

# Interface Specifications

An Interface specification is required for the following custom development types:

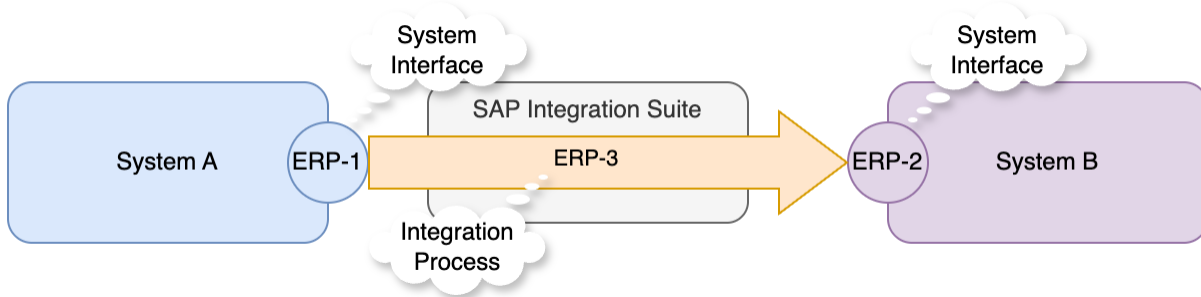
- Integration Process (custom)
- Integration Process (standard)
- System Interface

## Integration Process vs. System Interface

A **System Interface** is implemented inside an application system, such as S/4HANA. It either provides ("sends out") data from the system to an external receiver; or receives data from an external receiver, and stores it in the database.

An **Integration Process** connects System Interfaces together. It is implemented in a middleware system such as SAP Integration Suite.

These are separate specs because their implementations are separate, implemented using different code and tooling, and usually built by different teams.



In the diagram above, there are three specs:

- **ERP-1** - a **System Interface** implemented in System A, and built and maintained by the people who look after System A. This system interface is responsible for reacting to events generated inside System A (e.g. business events, batch job timers, user actions, etc.), extracting data from the private database of System A, serialising this data into a message of a specified format, and then sending it to an external system - in this case the SAP Integration Suite middleware.
- **ERP-2** - a **System Interface** implemented in System B, and developed using code and frameworks relevant to System B, by the people who do this kind of work in System B. This system interface is responsible for receiving messages and data from an external system, to validate the data to ensure it is correct and authorized, to perform any processing or enrichment necessary to ensure system correctness, and to then store the data inside the private database of System B.
- **ERP-3** - an **Integration Process** which connects ERP-1 and ERP-2. It is invoked by ERP-1, then transforms the data provided by it into the format expected by ERP-2. It might also perform enrichment along the way, or routing to other receivers. It too is implemented and maintained by a different team using a different technology stack.

It is not enough to write a single spec for "System A to System B integration". The reality of the built code is that code in System A, System B, and the middleware is quite distinct and separate from each other, and only loosely coupled via defined touchpoints. The specs must reflect this reality and not be a "muddle" without clear separation of responsibility of the various systems and actors in the design.

If a System Interface is standard, out-of-the-box, and not being modified, then a spec can be omitted. The spec for the Integration Process should instead reference the relevant API documentation and specifications provided by the vendor.

If an Integration Process is based on vendor-delivered content (e.g. an IFlow delivered by SAP via the [SAP Business Accelerator Hub](#)), then only a simple spec is necessary. This spec should not reverse-engineer all of the implementation details but describe the overall design, and focus on the information needed to support and operate the integration (e.g. monitoring, error handling, volumetrics, etc.)

## Support Documents

[Specification Acceptance Checklist](#)

[Creating Functional Specifications](#)

[Custom Development Build](#)

To create an interface specification page, enter the title with the following format and click create.

- **<Jira ID> <Short description>** where Jira ID and short description matches with the corresponding Jira development card that is created. For example: [ERP-10 Replicate Business Partner Master from S4HANA to CRM](#)

| Title  | State                 | Changed      | Updated by | Updated      | Created by |
|--|-----------------------|--------------|------------|--------------|------------|
| ERP-729 Integration Process - eDocument interface from S/4HANA to EDICOM   | Revision in progress  | May 12, 2026 | mcar6509   | May 12, 2026 | wein1944   |
| ERP-554 Integration Process - Provision users in Icertis from SAP Cloud IAG  | Approved              | May 08, 2026 | wenn3088   | May 08, 2026 | lohi2855   |
| ERP-730 System Interface - eDocument system interface  | Approved              | May 11, 2026 | wein1944   | May 08, 2026 | wein1944   |
| ERP-202 Integration Process - Read Employee Master Data from SuccessFactors into Identity Access Governance              | Approved              | May 12, 2026 | lohi2855   | Apr 30, 2026 | lohi2855   |
| ERP-977 3PL Warehouse Interface - Reservation Interface - System Interface   | Revision under Review | Apr 15, 2026 | ruiz7651   | Apr 29, 2026 | ruiz7651   |
| ERP-984 System Interface 3PL Warehouse - Outbound Delivery Interface to Cloud Integration Suite                          | Revision under Review | Apr 17, 2026 | ruiz7651   | Apr 29, 2026 | ruiz7651   |
| ERP-2324 OrderChange Message from Elemica - System Interface S/4   | Approved              | May 05, 2026 | torr6159   | Apr 28, 2026 | abol0537   |
| ERP-1119 System Interface - Order Response Interface from S/4HANA to Elemica   | Approved              | May 05, 2026 | wein1944   | Apr 27, 2026 | abol0537   |
| ERP-137 Integration Process - Award Bid integration from Keelvar to Ariba Sourcing                                       | Revision in progress  | Apr 23, 2026 | epas2568   | Apr 23, 2026 | huyn5970   |
| ERP-982 3PL Warehouse Interface - Inbound Delivery Interface - System Interface  | Revision under Review | Mar 31, 2026 | ruiz7651   | Apr 22, 2026 | ruiz7651   |
| ERP-287 Integration Process - Provision users in Ariba Sourcing based on IAG   | Approved              | Apr 29, 2026 | lohi2855   | Apr 21, 2026 | lohi2855   |
| ERP-224 Integration Process - Supplier Data Replication from Ariba to Keelvar  | Approved              | Apr 21, 2026 | wenn3088   | Apr 21, 2026 | huyn5970   |
| ERP-994 System Interface - Asset Performance Management (APM) Integration with S/4HANA EAM                               | Approved              | May 04, 2026 | yilm7935   | Apr 20, 2026 | yilm7935   |
| ERP-2097 System Interface - Elemica Sales Order Create Interface   | Approved              | May 05, 2026 | abol0537   | Apr 17, 2026 | abol0537   |
| ERP-1499 System Interface - ScheduledReceiptWO.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 16, 2026 | moha2110   |
| ERP-1630 System Interface - IndependentDemand.tab interface to Maestro   | Approved              | Apr 24, 2026 | kav18502   | Apr 15, 2026 | kav18502   |
| ERP-1629 System Interface - HistoricalDemandInvoiced.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 15, 2026 | kav18502   |
| ERP-1628 System Interface - HistoricalDemandActual.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 15, 2026 | kav18502   |
| ERP-116 System Interface - Supplier Integration from SAP ECC (PRS) to Ariba  | Approved              | Apr 08, 2026 | marg7813   | Apr 08, 2026 | marg7813   |
| ERP-765 Integration Process - Supplier Deactivation Icertis to Ariba   | Approved              | Apr 10, 2026 | rai56943   | Apr 08, 2026 | leig6041   |
| ERP-261 System Interface - Icertis Contract Data Replication to SAP ECC  | Approved              | Apr 07, 2026 | row14535   | Apr 07, 2026 | row14535   |
| ERP-1497 System Interface - OnHand.tab interface to Maestro  | Approved              | Apr 07, 2026 | kav18502   | Apr 06, 2026 | brow0939   |
| ERP-1532 System Interface - CorporateSegment.tab interface to Maestro  | Approved              | Apr 08, 2026 | kav18502   | Apr 06, 2026 | kav18502   |
| ERP-1671 System Interface - Supplier.tab interface to Maestro  | Approved              | Apr 08, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1670 System Interface - Source.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1666 System Interface - ReferencePart.tab interface to Maestro   | Approved              | Apr 24, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1665 System Interface - PartUOMConversion.tab interface to Maestro   | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1664 System Interface - PartSourceTransfer.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1660 System Interface - CurrencyConversionForecast.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1659 System Interface - CurrencyConversionActual.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1631 System Interface - PartCustomer.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1540 System Interface - GBUsegment.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1539 System Interface - GBUcountry.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1538 System Interface - GBU.tab interface to Maestro   | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1537 System Interface - EndUse.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1536 System Interface - CustomerSoldTo.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1535 System Interface - CustomerShipTo.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1534 System Interface - CustomerGroupEnriched.tab interface to Maestro   | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1533 System Interface - Customer.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1531 System Interface - CorporateMarket.tab interface to Maestro   | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1530 System Interface - CMSpecs.tab interface to Maestro   | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1529 System Interface - CEMSegment.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1528 System Interface - AccountManager.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | kav18502   |
| ERP-1500 System Interface - SourceConstraint.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1498 System Interface - PartSourceMake.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1496 System Interface - Constraint.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1495 System Interface - BOMAlternate.tab interface to Maestro  | Approved              | Apr 24, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1494 System Interface - BillOfMaterial.tab interface to Maestro  | Approved              | Apr 10, 2026 | kav18502   | Apr 02, 2026 | moha2110   |
| ERP-1493 System Interface - Allocation.tab interface to Maestro  | Approved              | Apr 04, 2026 | jain3189   | Apr 02, 2026 | moha2110   |
| ERP-260 Integration Process - Icertis to SAP ECC Contract Data Replication   | Approved              | Apr 07, 2026 | row14535   | Mar 31, 2026 | row14535   |
| ERP-762 System Interface - Upload list of denied parties Dow Jones to GTS (S4) Final                                     | Approved              | Mar 18, 2026 | nair3739   | Mar 04, 2026 | nair3739   |
| ERP-997 System Interface - Process and Upload of License Determination Rules in GTS                                      | Approved              | Mar 15, 2026 | casp3643   | Feb 24, 2026 | casp3643   |
| ERP-731 System Interface - Supplier Purchasing Org & Currency Data Integration to Icertis                                | Approved              | Feb 08, 2026 | rai56943   | Feb 06, 2026 | rai56943   |
| ERP-556 Integration Process - Supplier Purchasing Org & Currency Data sync from Syniti to Icertis - CPI Interface        | Approved              | Feb 06, 2026 | rai56943   | Feb 05, 2026 | rai56943   |
| ERP-555 System Interface - Supplier Purchasing Org & Currency Data sync Syniti to Icertis - Generating payload in Syniti | Approved              | Feb 06, 2026 | rai56943   | Feb 05, 2026 | rai56943   |
| ERP-998 Integration Process - Process and Upload of License Determination Rules in GTS                                   | Approved              | Mar 15, 2026 | nels6948   | Feb 03, 2026 | casp3643   |
| ERP-352 Integration with Blackline for Account Reconciliation  | Approved              | Mar 06, 2026 | wein1944   | Jan 21, 2026 | angg1578   |

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|---|----------------------|--------------|----------|--------------|----------|
| ERP-856 System Interface Service Entry Sheet replication from S/4Hana into Business Network               | Approved             | Dec 17, 2025 | torr6159 | Dec 17, 2025 | tonh0090 |
| ERP-858 Service Entry Sheet replication from Business Network into S/4Hana                                | Approved             | Dec 17, 2025 | torr6159 | Dec 17, 2025 | tonh0090 |
| ERP-170 Integration Process - Sanctioned Party List Upload from Dow Jones to SAP GTS                      | Approved             | Feb 06, 2026 | epas2568 | Dec 17, 2025 | nair3739 |
| ERP-717 System interface - Upload Compliance (EARUS) Classification Codes Descartes to GTS                | Approved             | Mar 30, 2026 | torr6159 | Dec 16, 2025 | tata9075 |
| ERP-720 System Interface - Upload Customs (HTS) Classification Codes Descartes to GTS                     | Approved             | Mar 30, 2026 | torr6159 | Dec 16, 2025 | tata9075 |
| ERP-718 Integration Process - Upload Customs (HTS) Classification Codes Descartes to GTS                  | Approved             | Mar 15, 2026 | epas2568 | Dec 12, 2025 | tata9075 |
| ERP-289 Integration Process - Currency Conversion SAP ECC to Icertis                                      | Revision in progress | Mar 18, 2026 | kuma6365 | Dec 12, 2025 | rai56943 |
| ERP-854 System Interface Purchase Order replication from S/4Hana into Business Network                    | Approved             | Dec 17, 2025 | will8012 | Dec 11, 2025 | tonh0090 |
| ERP-716 Integration Process - Upload Compliance (EARUS) Classification Codes Descartes to GTS             | Approved             | Mar 30, 2026 | epas2568 | Dec 11, 2025 | tata9075 |
| ERP-111 Integration Process - Currency Conversion Rates Integration from CPI to Ariba Sourcing            | Revision in progress | Mar 18, 2026 | mcar6509 | Dec 09, 2025 | marg7813 |
| ERP-853 System Interface Reply Message for the Receipt create interface                                   | Approved             | Dec 17, 2025 | tonh0090 | Dec 07, 2025 | tonh0090 |
| ERP-110 System Interface - Currency Conversion Rates Integration from ECC                                 | Approved             | Apr 09, 2026 | torr6159 | Dec 04, 2025 | epas2568 |
| ERP-857 System Interface Order Confirmation replication from Business Network into S/4Hana                | Approved             | Dec 11, 2025 | tonh0090 | Dec 01, 2025 | tonh0090 |
| ERP-104 Integration Process - Master Data Integration from Syniti to Ariba                                | Revision in progress | Mar 18, 2026 | marg7813 | Nov 27, 2025 | rico4215 |
| ERP-105 System Interface - Master Data Integration from Syniti to Ariba                                   | Revision in progress | Mar 18, 2026 | marg7813 | Nov 27, 2025 | rico4215 |
| ERP-290 System Interface - Create Currency Conversion ECC to Icertis                                      | Revision in progress | Mar 18, 2026 | wenn3088 | Nov 19, 2025 | rai56943 |
| ERP-348 Integration Process - DocuSign Envelope integration into Icertis                                  | Approved             | Nov 19, 2025 | tiib4108 | Nov 19, 2025 | rai56943 |
| ERP-642 Integration Process - Line Items as an Attachment from Ariba to Icertis                           | Approved             | Nov 14, 2025 | rai56943 | Nov 14, 2025 | rai56943 |
| ERP-767 Integration Process - Process Model integration Signavio to SAP Cloud ALM                         | Approved             | Nov 13, 2025 | wenn3088 | Nov 13, 2025 | wenn3088 |
| ERP-93 System Interface - Status of Close Purchase Orders Replication from S/4HANA to Ariba Guided Buying | Revision in progress | Mar 18, 2026 | epas2568 | Nov 12, 2025 | rico4215 |
| ERP-92 System Interface - Purchase Order Replication from Ariba Guided Buying to S/4HANA                  | Revision in progress | Mar 18, 2026 | epas2568 | Nov 12, 2025 | rico4215 |
| ERP-68 System Interface - Goods Receipts Replication from Ariba Guided Buying to S/4HANA                  | Revision in progress | Mar 18, 2026 | epas2568 | Nov 12, 2025 | rico4215 |