



IQ Retail Application Programming Interface (API)

This document highlights the key features available within IQ Retail API.

The purpose of this document is to summarise the features available within the IQ Retail API. Note that additional services may be required to implement these features or to undertake an integration project utilising this technical tool.

Overview

The IQ Retail API is a product that facilitates an interface with specified software applications.

Its Service Oriented Architecture (SOA) allows for a custom-built website or a software application that can support the use of the API to be integrated with IQ Retail, using the available features of the API. The IQ Retail API is a RESTful API that can be used to connect the IQ Retail system with a variety of applications and support both JSON and XML payloads.

The API provides the facility to retrieve data from IQ Retail in read-only mode and it also allows for specified data records to be added or updated.

The following records may be accessed utilising the API. Note that the data being imported will be validated where appropriate, and failure to meet these validation checks will result in the transaction being aborted. For a full list of the features supported, and the properties that need to be supplied to facilitate integration with third party applications, please refer to the product documentation.

Financial

- Financial journals may be imported into IQ Retail
- Customer Journals may be imported into IQ Retail
- Supplier Journals may be imported into IQ Retail
- Customer and supplier master details may be imported into IQ Retail

Trading

- Customer and supplier master details may be retrieved from IQ Retail
- Customer selling prices, including contract prices, may be retrieved from IQ Retail
- Customer quotations may be imported into IQ Retail
- Customer orders may be imported into IQ Retail
- Customer invoices and credit notes may be imported into IQ Retail
- Sales orders may be converted to invoices within IQ Retail
- Customer loyalty schemes can be accessed from IQ Retail and updated
- Stock values may be retrieved for each branch from IQ Retail
- Purchase orders may be imported into IQ Retail
- Customer & Supplier prices may be imported into IQ Retail
- Active Promotions may be requested from IQ Retail
- Sales Reps may be requested from IQ Retail
- Sales reps may be imported into IQ Retail
- Stock Master details may be imported into IQ Retail

Other

- Generic SQL may be used to retrieve combined data from multiple data sources. This provides the ability to create a SQL statement, possibly joining data from more than one table, with the ability to execute that statement from an API call and return the results. This is a read-only function.

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