Punchout Catalog Integration via Ariba (SAP Business Network)

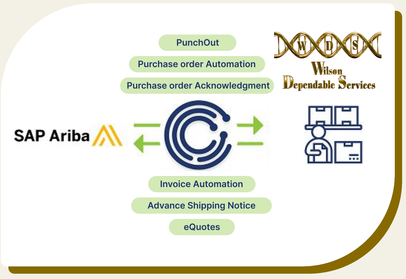
Organization

SAP Ariba

A multi-site **biopharma research network** standardized on SAP Ariba for requisitions, approvals, and settlement. PunchOut was selected to give scientists **real-time access** to WDS contract-approved items while preserving Ariba approval flows and auditability.

Need

- Real-time visibility to **contract-approved SKUs** (award filters, restricted-item blocks).
- Accurate cart returns with **supplier part IDs, UNSPSC, UoM, and contract pricing.**
- **Split accounting/project codes** and ship-to validation to reduce rework.
- End-to-end document visibility: **Order Acknowledgement, Advance Ship Notice, Invoice.**
- Diversity/UBE reporting fields carried through to PO/invoice data.



Response

Wilson Dependable Services partnered with the institution's Ariba implementation team to deliver a fully compliant punchout catalog integration.

Key solution elements:

1. **PunchOutSetup** (cXML) with authenticated ANIDs & user identity; optional SSO.
2. **Cart return mapping** (ItemOut) for awarded items only; price/UoM/UNSPSC, tax & freight lines as allowed; block non-contract items.
3. **Order Acknowledgement** (cXML ConfirmationRequest) including ship/partial/backorder codes.
4. **ASN/Ship Notice** (cXML ShipNoticeRequest) with package lines and tracking.
5. **Invoice** (cXML InvoiceDetailRequest) enabling 3-way match and line-level **reconciliation**; tax/shipping on separate lines.
6. **Governance & testing**: config promoted through **test tenant → production**, schema validations with SAP support; no hosted-catalog "refresh" required (content is supplier-side).

Outcome

- **Zero manual touchpoints** from requisition → PO → invoice (exception-based only).
- **Price compliance** and eligibility enforced at cart return; fewer change orders.
- **Cycle time reduced** (days → hours) for lab consumables; improved receipt/invoice match rate.
- Better auditability and **supplier diversity reporting** via structured fields.

PunchOut for SAP Ariba

SAP Ariba

Fulfilled via: **cXML PunchOut on SAP Business Network (Ariba)**

Product: **Contract-approved scientific & laboratory SKUs; real-time pricing from WDS ERP.**

Timeline: **Project kickoff March 2025 (test tenant certification and go-live phases follow).**

Compliance: **Contract-filtered listings; 3-way-match-ready; diversity fields; SOC-aligned platform controls.**

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