

Interface Specifications

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

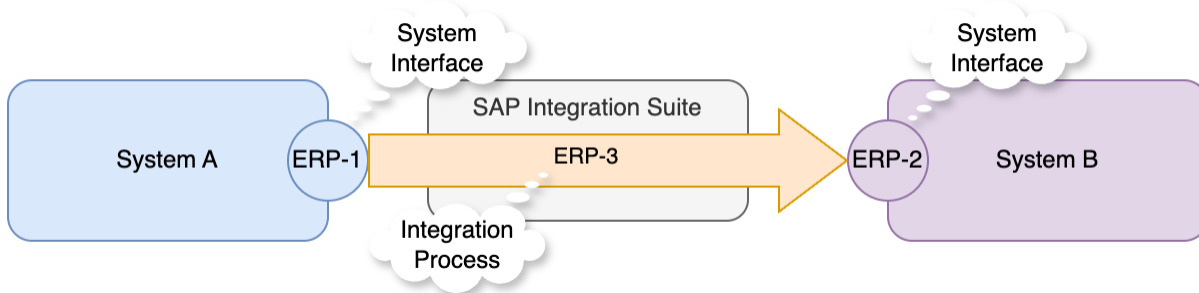
- Integration Process (custom)
- Integration Process (standard)
- System Interface

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	kavl8502	Apr 16, 2026	moha2110
ERP-1630 System Interface - IndependentDemand.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 15, 2026	kavl8502
ERP-1629 System Interface - HistoricalDemandInvoiced.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 15, 2026	kavl8502
ERP-1628 System Interface - HistoricalDemandActual.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 15, 2026	kavl8502
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	rowl4535	Apr 07, 2026	rowl4535
ERP-1497 System Interface - OnHand.tab interface to Maestro	Approved	Apr 07, 2026	kavl8502	Apr 06, 2026	brow0939
ERP-1532 System Interface - CorporateSegment.tab interface to Maestro	Approved	Apr 08, 2026	kavl8502	Apr 06, 2026	kavl8502
ERP-1671 System Interface - Supplier.tab interface to Maestro	Approved	Apr 08, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1670 System Interface - Source.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1666 System Interface - ReferencePart.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1665 System Interface - PartUOMConversion.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1664 System Interface - PartSourceTransfer.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1660 System Interface - CurrencyConversionForecast.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1659 System Interface - CurrencyConversionActual.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1631 System Interface - PartCustomer.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1540 System Interface - GBUSegment.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1539 System Interface - GBUCountry.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1538 System Interface - GBU.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1537 System Interface - EndUse.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1536 System Interface - CustomerSoldTo.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1535 System Interface - CustomerShipTo.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1534 System Interface - CustomerGroupEnriched.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1533 System Interface - Customer.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1531 System Interface - CorporateMarket.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1530 System Interface - CMSpecs.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1529 System Interface - CEMSegment.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1528 System Interface - AccountManager.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	kavl8502
ERP-1500 System Interface - SourceConstraint.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1498 System Interface - PartSourceMake.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1496 System Interface - Constraint.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1495 System Interface - BOMAlternate.tab interface to Maestro	Approved	Apr 24, 2026	kavl8502	Apr 02, 2026	moha2110
ERP-1494 System Interface - BillOfMaterial.tab interface to Maestro	Approved	Apr 10, 2026	kavl8502	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	rowl4535	Mar 31, 2026	rowl4535
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

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