



SAP Ariba 



Feature at a Glance

Ariba Network Invoice Header Data Extraction API

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Feature at a Glance

Ease of implementation  Low complexity
Geographic relevance  Country-specific

Introducing: Ariba Network Invoice Header Data Extraction API

Customer challenge

Buyers and Suppliers may have various use cases where extracted data from header information of invoices transacted through the Ariba Network would build the data foundation.

Such use cases could be the list of invoices which have been rejected and require corrections or the list of invoices which have pending approvals.

Meet that challenge with **SAP Ariba**

Ariba Network now provides an API which enables customers to access the Network and extract the relevant header information from one or many invoices.

Experience key benefits

The invoice header API may help customers streamline their work and expedite the end to end invoice processing and automation cycle.

Solution area

SAP Ariba APIs
SAP Ariba Developer Portal
Ariba Network

Implementation information

The feature is automatically on for all customers.

Prerequisites and Restrictions

In order to create an application and request access to use the SAP Ariba APIs relevant to this feature, access to the SAP Ariba developer portal is required. The access to the APIs is restricted to Ariba Network suppliers with Enterprise accounts. Standard Account suppliers are not able to access the SAP Ariba Developer Portal.

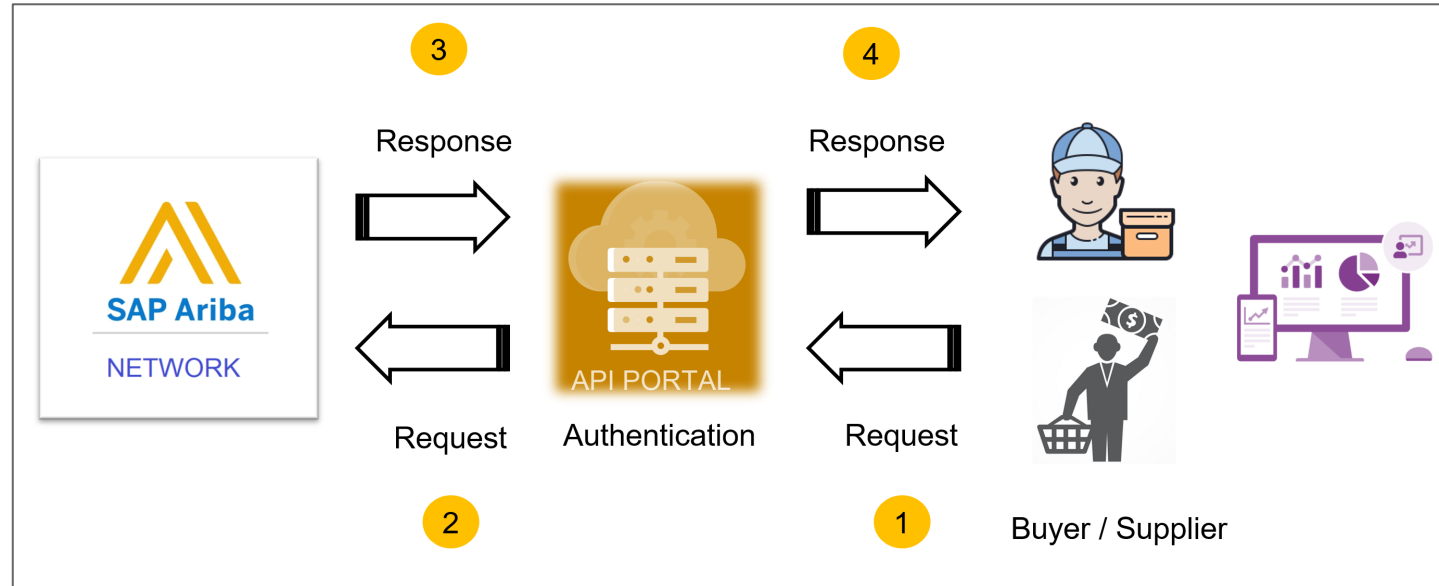
All queries made to this API must be authenticated using OAuth authentication.

API client ID in Ariba Network must be configured

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Process Flow



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API filters

Users may use certain filters as parameters in extension to the endpoint URL.

- **buyerANID** - The customer's ANID. The invoices corresponding to that particular buyerANID will be fetched.
- **supplierANID** - The supplier's ANID. The invoices corresponding to that particular supplierANID will be fetched.
- **documentNumber** - Same as the invoice number. The user can get header level information for a particular document.
- **invoiceStatus** - Invoice Status indicates where the invoice stands in regard to your processing of the document. The invoice status can be (INVOICE_SENT, INVOICE_FAILED, INVOICE_REJECTED, INVOICE_APPROVED, INVOICE_PAID, INVOICE_CANCELED, INVOICE_OBSOLETE, INVOICE_IN_PROGRESS, INVOICE_PENDING_APPROVAL, INVOICE_NOT_KNOWN).
- **routingStatus** - Routing Status indicates whether an invoice is queued, sent, acknowledged, or if routing failed. The routing status can be ("Sent", "Failed", "On Hold", "Queued", "Acknowledged", "Obsoleted")
- **startDate** - Search by the date on which Ariba Network received the invoice. The maximum date range is 31 days.
- **endDate** - Search by the date on which Ariba Network received the invoice. The maximum date range is 31 days.
- **documentPurpose** - Search the documents based on the document purpose. The purpose values can be ("standard", "creditMemo", "debitMemo", "lineLevelCreditMemo", "lineLevelDebitMemo")

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API Response (sample)

```
1  {
2    "content": [
3      {
4        "documentNumber": "inv-055",
5        "supplierName": "jUnitOrg - jrKviDFb5d5139fd50810",
6        "supplierANID": "AN0200000218",
7        "buyerName": "jUnitOrg - aZ4WiYb05d51344950180",
8        "buyerANID": "AN0200000214",
9        "createdDate": "2020-01-14T08:24:33+05:30",
10       "routingStatus": "Sent",
11       "documentStatus": "Sent",
12       "payloadId": "1578990273948-7350184166859023869@127.0.0.1",
13       "documentDate": "2020-01-14T08:24:33+05:30",
14       "netTerms": null,
15       "documentStatusComments": "The document was added to the pending queue for download.",
16       "documentStatusDate": "2020-01-14T13:57:03+05:30",
17       "externalInvoiceNumber": null,
18       "externalOrderNumber": "647532238",
19       "numberOfItems": 1,
20       "purpose": "standard",
21       "signFromCountry": null,
22       "signToCountry": null,
23       "tax": {
24         "amount": 251.52,
25         "currencyCode": "USD"
26       },
27       "totalAmount": {
28         "amount": 1823.52,
29         "currencyCode": "USD"
30       },
31       "type": "TypeContract"
32     },
33   ]
34 }
```

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