



SAP Ariba 

Feature at a glance

Operational Reporting API for Strategic Sourcing

Sachin Deshmukh
Target GA May, 2018

Confidential

Feature at a Glance

Introducing: Operational Reporting API for Strategic Sourcing

Customer challenge

Sourcing customers want access to real-time data so they can generate more meaningful reports.

They also would prefer to load their Sourcing data into one single consolidated reporting data warehouse behind their firewall

Meet that challenge with



New public APIs which will allow customers to export Sourcing data using Ariba's API gateway and load the data directly into their own database.

Customers can leverage these APIs to integrate directly with any reporting tool which supports calling REST type APIs with JSON data format

& Experience key benefits

Provide Sourcing users with access to more current Ariba Sourcing data. Allow users to leverage other in-house reporting tools to report on Sourcing data.

Solution area

SAP Ariba Sourcing

Enablement information

This feature is "on" by default for customers of **Sourcing**. No action is required to utilize this feature.

Value measure

Ease of implementation

Region availability

● high

● high-touch

● global

Feature at a Glance

Introducing: Operational Reporting API for Strategic Sourcing

Detailed feature information

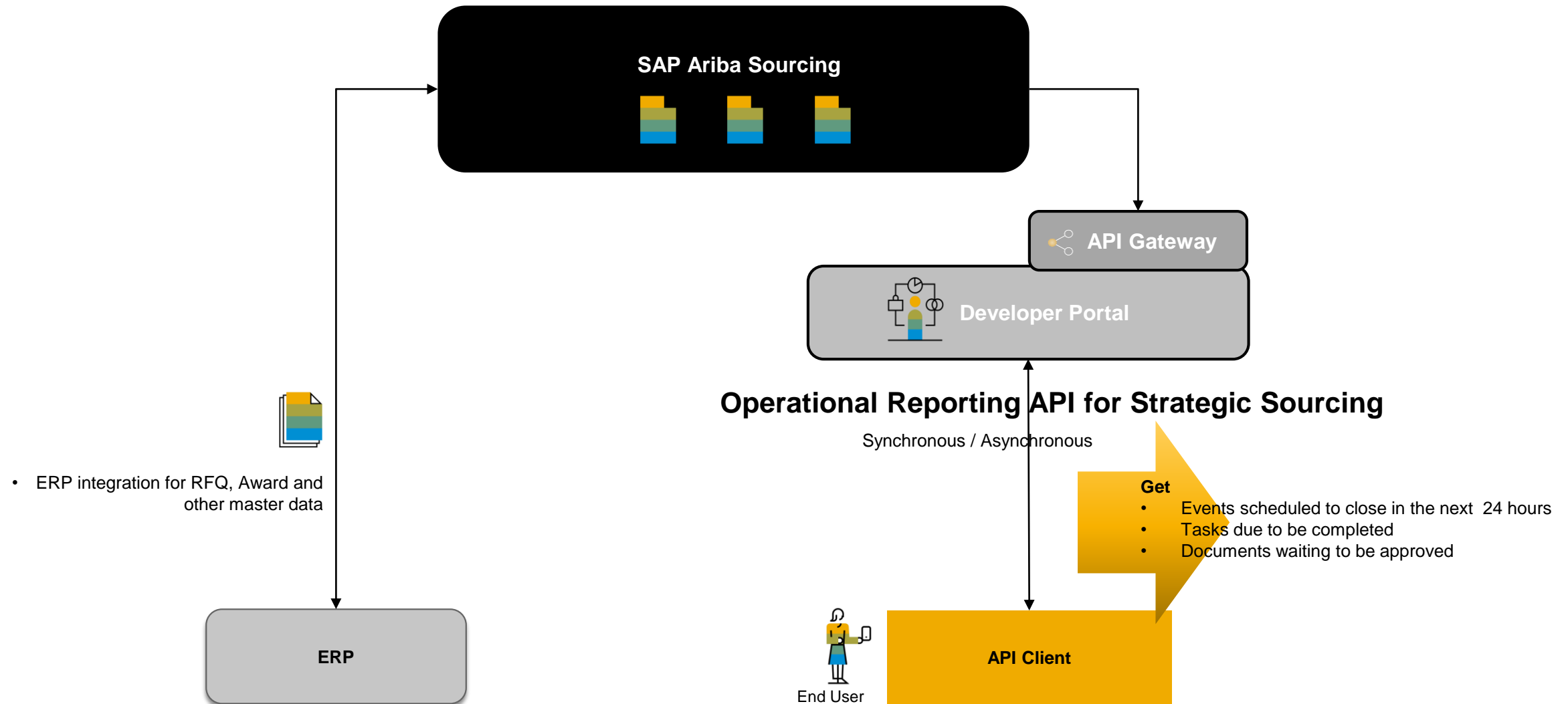
New API which will allow Sourcing customers to export close to real-time data and load the data into a database behind their firewall or they can integrate the APIs directly from any reporting tool which supports calling REST type APIs.

To use the product, customers must be familiar with configuring client applications to call REST type APIs with data returned in JSON format. SAP Ariba's public APIs leverage SAP Ariba API security standards as well as oAuth authentication as the framework to manage API calls through SAP Ariba's API gateway.

Steps in order to become familiar in using the new APIs:

1. **Register** as a user on SAP Ariba's API **Developer Portal** in order to get access to the API documentation
2. Reference the API documentation which includes swagger and authentication documentation for REST and SAP Ariba APIs
3. Test and become familiar in constructing an API call by using sandbox data available on the Dev Portal
4. From the Dev Portal **generate necessary applications, client IDs, tokens** in order to call the API from a client application
5. Follow SAP Ariba API and **oAuth standards** to call SAP Ariba APIs from a client application as referenced in the documentation on the Dev Portal
6. Request Ariba to **map the Client ID for the new client app. to an existing Sourcing realm** in order to get access to Sourcing data
7. Test API client by calling the APIs and pulling data from the Ariba Sourcing realm

Operational Reporting API for Strategic Sourcing - Workflow



Operational Reporting API for Strategic Sourcing - **key data points**

Supported Document Types

- User
- Organization
- SourcingProject
- Task
- RFXItemValue
- DocumentTask
- RFXDocument
- AuditEntry
- ProjectAuditInfo

Supported Filter parameters for all Document Types

- createdDateFrom
- createdDateTo
- status (CompletedZeroRecords, Pending, Processing, completed)

Some Strategic Sourcing use cases

- Events scheduled to close in the next 24 hours
- Tasks due to be completed
- Documents waiting to be approved

Considerations

A valid API request for the SAP Ariba Operational reporting API for strategic sourcing is always limited in the following ways:

- The maximum number of records returned is 10,000
- The maximum timespan for records returned is one month

Request type	Time	Max. Requests
Asynchronous job post requests	Per second	1
	Per minute	2
	Per hour	8
	Per day	40
Asynchronous requests to get job status, download files	Per second	2
	Per minute	20
	Per hour	200
	Per day	1000
View template management requests	Per second	1
	Per minute	10
	Per hour	100
	Per day	500