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# RESEARCH & DEVELOPMENT LAB

Inspired by our Customers, Led by our People, Powered by Knowledge

SAP Recognized Expertise
in Cloud Procurement Solutions

SAP Silver Partner

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# R&D LAB

Design & Development of New Products (IP)

Solve specific requirements not covered within the solution

Product Extension

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# THE USE OF API'S

The SAP solutions ecosystem is an open environment that has hundreds of access points and functionality that can be called from outside of the SAP environment. That allows the customer to exchange information, manage behavior and integrate with other non-SAP systems. That is done through API's (Application Programming Interface).

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# THE USE OF API'S

## PROCUREMENT

**Document approval API:** Enables you to create and use an external application to obtain approval, denial, and comments on requisitions and invoices generated in an SAP Ariba procurement solution, either systematically or by presenting the approval task to one or more approvers.

**Custom Forms API:** Enables your application to get custom forms document information or data for reporting or sending to an external ERP system.

**Operational Reporting for Procurement API:** Enables you to retrieve header, line item, and other details for transactions (such as purchase requisitions, purchase orders, receipts, invoices, and invoice reconciliation) through REST API calls and then load the data into your preferred data warehouse or application, combine it with other organizational data, and build reports to fit your needs.

**Integration Monitoring for Operational Procurement API:** Enables you to retrieve status of import and export file channel integration events for transaction and master data in an SAP Ariba procurement solution.

**Analytical Reporting API:** Enables you to extract and report on analytical data that you need for specific processes, such as importing to a customer's warehouse or creating dashboards for trend assessment.

**Catalog Content API:** Enables you to fetch catalog data (such as catalog subscriptions, attribute-based faceted catalog data, and all or a filtered subset of catalog items).

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# THE USE OF API'S

## STRATEGIC SOURCING

**Operational Reporting for Strategic Sourcing API:** Enables you to extract and report on the transactional sourcing data that you need to make decisions for operational activities, such as events scheduled to close the next day, tasks due. or documents awaiting approval.

**Integration Monitoring for Strategic Sourcing API:** Enables you to retrieve status of import and export file channel integration events for transaction and master data en SAP Ariba Strategic Sourcing solutions.

## ARIBA NETWORK

**Flow Extension API:** Enables you to enrich processes and documents (including purchase orders, order confirmations, advance shipment notifications, goods receipts, and invoices) in Ariba Network with information external to SAP Ariba.

**Transaction Monitoring for Tracking Supply Chain Collaboration API:** Enables you to quickly and reliably monitor supply chain collaboration transactions across Ariba Network and gain high visibility and traceability into associated business processes and documents.

**Discovery RFx Publication from External Marketplace API:** Enables you to publish SAP Ariba Discovery events to an external marketplace to increase the number of bidders.

**Discovery RFx Publication from External Marketplace API:** Enables you to post SAP Ariba Sourcing RFx events on portals and Web sites outside the usual discovery area, increasing the number of potential bidders by exposing events to new audiences in new venues.

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# THE USE OF API'S

## SUPPLIER MANAGEMENT

**External Approval for Sourcing and Supplier Management API:** Enables you to efficiently process external approvals for tasks in sourcing documents, contract documents, and supplier management approvals documents. Also enables you to retrieve contract document details.

**Supplier Data API:** Enables you to access supplier data on a read-only basis for integration to a third-party tool; for example, to get a list of all suppliers with registered, qualified, or preferred status for a specific category, region,  and business unit. (Only available for suppliers through SAP Ariba Supplier Lifecycle and Performance and SAP Ariba Supplier Information and Performance Management.)

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# DELIVERY MODEL

Focused on service excellence and
leveraging our strengths

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# DELIVERY MODEL | Focused on service excellence and leveraging our strengths

ONSITE

## DEPLOYMENT TEAM

- Project Manager
- Functional Consultants

REMOTE

- SouthEnd Application Support Center (SASC) & Centre of Excellence
- Demand Management
- Application Support Center
  (Corrective, preventive, Perfective)
  - ENABLEMENT ACTIVITIES
  - CONFIGURATION MANAGEMENT
  - R&D LAB
- INTEGRATION AND SOLUTION EXPERTS
- TRAINING & KX MANAGEMENT
- SOLUTION ARCHITECT

Integration & Technical Lead

SOUTHEND RESEARCH & DEVELOPMENT LAB

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R&D LAB
Focused on imagine, build and deliver solutions to
complement or supplement ARIBA products

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# R&D LAB | Focused on imagine, build and deliver solutions to complement or supplement ARIBA products

## DEVELOPMENT PLATFORMS

**SCP**
*(SAP Cloud Platform)*

**AWS**
*(or other cloud-based hosting)*

**SAP-ERP**
*(Using ABAP or Fiori)*

## CONNECTORS

**API's**

**Webservices**

## SOLUTIONS

- Mobile Apps
- Web Apps
- Integrations
- Product development
- UX Design
- User Interface Design

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# R&D LAB | Examples

## Data validation with external sources:

Validate supplier data with external data sources in SLP (Tax ID validation, Supplier Risk Management integration, updating supplier status based on external parameters)

## Monitoring & Reporting:

Interfaces Monitor (in one simple screen monitor all the interfaces between the ERP and SAP/Ariba)

Contracts balance check and reporting (for upstream clients only, allows the client to check the balance on theirs contracts against the ERP). Real time validation.

SLP reporting solution (create and program supplier reports from SLP)

Bids comparison chart (for final reports on negotiations in Ariba Sourcing allows the user to add taxes and look for past prices on the ERP to have all the required information to decide)

## Integration:

Ariba Sourcing & Ariba Buying Custom Integration. In the standard “ARIBA Buying Requisition-to-ARIBA Sourcing Request” integration, line items fields are not included. That limitation created the need of manual workaround for specific fields that are required for a negotiation from the request. SouthEnd created a solution to this problem allowing to integrate any additional fields in the Requisition from Ariba Buying with the Sourcing Request.

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