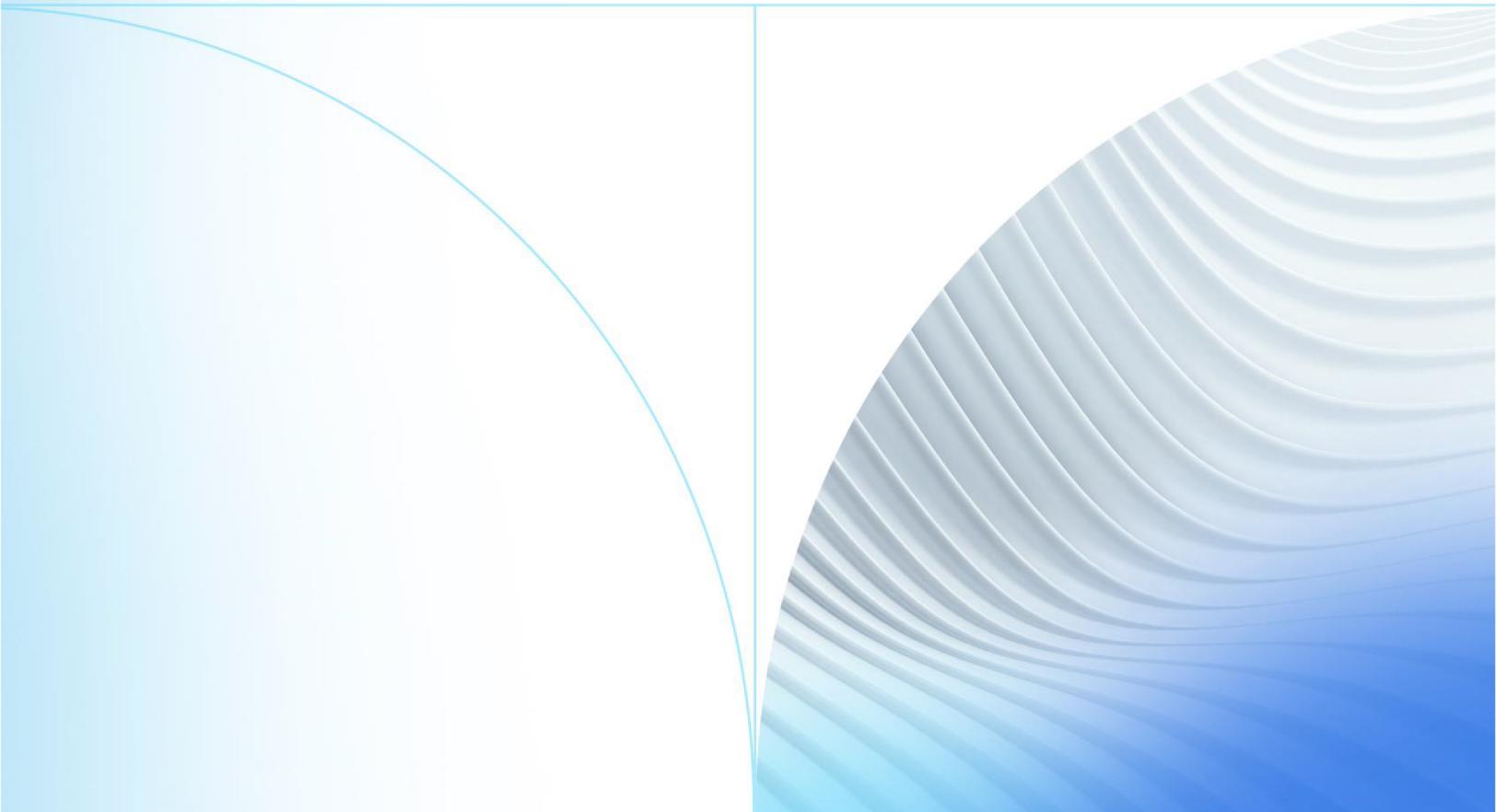




FactorSoft™

• Release v4.7

Payment XML Export User Guide



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Limitations on Maintenance Services

The FactorSoft™ application is intended for use in accordance with the standards and processes described within this documentation. Efforts to investigate and/or repair FactorSoft™ application or data integrity issues caused by activities or integrations outside of the intended use of the FactorSoft™ platform will be subject to the then-current Jack Henry Professional Services billable hourly rate.

Standard Maintenance Services (Technical Support) does not include the following:

Investigation and Remediation of errors and data integrity issues caused, contributed to, or by any of the following:

- a software program that was not originally provided by Jack Henry
 - third-party automation, BOT/Screen Scraping technology, custom importers, or any other integration with FactorSoft™ that was not created by or in conjunction with Jack Henry.
- any modification not provided by Jack Henry to the software or standard database schema
 - the addition of custom database elements including triggers, stored procedures, tables, and columns
 - the alteration of standard FactorSoft™ triggers, tables, columns, stored procedures and indexes
 - the execution of T-SQL scripts resulting in changes to the data stored within the FactorSoft™ database
- equipment, software, networks or any other infrastructure in the customer's environment that does not meet the minimum requirements described within the then-current FactorSoft™ product documentation

Please note that if you are exploring possibilities with third-party software providers or considering altering the FactorSoft database in any way, it is strongly recommended that you discuss your plans with the FactorSoft™ support team before making any commitments or changes. As your software partner, we may be able to help solve your business problem in a way that does not introduce risk, data corruption, or system instability.

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Payment XML Export

The Payment XML Export is a process in FactorSoft where the Engine exports XML files containing Payment Record Details and Check/Support Images associated with the payment. This process can be scheduled in **Administration Module > Export List**. Payment XML Export (**Payment XML Export**) must be turned on in the Control File.

SEPARATELY LICENSED ADD-ON MODULE

This feature is only available as a separately licensed upgrade.

For more information, contact your Jack Henry™ representative at lendinginfo@jackhenry.com

Security Roles

To configure the Payment XML Export, set the following Security Roles in **Security > Manage Roles > (Select Role) > Administrative Functions > System Control** folder:

Preference	Description
Export List (Update)	Must be set to YES to enable User to Update Export List.
Export List (View)	Must be set to YES to enable User to View Export List.

File Specifications

The Payment XML Export file format is:

Field	Element	Column	Type	Length	Description
Header Elements					
Total Check Amount			Numeric		Indicates total sum of payments in XML file
Total Check Count			Numeric		Indicates total number of Checks in XML file
Parameters					
ExcludeNF					True/False, If Non

Field	Element	Cloumn	Type	Length	Description
					Factored Payments are excluded from XML File
ExcludeImages					True/False, If Images are excluded from XML File
Export As Of					Displays Export As Of from Export Detail parameter.
FileDateTime					Date and Time XML Export was created. YYYY-MM-DDTHH:MM:SS.mmm
Check Records					
Number of Checks					Displays number of checks in XML file
Check Amt	PmntChecks	Amt	Money	8	Displays Check Amount.
Check Date	PmntChecks	CheckDate	DateTime	8	YYYYMMDD
Check #	PmntChecks	CheckNo	NVARCHAR	100	Displays Check Number associated with Payment
Client/Debtor Records					
Number of Customer					Number of Customers associated with the Check
Customer Name	Debtors	Name	NVARCHAR	200	Displays Customer/Debtor Name
ClientRef#	Aging	ClientRefNo	NVARCHAR	80	Displays Client Code
Payment Records					

Field	Element	Cloumn	Type	Length	Description
Number of Pay-ments					Number of Payments associated with Check
Invoice #	Invoices	InvoiceNo	NVARCHAR	60	Displays Invoice Num-ber associated with Payment
Applied	Payments	Type	Smallint	4	Displays Payment Type Y = Applied NF = Nonfactored or Held Funds
Amount	Payments	Amt	Money	8	Positive Payment Amount
Post Date	Payments	PostDate	DateTime	8	YYYYMMDD
Image Records					
File Type	Images	ImageType	Smallint	2	Displays Image File Type "Check" or "Support"
File Name	Images	FileName	NVARCHAR	200	Displays Unique File Name of Image

NOTE

A Check can be associated with more than one Client, can pay on more than one Invoice, and may have one or many images associated with it.

Sample File

A zip file is created with the XML file [PaymentExport_YYYYMMDD.xml] and any associated images. Below is a sample of a Payment XML Export file.

```

<?xml version="1.0" encoding="UTF-8"?>
- <File TotalCheckAmt="3908.5800" TotalCheckCount="2" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <FileInfoGroup ExcludeNF="False" ExcludeImages="False" ExportAsOf="Today" FileDateTime="20200728160444"/>
- <Checks NumberOfChecks="2">
  - <Check CheckAmt="954.23" CheckDate="20200701" CheckNo="CK72820-1">
    - <Customers NumberOfCustomers="1">
      - <Customer CustomerName="Walmart IL" ClientRefNo="ID0001">
        - <Payments NumberOfPayments="1">
          <Payment InvoiceNo="42720-1" Applied="Y" Amount="954.23" PostDate="20200710"/>
        </Payments>
      </Customer>
    </Customers>
  - <Images>
    <Image FileType="Check" FileName="20200728_153049507_0ehgbu5itq.tif"/>
  </Images>
</Check>
- <Check CheckAmt="2954.35" CheckDate="20200705" CheckNo="CK72820-2">
  - <Customers NumberOfCustomers="1">
    - <Customer CustomerName="Walmart IL" ClientRefNo="ID0001">
      - <Payments NumberOfPayments="4">
        <Payment InvoiceNo="42720-6" Applied="Y" Amount="954.26" PostDate="20200710"/>
        <Payment InvoiceNo="2320-3" Applied="Y" Amount="1000.00" PostDate="20200710"/>
        <Payment InvoiceNo="62119-ID1" Applied="Y" Amount="0.09" PostDate="20200710"/>
        <Payment InvoiceNo="6820-1" Applied="Y" Amount="1000.00" PostDate="20200710"/>
      </Payments>
    </Customer>
  </Customers>
</Check>
</Checks>
</File>

```

Export Detail

The *Export Detail* screen is used to create or view/modify export jobs. This screen appears after you click the **New** or **View** button on the *Export List* screen. Select **Payment Export with Images** in the Export Name field.

Field	Description
Description	Enter a descriptive name by which to identify the export job for display on the Export List grid.
Export Name	Select the type of export you want to occur. There are several types available.
Output Path	Enter the fully qualified computer or network path in which to write the export file. Alternately, click the ellipsis button to display a browser screen, which can be used to browse to the desired folder.
File Extension	Enter the file extension to append to the File Name. Any three-character alphanumeric value can be entered, but the file type is always an ASCII text file.

Field	Description
File name	Enter the file name for the database export file.
Date/Time Append	Select the option that determines whether the file creation date and/or time is appended to the file name for the database export file. <ul style="list-style-type: none"> • Not Appended • Date Only • Date/Time Only
Notify Email	Enter the email address to which to forward informational and error messages from database export jobs. Note that email notifications are generated for successful exports (Subject = "FactorSoft Export completed: <Description>") and failed exports (Subject = "FactorSoft Export failed <Description>"). An error message is included explaining the nature of the failure.
Allow Multiple Pending	Select this option to allow the database export to create multiple pending jobs for the Engine. Effectively, this will allow a periodic job to create a request to continue to create a job request to the Engine even if there is already a job request pending. All pending requests will be processed sequentially base on the Engine's prioritization of scheduled jobs. If this option is not selected, a periodic job will not create a second pending request when there is already a job request pending.
Save	Click this button to save changes to the database export definitions.
Cancel	Click this button to exit the screen without saving.

Parameters Tab

The Parameters tab is used to select the table to be exported, the sort column and the incremental upgrade option.

Field	Description
Export As of Date: 0=Today, 1=Yesterday	In the Value column, enter either a 0 or 1. 0=Today and 1=Yesterday. <i>This is a required field. If using the Specific Date parameter, either a 0 or a 1 must be entered.</i>
Use Specific Date	In the Value column, enter True enable the export to run for specific a date inter-

Field	Description
	val. When True, this overrides the Export As of Date parameter.
From Date	In the Value column, enter Date for Export to start. This field is Enabled when the Use Specific Date is True.
Thru Date	In the Value column, enter Date for Export to end. This field is Enabled when the Use Specific Date is True.
Exclude Payment Images	In the Value column, enter True to exclude payment image files from export.
Exclude Non-Factored Payments	In the Value column, enter True to exclude non-factored payments from export.
Client Code	In the Value column, enter specific Client Code to run the export for a single particular client.

Destination Tab

Use the Destination tab to configure the output destination for the database export.

Field	Description
Destination Type	Select the destination type for the database export. Note that all Destination Types write a file to the Output Path defined in the upper fields of the Export Detail screen in addition to the selected destination.

Field	Description
	<ul style="list-style-type: none"> • Email: Send the export file to an email address or addresses. Enter the Address in the provided field. if more than one, separate be semi-colon. • Folder only: Select this option to write the file to the Output Path defined in the upper fields of the Export Detail screen only. • FTP: Send the export file to an FTP site. Fields are provided to enter the FTP Address, User Name, Password and Sub-folder name • Secure FTP: Send the export file to a secure FTP site. Fields are provided to enter the FTP Address, User Name, Password and Sub-folder name
Purge Rule	<p>Select the purge frequency for the extract file in the output folder.</p> <ul style="list-style-type: none"> • None: no automated purge is performed. • Fixed Days: files are purged when the are older than the number of days set in the Purge Days field. • Until replaced: files are purged each time a new export file is created for this definition.

Scheduling Tab

Use the Scheduling tab to set the interval at which to generated the export via the Engine.

Field	Description
Run with Overnight	Select this option to run the database export when the task selected in Overnight Task is executed in the nightly Engine processes.

Field	Description
Run Once	Select this option to submit the database export to the Engine to be processed as soon as possible.
Periodic	Enter an interval number in the first field and select the interval from the drop-down list. The available options are: <ul style="list-style-type: none"> • Minutes • Hours • Days • Weeks
Day of the week	Select this option to poll on specific days of the week. Select the day or days of the week on which to poll from the adjacent list . To poll at a specific time of day, enter the time in the Time of Day field.
Week of the Month	Select this option to poll on specific week of the month. Select the applicable week in the adjacent list, and select the applicable weekday from the Day list. To poll at a specific time of day, enter the time in the adjacent Time of Day field.
Day of the Month	Enter the day of the month on which to poll. For instance, entering "15" polls on the fifteenth day of every month. To poll at a specific time of day, enter the time in the adjacent Time of Day field.

