

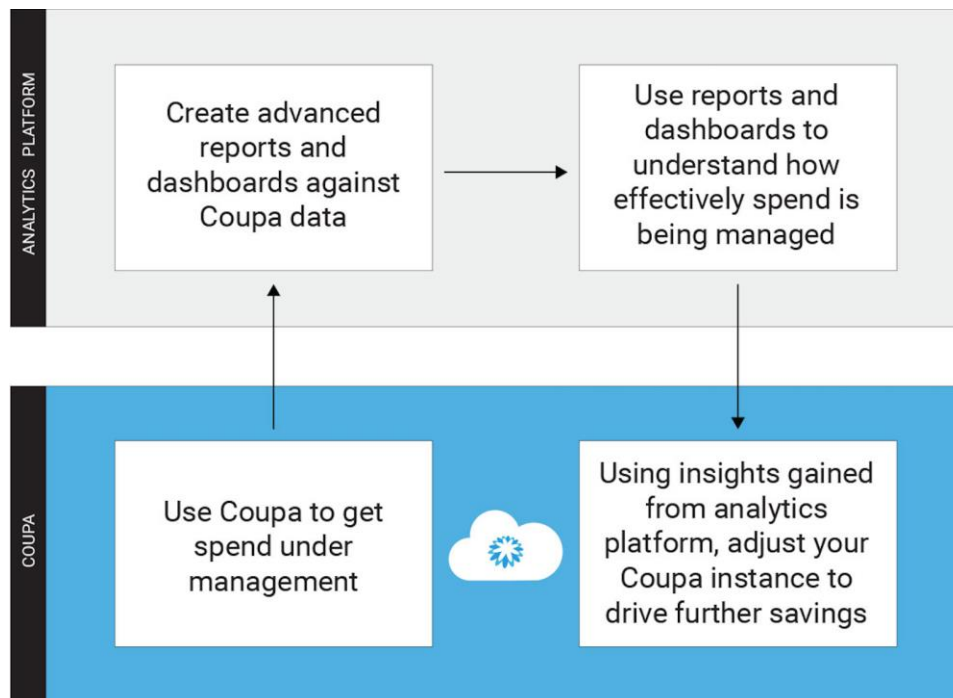
Business Intelligence

To truly get spend under management, it is critical that businesses understand how they spend their money. Businesses need to be able to analyze their spend to identify opportunities that can drive further savings. Coupa can integrate seamlessly with other Analytics platforms that can translate raw Coupa data, provide meaningful insights into their spend, and allow for strategic decision-making.

Business Process Overview

Coupa has a wealth of data regarding spend of the business. This data can be extracted out of Coupa and into business intelligence platforms. Users can then leverage the third party Analytics platform to:

- Create reports against Coupa data
- Create dashboards that visualize Coupa data
- Combine Coupa data with datasets from other sources to allow for holistic analysis





Designing the Solution

Coupa will export data out of Coupa into an sFTP. An sFTP account will be generated for you to login and retrieve the data. After retrieving the Coupa data, it must be transformed into a format that your system can consume.

After the Coupa data is in your system, users can leverage your platform to create advanced analytics reports and dashboards.

- The following objects can be exported out of Coupa.
 - Requisitions
 - Purchase Orders
 - Receipts
 - Invoices
 - Expense Reports
 - Approvals
 - Approval Delegates
 - Contracts
 - User Logins
 - Invoice Payments

- Assumptions
 - Data **will** be in a pre-defined standard Coupa CSV format
 - Data **will** be exported to a Coupa hosted SFTP server
 - Schedule and frequency **will** be predefined by Coupa
 - Standard and predefined extraction criteria **will** be used
 - Flat files use the following conventions taken from RFC 4180.
 - The delimiter is a comma: ,
 - All fields are always text qualified (enclosed) with the double quote character: "
 - Double quote characters within a field are escaped by another double quote character. If a user enters: Status is "Green" in a comment field, this would be represented as "Status is ""Green"""
 - New Line characters may be allowed within qualified field values.
 - Text-Encoding: UTF-8 (with No Byte Order Marker (BOM))
 - It is the responsibility of the client to delete the datafile from Coupa's SFTP site once they consume the file.

Building your integration

- The CSV format for each object can be found below:
 - [Requisitions](#)
 - [Purchase Orders](#)
 - [Receipts](#)
 - [Invoices](#)
 - [Expense Reports](#)
 - [Approvals](#)
 - [Approval Delegates](#)
 - [Contracts](#)



- [User Logins](#)
- [Invoice Payments](#)

Test Scenarios

In order to be CoupaLink certified, you must demonstrate that your solution is capable of providing the following dashboards/reports:

- Total Spend by commodity (For PO's and Invoices)
- Total Spend by department (PO's)
- Total Spend against contract (For PO's and Invoices)
- Total Spend by Category (For Expenses)
- Total Spend by Merchant (For Expenses)
- Total spend for non-PO backed Invoices (Invoices)