FactorSoft® API™

Manual processes can be time-consuming for FactorSoft users and operational support teams. Whether you're onboarding new borrowers manually or creating XML file imports for a batch upload, processing invoices, or verifying collections, the work just takes longer when systems aren't integrated.

Fortunately, there's relief at the ready: The FactorSoft API enables data integration and automation, letting you streamline processes and reduce manual tasks so you can make more informed credit decisions, faster.

Faster, Easier Data Exchange

Spend less time initiating manual batch uploads and downloads and get immediate access to key factoring data points without waiting for end-of-day processing.

Enhanced Monitoring and Risk Management

Faster data movement means that up-to-the-minute insights can give you a clearer view of the factoring portfolio's health and opportunities to act quickly based on new information.

Streamlined Operational Efficiency

API connections offer opportunities to automate the transfer of key data between systems, saving time and reducing manual work.

Improved Customer Service and Communication

Use connected data to resolve issues faster, provide more personalized offers, and improve transparency and trust with the businesses you work with.

Data-Driven Decisions

More data at your fingertips – and in near real-time – gives decision-makers the tools for deeper analysis, risk reduction, optimized pricing strategies, and smarter decisions.

FactorSoft API

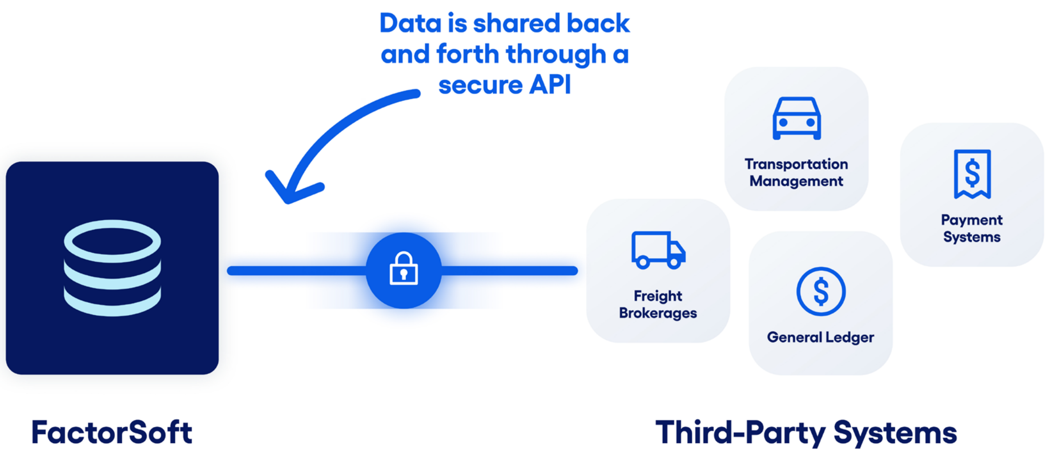
Your factoring system users and support teams need skill, expertise, and data – lots of data – to make smart, informed decisions. But getting that information and keeping it up-to-date often requires manual, repetitive, and inefficient processes to transfer data between FactorSoft and other key systems...until now.

For factoring system users looking for a better way to securely transfer data, the FactorSoft API enhances FactorSoft's capabilities – bringing opportunities for speed, efficiency, and deeper integration to your institution.

Instead of relying on manually-triggered batch updates and end-of-day processing, this API offers real-time data feeds to provide users and risk managers with a more accurate and immediate understanding of their factoring operations. This empowers your team to make faster, more informed decisions, manage risks more effectively, and provide superior service to your commercial clients.

technology that drives you forward

With the FactorSoft API in place, factoring data can flow bi-directionally between systems in near real-time. Information about debtors, invoices, payments, credit requests, and more can all be linked with your third-party systems, automating your processes and providing more current information at any time of the day or night.



next-level monitoring and risk management

When data moves in real time, you can kick your portfolio, borrower, and transaction monitoring into high gear. Use up-to-the-minute insights to track invoice submissions, payment statuses from your debtors, and a clearer view of your factoring portfolio's health.

Shift from reactive to proactive decision making and minimize potential losses by using real-time payment information to dynamically adjust credit limits, while real-time monitoring of invoice data and payment flows can help you identify potentially fraudulent activities and stop them in their tracks.

integration that drives better outcomes

When you use the FactorSoft API to integrate different systems, you're not just connecting systems – you're creating opportunities to change the way you work.

You could unlock automated reconciliation, using the API to reduce manual effort and the potential for errors as you receive real-time payment information directly into your general ledger or third-party accounts receivable software. Or double-down on making faster funding decisions and retain your competitive edge, as real-time access to submitted invoices speeds up your verification and funding approval process.

Consider optimizing your pricing strategies, using the real-time access to invoice values, payment timelines, and risk factors to inform pricing decisions. Or put a laser-like focus on customer service, creating more transparency for your debtors with immediate notifications for submitted invoivces, advances, or collections. The power to drive better business outcomes is in your hands when you harness API connectivity.

our growing list of API functionality

The API calls available today center around payment records, clients, contacts, invoices, and more. Here's a look at everything available in the API today, and you can expect additional calls to be added on a regular basis; we offer new releases twice a year, with service packs released monthly.

GET Calls

<table>
<tr><th>GET API Call</th><th>Description</th></tr>
<tr><td>Broker Information</td><td>Lookup Brokers; request all Brokers or a specific Broker by passing BrokersKey; returned data includes, First and Last Name, Company, etc.

Specific calls include:
brokers
brokers/{brokersKey}</td></tr>
<tr><td>CalcClient Information</td><td>Lookup CalcClient; request calculated amounts for clients or specific client by passing ClientKey; returned data includes Net Funds Employed, Total Funds Employed, etc.

Specific calls include:
calcclient
calcclient/{clientKey}</td></tr>
<tr><td>Carrier Information</td><td>Lookup Carriers; request all Carriers or specific Carrier by passing CarrierKey.

Specific calls include:
carriers
carriers/{carrierKey}</td></tr>
<tr><td>Carrier Terms</td><td>Lookup Carrier Terms; request all Carrier Terms or a specific Carrier Term by passing CarrierTermKey or ProgramsKey; returned data includes, Title, Inactive, Days, Rate, etc.

Specific calls include:
carrierterms
carrierterms/{carrierTermKey}
carrierterms/{programsKey}/carrierterms</td></tr>
<tr><td>Client Information</td><td>Lookup Clients; request all Clients or specific Client by passing ClientKey; returned data includes Name, Address, etc.

Specific calls include:
clients
clients/{ClientKey}
clients/banks
clients/{ClientKey}/banks
clients/groups
clients/{ClientKey}/groups
clients/{ClientKey}/documents/{docHdrKey}</td></tr>
</table>

GET API Call	Description
Collection Notes	Lookup Collection Notes for an Invoice by passing InvoiceKey. Specific calls include: • collectionnotes • collectionnotes/{invoiceKey}
Credit Requests	Lookup records in the Credit Requests; will need to add additional filters to the call so that Deleted records are not returned. Specific calls include: • creditrequests • creditrequests/{credRequestKey} • creditrequests/debtor/{debtorKey}
Debtor Information	Lookup records in Debtors; request all Debtors or specific Debtor by passing DebtorKey; returned data includes Name, Address, etc. Specific calls include: • debtors • /debtors/{debtorKey} • /debtors/contacts • /debtors/{debtorKey}/contacts • /debtors/motorcarrno/{motorCarrNo} • /debtors/groups • /debtors/{debtorKey}/groups
Disputed Invoices	Lookup Disputed Invoices; request all Disputed Invoices; returned data includes Invoice#, DisputeCode, etc. Specific calls include: • InvoiceDisputes
Funding Amounts	Lookup the amount funded to the borrower. Specific calls include: • fundingamounts • fundingamounts/{clientKey}
Import History Status	Lookup Import History Status; request a specific Import History Status; returned data includes File Name, Drop Time, Status, etc. Specific calls include: • importhistory/{importHistoryId}

GET API Call	Description
Invoices	Lookup Invoice records between specified date range or specific Invoice by passing InvoiceKey. Specific calls include: • invoices • invoices/{invoiceKey} • invoices/{invoiceKey}/payments • invoices/{invoiceKey}/collectionnotes • invoices/client/{clientKey} • invoices/{invoiceKey}/images/{imageKey}
Payments	Lookup payment records using InvoiceKey. Specific calls include: • payments • payments/{paymentKey}
Payment Checks	Lookup Payment Checks; request all Payment Checks or a specific Payment Check; returned data includes CheckNo, Amount, Check Date, etc. Specific calls include: • pmtchecks • pmtchecks/{pmtChecksKey}
Relationship Information	Lookup aging records for specific Client by passing ClientKey, Client/Debtor by passing ClientKey/DebtorKey or Debtor by passing DebtorKey. Specific calls include: • relationships • relationships/maxid • relationships/client/{clientKey} • relationships/debtor/{debtorKey} • relationships/client/{clientKey}/debtor/{debtorKey}

GET API Call	Description
Table Information	Lookup all Account Groups or a specific Account Group by AcctGroupHdrKey, All Dispute Code or a specific Dispute Code by DisputeCodeKey, All Image Types or a specific Image Type by ImageTypeKey, all Insurers or a specific Insurer by InsurerKey, all Verification Methods or a specific Verification method by VerMethodKey, all Verification Receive or a specific Verification Receive by VerReceiveKey. Specific calls include: • acctgroup • acctgroup/{acctGroupHdrKey} • disputecode • disputecode/{disputeCodeKey} • imagetype • imagetype/{imageTypeKey} • insurers • insurers/{insurerKey} • vermethod • vermethod/{verMethodKey} • verreceive • verreceive/{verReceiveKey}
Transactions	Lookup Transactions; request all Transactions or a specific Transaction; returned data includes Status, Create Date, Batch#, etc. Specific calls include: • transactions • transactions/{transKey}
Users	Lookup Users, request all Users or a specific User; returned data includes UserKey, Description, Title, etc. Specific calls include: • users • users/{userKey}
Vendor Delivery	Lookup Vendor Delivery files; request a list of all Vendor Delivery Files or a specific Vendor Delivery file. Specific calls include: • vendordelivery • vendordelivery/file/{vendorImageId}

POST Calls

POST API Call	Description
Accepts a zip file ready for delivery to the engine for processing. The response will provide an Import History ID that can be used to access the status of the import using the GetImportHistory status call. See the import guide for file specifications.	Upload Import files; specific file type: InvoiceXML, NotesXML, ClientInfoXML, TRM and TRN; Specific calls include: • uploads/invoicexml • uploads/notesxml • uploads/autocash/{fileType} » Acceptable fileType: TRN, TRM • uploads/clientinfoxml
Accepts a JSON	Upload a Collection Notes and Dispute Notes for a specific Invoice by InvoiceKey, purchase transactions along with image files, a specific CreditRequest, a specific Debtor, a specific Client provided JSON patch document. Specific calls include: • invoices/{invoiceKey}/collectionnote • invoices/{invoiceKey}/disputenote • transaction/{batchGuid}/image/{imageGuid} • transaction/purchase • creditrequests • debtors • clients

Relationship Information	Update a specific Client/Debtor Relationship by ClientKey and DebtorKey, a specific Vendor Delivery by VendorImageId, using provided JSON patch document.
	
	Specific calls include:
	• relationship/client/{clientKey}/debtor/{debtorKey}
	• NOA Date Received
	• NOA Date Sent
	• Insurer Amount
	• Insurer Key
	• Insurer Expire
	  » Note: Insurer information honors system preferences located System Preferences > Client rules/de-faults > Edits > Insured by folder.
	• vendordelivery/status/{vendorImageId}
	  » dateRetrieved
	• vendordelivery/status/{vendorImageId}
	  » dateRetrieved

dreaming of the possibilities

With so many possibilities, it can be hard to know where to begin. Consider these possibilities that are unlocked with the FactorSoft API:

CRM Integration

Without an API, we know that you're likely to onboard new customers to the system manually or via a batch file import. This hands-on process can be done more efficiently with the FactorSoft API, using API calls to transfer client data to any Client Relationship Management (CRM) system that supports API connectivity. You'll save time, manual entry, and batch uploads when you use the API to update your CRM automatically with new borrower data.

Invoice Processing

There's a good chance that your efficiency-focused FactorSoft team prefers automated processes for invoice processing, and for good reason: manually entering invoice batches into the system is inefficiency and (let's be honest), work that's not exactly engaging.

Using the FactorSoft API can streamline the process of getting invoice data, notes and images into the system, which in turn speeds up the funding process. This means that your users no longer need to rely on manually processing invoice batch files or spreadsheets, and your customers can receive their funds faster.

Payment Acceptance and Processing

Using the API, your factoring institution can automate payment processing by integrating your payment platform, improving their real-time portfolio analysis and risk management capabilities.

Verification and Collection

Many FactorSoft users have entire teams dedicated to verifying invoices prior to making funding decisions or using resource-heavy processes like calling the account debtor to receive key payment information such as will pay dates, check amounts, and more. This API will allow you to integrate with vendors who provide this same service but push the data directly into FactorSoft, freeing up your employees to perform higher-value tasks.

Credit Analysis

Your borrowers expect a quick turnaround for their factoring needs, which means you likely have people dedicated to working credit requests for these clients. This API helps by automating data exchange and providing real-time information that your lenders can use to make more informed credit decisions, faster.

Accounting and General Ledger

There's a good chance that you need data to flow between FactorSoft and your third-party accounting system. Without an API, that means you'll be manually exporting the data out of FactorSoft and importing it into an accounting or general ledger system. Using the FactorSoft API will allow your factoring lenders to automatically integrate between the systems without needing to rely on a manual batch process.

support for your rollout

Let's be real – implementing the FactorSoft API requires some technical work on your side. If you have a team of coders who write to APIs on the daily, great! They'll know just what to expect out of the technical documentation and can work directly with our project managers to get you up and running. But if APIs are a bit outside your comfort zone, we've got your back. Jack Henry's Technical Account Managers are available to support your project through a contracted TAM engagement with our Developer Relations team.

let integration unlock efficiency

Let's talk about how we can help. Reach out to our team today!

For more information about Jack Henry, visit jackhenry.com.