hour and mm is the minute.

The Invoice Database is usually located in the same directory as the Master database, unless you have enabled "Enable Multiple Invoice Databases".

If you have multiple Invoice Databases, then each Database may need be manually copied to their appropriate locations and especially if they are located on the new computer you are restoring to.

4.3.3 Restore the Export Lists

Manually copy the export list(s) to the location as set by settings. (Settings->Database). These files will usually have the name of the accounting package with a date and time stamp attached to the end of it. The extension is ".lst" and may come as a pair.

E.g. MYOBDetails_20180320_1149.lst and MYOBHeaders_20180320_1149.lst. Make sure you rename them by removing the date and time stamp.

Here is a possible list:

MYOBDetails.lst MYOBHeaders.lst QuickbooksDetails.lst QuickbooksHeaders.lst SagePastelDetails.lst SagePastelHeaders.lst SybizDetails.lst SybizHeaders.lst UniversalDetails.lst UniversalHeaders.lst XeroDetails.lst XeroHeaders.lst

You only need to copy the Header and Details files to the accounting package you are using.

4.3.4 Restore the Company Logo

Manually copy the Invoice Logo to the location in Settings->Invoices-Invoice Layout->Header

5 AxiSoft

5.1 Location of AxiSoft Backup Settings File

The location of where the AxiSoft Settings are stored is in AxiSoft->Settings->File Paths->AxiSoft Settings File Backup Path.

? Settings		-	×
Settings AxiBatch File Paths Interfaces Aggregate Bins Aggregate Hopper 1 Aggregate Hopper 2 Surge Hopper Cement Hoppers Water Hopper IOModules TrekServer AviCab	Log File Paths AxiSoft Activity Log File Path C:\AxiSoft Data\Log Files\Activity AxiSoft Atom Log Files\Activity AxiSoft Data\Log Files\Alarms C:\AxiSoft Data\Log Files\Alarms AxiSoft Error Log File Path C:\AxiSoft Data\Log Files\Alarms AxiSoft Error Log File Path C:\AxiSoft Data\Log Files\Errors AxiSoft Performance Log File Path		
	Settings File Path AxiSoft Settings File Backup Path C:\AxiSoft Data\Settings		

In this directory the backup will be formatted as such...

AxiSoftSettings_YYYYMMDD_HHmm.config.

Where YYYY = year, MM = month, DD = day, HH = hour, mm = minute.

AxiSoft will automatically delete settings that are older than 60 days.

5.2 Manually saving the AxiSoft Settings

You can also manually save your settings using File->Save Settings, and then selecting your own file name. The file should be saved as a "Config" type.

5.3 Restoring AxiSoft Settings

You will need to log in at least as an Administrator (Level 2) to be able to restore settings.

To restore settings, select Tools->Restore->Settings from the menu. Select the File to restore.

Shutdown AxiSoft and Restart!