

# Integration via JAGGAER Public APIs

## Public APIs

JAGGAER enables the Client to integrate with an ERP or other systems using JAGGAER REST services which use JSON messaging. These services can be setup either to use a request/response or event-driven (push) integration pattern (where noted).

Data is often transmitted directly between JAGGAER and the Client's middleware, but it can be any component capable of consuming the JAGGAER APIs. All integration points must be coordinated through JAGGAER Professional Services to provide guidance and support.

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## Integration Method and Approach

JAGGAER enables the Client to integrate with an ERP or other systems using JAGGAER REST services which use JSON messaging. These services can be setup either to use a request/response or event-driven (push) integration pattern (where noted).

Data is often transmitted directly between JAGGAER and the Client's middleware, but it can be any component capable of consuming the JAGGAER APIs. All integration points must be coordinated through JAGGAER Professional Services to provide guidance and support.

## Client Responsibilities

In support of the deployment of integrations with the JAGGAER application, the client is responsible for the following:

- Transform the file from the provided JAGGAER JSON format, into the required format to be consumed by the client system.
- Build / develop / test the integration to call and orchestrate the JAGGAER API.
- Transmit or receive the file via HTTPS post.
- Staff integration related activities with knowledgeable technical resources.
- Ensure necessary client sites are appropriately available.
- Migrate client-side integration configurations between client environments.
- Perform and validate the firewall configuration required for JAGGAER integration. The required configuration is to open a specific set of well-known ports to inbound traffic from a specific list of static IP addresses.
- In production only, where a request / response integration is used, Client to provide JAGGAER with the IP(s) of the calling client component (often a Client's middleware).

## JAGGAER Responsibilities

In support of the deployment of integrations with the JAGGAER application, JAGGAER is responsible for the following:

- Activate the APIs for the applicable integration(s).
- Configure the application to enable the applicable integration(s).
- Facilitate the design of the integration.
- Provide an integration specification.
- Provide confirmation on the functionality during testing.
- Support client during integration testing and issue resolution.
- Migrate JAGGAER application integration configurations between JAGGAER environments.
- Provide best practice guidance and expertise.

## Deliverables

- Technical kickoff
- API specification(s)
- Integration(s) enabled in all applicable environments as defined in the statement of work for the project.

## Integration Points

JAGGAER integrations include:

- JAGGAER Indirect
- JAGGAER One Supplier and User
- JAGGAER Advantage

### JAGGAER Indirect eProcurement | Invoicing | Contracts+ | Supplier Management | Sourcing

<u>Public API Name</u>	<u>Method</u>	<u>Request/ Response</u>	<u>Push</u>	<u>Description</u>
JIADW	importADW	Yes	No	Imports ADW rule groups, rule and associated approvers from customer system to the JAGGAER Indirect eProcurement solution.
JIContract	importSpend	Yes	N/A	This method allows to update spend data of the eProcurement section from ERP to the Jaggaer Indirect platform.
JIContract	import	Yes	N/A	This method allows creating new contracts and updating existing contracts to the Jaggaer Indirect platform.
JIContract	export	Yes	No	This method retrieves a list of information about JI Contract matching optional filtering criteria.
JIContract	validate	Yes	No	This method validates a contract by entirely accepting or discarding it. It can also be used to update one or more contract custom fields.

<u>Public API Name</u>	<u>Method</u>	<u>Request/ Response</u>	<u>Push</u>	<u>Description</u>
JICurrencyExchangeRate	importExchangeRate	Yes	N/A	This method imports currency exchange rates from customer system to the JAGGAER Indirect eProcurement solution.
JICustomField	importCustomField	Yes	N/A	This method imports custom fields from customer system to the JAGGAER Indirect eProcurement solution.
JInvoice	export	Yes	Yes	This method retrieves a list of information about JI Invoice matching optional filtering criteria.
JInvoice	importStatus	Yes	N/A	This method imports updated invoice payment status (In Process, Payable, Paid, or Cancelled) and payment details.
JInvoice	ocrImport	Yes	N/A	This method Imports scanned invoices and credit memos into the Invoicing solution.
JInvoice	validate	Yes	Yes	This method validates an invoice by entirely accepting or discarding it, or by signalling that some invoice line elements failed the validation while at least one of them succeeded.

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
JItemMaster	itemMasterImport	Yes	N/A	Imports item master from customer system to the JAGGAER Indirect eProcurement solution.
JOrder	importOrder	Yes	N/A	This method enables transferring purchase orders from the customer ERP to the Jaggaer Indirect platform.
JOrder	export	Yes	Yes	This method retrieves a list of information about JI Order matching optional filtering criteria.
JOrder	validate	Yes	Yes	This method allows to update the PO's number and/or update header level, non-splittable custom fields.
JIPurchaseRequisition	import	Yes	N/A	This method enables transferring purchase requests from the customer ERP to the Jaggaer Indirect platform.
JIPurchaseRequisition	export	Yes	Yes	This method retrieves a list of information about JI requisition matching optional filtering criteria.
JIPurchaseRequisition	update	Yes	N/A	This method allows to "Withdraw" or "Reject" an existing purchase requests, or "update" it by adding attachments.

<u>Public API Name</u>	<u>Method</u>	<u>Request/ Response</u>	<u>Push</u>	<u>Description</u>
JIPurchaseRequisition	validate	Yes	Yes	This method validates a requisition by entirely accepting or discarding it, or by signaling that some requisition line elements failed the validation while at least one of them succeeded.
JIReceipt	import	Yes	N/A	This method allows to create receipts inside the Jaggaer Indirect platform.
JIReceipt	export	Yes	Yes	This method retrieves a list of information about JI Receipt matching optional filtering criteria.
JIReceipt	validate	Yes	No	This method allows to update the Receipt's number.
JIUser	exportUser	Yes	N/A	This method retrieves a list of information about JI Users matching optional filtering criteria.
JIUser	importUser	Yes	N/A	This method imports users from customer system to the JAGGAER Indirect eProcurement solution.

### JAGGAER One Supplier and User

<u>Public API Name</u>	<u>Method</u>	<u>Request/ Response</u>	<u>Push</u>	<u>Description</u>
JaggaerOneSupplier	importJ1Supplier	Yes	N/A	This methods creates or updates the supplier org data in Jaggaer One applications (currently JA and JI).
JaggaerOneSupplier	exportJ1Supplier	Yes	Yes	This methods export the supplier org data from Jaggaer One applications (currently JA and JI).
JaggaerOne User SCIM	Users: create, read, replace, delete, search	Yes	N/A	See SCIM 2.0 Protocol and dev kit.
JaggaerOne User SCIM	Groups: read, search, update	Yes	N/A	See SCIM 2.0 Protocol and dev kit.

### JAGGAER Advantage Supplier Management + | Sourcing + | Contracts

<u>Public API Name</u>	<u>Method</u>	<u>Request/ Response</u>	<u>Push</u>	<u>Description</u>
Approval	exportApproval	Yes	No	This method retrieves a list of information about Approvals related to approval matrix matching optional filtering criteria.
Assessment	getAssessmentGroup	Yes	No	This method is intended to export the list of all Assessment Groups that have been defined inside a certain buyer company.



<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
Assessment	getAssessment	Yes	Yes	This method is intended to retrieve the list of all Assessments that have been defined inside a certain buyer company about its suppliers.
Assessment	importAssessment	Yes	N/A	This web service method can be used to import an Assessment into the Jaggaer platform. It implements creation of new item and update of existing one.
Assessment	getAssessmentDeleted	Yes	No	This method is intended to retrieve the list of all Assessments DELETED.
AttachmentsService	getFile	Yes	N/A	This method allows downloading any attachment from the Jaggaer platform.
AttachmentsService	getFileBySecureToken	Yes	N/A	This method allows downloading any attachment from the Jaggaer platform starting from a secure token.
Auction	exportAuction	Yes	Yes	This method retrieves a list of information about Auction matching optional filtering criteria. Main Auction setting information can be further enriched by specifically requesting additional information as data elements, categories, items,

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				bids, attachments, invited suppliers, publish result documents, email recipients.
Auction	importAuctionEnglishSingleLot	Yes	N/A	This method can be used to import English Auction JA18 (single-lot) into the Jaggaer platform. It implements creation of new item, update of existing one and “insert-update” logics (if an Auction with the given code/id already exists then the existing object is updated, otherwise a new element is created).
Auction	importAuctionEnglishMultiLot	Yes	N/A	This method can be used to create a multi-lot Auction JA18 into the Jaggaer platform. It implements creation of new item, update of existing one and “insert-update” logics (if an Auction with the given code/id already exists then the existing object is updated, otherwise a new element is created).
Auction	importAuctionSealed	Yes	N/A	This method can be used to import Sealed Bids Auction JA18 into the Jaggaer platform. It implements creation of new item, update of existing one and “insert-update” logics (if an Auction with the given code/id already exists then the existing object is updated, otherwise a new element is created).

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Auction	importAuctionDutch	Yes	N/A	This method can be used to import Dutch Auction JA18 into the Jaggaer platform. It implements creation of new item, update of existing one and "insert-update" logics (if an Auction with the given code/id already exists then the existing object is updated, otherwise a new element is created).
Auction	importAuctionJapanese	Yes	N/A	This method can be used to import Japanese Auction JA18 into the Jaggaer platform. It implements creation of new item, update of existing one and "insert-update" logics (if an Auction with the given code/id already exists then the existing object is updated, otherwise a new element is created).
CategoryStrategy	importCategoryStrategy	Yes	N/A	This method can be used to CREATE a new Category Strategy.
CategoryStrategy	exportCategoryStrategy	Yes	Yes	This method retrieves a list of information about Category Strategies matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories, business units, regions, team members, suppliers.

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CFR	exportCfr	Yes	Yes	This method retrieves a list of information about Cfr matching optional filtering criteria. Main Cfr setting information can be further enriched by specifically requesting additional information as items, answers, attachments.
CollaborationProject	importCollectCommentsDocument	Yes	N/A	This method can be used to import a Collect Comments Document into the Jaggaer platform. It implements creation of new item and update of existing one.
CollaborationProject	importCollectValuesDocument	Yes	N/A	This method can be used to import a Collect Values Document into the Jaggaer platform. It implements creation of new item and update of existing one.
CollaborationProject	importEvaluateSupplierDocument	Yes	N/A	This method can be used to import an Evaluate Supplier Document into the Jaggaer platform. It implements creation of new item and update of existing one.
CollaborationProject	importIFillInDocument	Yes	N/A	This method can be used to import an I Fill In Document (Commentary) into the Jaggaer platform. It implements creation from template of new item.
CollaborationProject	importJointEditingDocument	Yes	N/A	This method can be used to import a Joint Editing

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				Document (Rfx Setup) into the Jaggaer platform. It implements creation of new item and update of existing one.
CollaborationProject	exportCollectCommentsDocument	Yes	Yes	This method retrieves a list of information about Collect Comments Documents matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories, form structures, answers, attachments, collaborations.
CollaborationProject	exportCollectValuesDocument	Yes	Yes	This method retrieves a list of information about Collect Values Documents matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories, form structures, answers, collaborations.
CollaborationProject	exportEvaluateSupplierDocument	Yes	Yes	This method retrieves a list of information about Evaluate Supplier Documents matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories,

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				form structures, answers, collaborations.
CollaborationProject	exportIFillInDocument	Yes	Yes	This method retrieves a list of information about I Fill In Documents (Commentaries) matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories, form structures, answers.
CollaborationProject	exportJointEditingDocument	Yes	Yes	This method retrieves a list of information about Joint Editing Documents (Rfx Setup) matching optional filtering criteria. Main setting information can be further enriched by specifically requesting additional information as data elements, categories, form structures, answers, attachments, collaborations, invited suppliers.
Configuration	importApprovalMatrix	Yes	N/A	This method can be used to import Approval Matrix Rules into the Jaggaer platform. It implements creation of new item, update and delete of existing rules.
Configuration	exportApprovalMatrix	Yes	No	This method retrieves the list of all Approval Matrix Rules that have been

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				defined inside a certain organization.
Configuration	exportBusinessUnit	Yes	No	This method retrieves the business unit tree that has been defined inside a certain organization.
Configuration	exportCategory	Yes	Yes	This method retrieves the list of all categories that have been defined inside a certain organization.
Configuration	exportCountry	Yes	No	This method retrieves the list all Country information records that have been defined inside the whole platform.
Configuration	importCurrency	Yes	N/A	This method can be used to import Currency into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportCurrency	Yes	Yes	This method retrieves the list of all Currency records that have been defined inside a certain organization.
Configuration	importCurrencyExchangeRate	Yes	N/A	This method can be used to import Currency Exchange Rate into the Jaggaer platform. It implements only creation of new Currency Exchange Rates.

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Configuration	exportCurrencyExchangeRate	Yes	Yes	This method is intended to retrieve the list of last Currency Exchange Rates that have been defined inside a certain organization.
Configuration	importGoodsGroup	Yes	N/A	This method can be used to import Goods Group into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportGoodsGroup	Yes	Yes	This method retrieves the list of all Goods Group records that have been defined inside a certain organization.
Configuration	importGoodsGroupCategory	Yes	N/A	This method can be used to import relations between Goods Groups and Categories into the Jaggaer platform. It implements only creation of new relations.
Configuration	exportGoodsGroupCategory	Yes	No	This method is intended to retrieve the list of all relations Goods Group – Category that have been defined inside a certain organization.
Configuration	importLogisticDivision	Yes	N/A	This method can be used to import Logistic Division into the Jaggaer platform. It implements creation of new



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				item and update of existing one.
Configuration	exportLogisticDivision	Yes	No	This method retrieves the list of all the Logistic Divisions that have been defined inside a certain organization.
Configuration	importMaterial	Yes	N/A	This method can be used to import Material into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportMaterial	Yes	Yes	This method retrieves the list of all Material records that have been defined inside a certain organization.
Configuration	exportPRGenerator	Yes	No	This method retrieves the list of all the Purchase Request Generators (PRGenerator) that have been defined inside a certain organization.
Configuration	importPurchasingGroup	Yes	N/A	This method can be used to import Purchasing Group into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportPurchasingGroup	Yes	No	This method retrieves the list of all the Purchasing Group that have been

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				defined inside a certain organization.
Configuration	exportRegion	Yes	No	This method retrieves the region tree that has been defined inside a certain organization.
Configuration	importRequestEntity	Yes	N/A	This method can be used to import Request Entity into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportRequestEntity	Yes	No	This method retrieves the list of all the entities inside a certain organization that are enabled to submit purchase request (stakeholder division).
Configuration	importUnitOfMeasure	Yes	N/A	This method can be used to import Unit of Measure into the Jaggaer platform. It implements creation of new item and update of existing one.
Configuration	exportUnitOfMeasure	Yes	Yes	This method retrieves the list of all Unit of Measure records that have been defined inside a certain organization.
Contracts	importContract	Yes	N/A	This method imports into the Jaggaer platform a given contract. It implements an

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				insert/update policy: if a contract with the given code/id is already defined, it updates it, otherwise it creates a new contract.
Contracts	exportContracts	Yes	Yes	This method retrieves a list of ALL contract matching the given filter criteria. As default behaviour the method extracts only contract's header information, but it is possible to extract additional data as prices, data elements, attachments, categories, milestones, relationships, master document, email recipients.
Contracts	exportContractsUpdated	N/A	No	This method retrieves a list of contracts matching the given filter criteria and UPDATED AFTER A REFERENCE DATE/TIME. The reference date/time can be provided by the calling system or it is calculated as the date/time of the last call to the export function. As default behaviour the method extracts only contract's header information, but it is possible to extract additional data as prices, data elements, attachments, categories, milestones, relationships, master document, email recipients.

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ContractWorkflow	activateContract	Yes	N/A	This method performs the activation of a contract: the contract must be in status "created" and it will become "active".
ContractWorkflow	terminateContract	Yes	N/A	This method performs the termination of a contract: the contract must be in status "active" and it will become "terminated".
ContractWorkflow	reactivateContract	Yes	N/A	This method performs the re-activation of a contract: the contract must be in status "terminated" or "expired" and it will become "active".
ContractWorkflow	publishContract	Yes	N/A	This method performs the publication of a contract: the contract must be in status "created" and it will become "published".
ContractWorkflow	startMainContractorEditingAdditionalInfo	Yes	N/A	When a contract has some additional info associated (data element), this method enables the main contractor to edit the additional info fields.
ContractWorkflow	stopMainContractorEditingAdditionalInfo	Yes	N/A	When a contract has some additional info associated (data element), this method disables the main contractor to edit the additional info fields.

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ContractWorkflow	submitPriceList	Yes	N/A	This method submits the last proposal of the price list if the proposal is not negotiated or recalled. Depending on the agreement settings, if the contract requires the agreement of price list from supplier, this method performs the submit of the current price list to the main contractor, otherwise it performs an internal submit to the buyer.
ContractWorkflow	approvePriceList	Yes	N/A	This method approves the last proposal of the price list. If the contract requires the agreement of price list from supplier, this method can approve a proposal accepted by supplier or a counterproposal sent by supplier. When the agreement from supplier is not required, this method can approve a proposal having internal approval pending, moreover if the price list proposal is not negotiated or recalled, this method performs first the submit then the approval.
ContractWorkflow	rejectPriceList	Yes	N/A	This method rejects the last proposal of the price list. If the contract requires the agreement of price list from supplier, this method can reject a proposal accepted by supplier or a counterproposal sent by supplier. When the agreement from supplier is

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				not required, this method can reject a proposal having internal approval pending.
ContractWorkflow	recallPriceList	Yes	N/A	This method recalls the last submitted proposal of the price list.
ContractWorkflow	openAmendment	Yes	N/A	This method performs the opening of new amendment: the contract must be in status "Active" and it will become "Open Amendment".
ContractWorkflow	completeAmendment	Yes	N/A	This method performs the completing of amendment: the contract must be in status "Open Amendment" and it will become "Active".
ContractWorkflow	cancelAmendment	Yes	N/A	This method performs the canceling of amendment: the contract must be in status "Open Amendment" and it will become "Active".
DocumentArea	exportDocuments	Yes	No	This method retrieves the list of documents available in the given document area. The method provides only document information but not the binary file, in order to get the file content, AttachmentsService web-service must be called providing data file id and name returned by the current method.

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DocumentArea	exportDeletedArchive rDocuments	Yes	No	This method retrieves information about documents that have been removed from a certain document area as result of archiving task execution.
DocumentArea	importDocument	Yes	N/A	This method can be used to import a Document into a Document Area (Collaboration Area) of Jaggaer platform. It implements creation of new document, update of existing one and “insert-update” logics (if a Document with the given identifier already exists then the existing object is updated, otherwise a new Document is created). Such behavior is ruled explicitly by providing in request a proper operation code. For Document Area where versioning is turned on, the operation of update corresponds to the generation of a new file and to preserve the history of the previous files.
HistoryChange	exportHistoryChange	Yes	No	This method retrieves a list of basic information about the history of changes on RFQ, Auction, Contract, Tender, Saving, matching optional filtering criteria. Main data can be enriched with notes, detail of actions, mapping key-value of changed fields.

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
Message	exportMessage	Yes	Yes	This method retrieves a list of basic information about messages on RFQ, Auction, Contract, Collaboration, Scorecard, Assessments (QR), matching optional filtering criteria. Main data can be enriched with message body, message category, message attachments and message reading data.
ProfileManagement	importProfiles	Yes	N/A	This method allows supplier data to be uploaded onto the Jaggaer platform with 4 possible options: <ul style="list-style-type: none"> <li>• “Insert” (create new record)</li> <li>• “Insert and enable” (create new record and automatically enable referring company)</li> <li>• “Update” (update existing record)</li> <li>• “Delete” (command to delete a specific record)</li> </ul>
ProfileManagement	exportProfilesPaged	Yes	Yes	This method allows supplier data registered on the Jaggaer platform to be exported.
Program	exportProgram	Yes	Yes	This method retrieves a list of basic information about project/program, matching optional filtering criteria. Main data can be enriched with additional data as task status and dates, task dependencies, task



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				counters, task objects linked, task approvals, attachments.
Program	importApprovalAnswer	Yes	N/A	This method can be used to import a set of approval response into the Jaggaer platform. The approver answers are imported in the order in which they appear in the file.
Program	changeProgramStatus	Yes	N/A	This method can be used to change the status of a tender with program associated.
Program	changeTaskStatus	Yes	N/A	This method can be used to change the task status.
Program	activateConditionalTask	Yes	N/A	This web service method can be used to activate a conditional task.
Program	deactivateConditionalTask	Yes	N/A	This web service method can be used to deactivate a conditional task.
Project	importProject	Yes	N/A	This method can be used to import projects into the Jaggaer platform. It implements creation of new item and update of existing one.
Project	exportProject	Yes	Yes	This method retrieves a list of basic information about project matching optional

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				filtering criteria. Main data can be enriched with additional data as data elements, attachments, opportunities, categories, project team members, savings, objects linked, purchase requests associated to the project.
PR	import	Yes	N/A	This method transfers purchase requests from the customer ERP to the Jaggaer platform.
PR	export	Yes	No	This method retrieves the list of selected purchase request stored in Jaggaer platform. Main data can be enriched with additional data as data elements, attachments and rows data.
PR	delete	Yes	N/A	This method deletes a purchase request previously generated by an external system and stored in the Jaggaer platform.
Rfx	importRfx	Yes	N/A	This method can be used to import RfX into the Jaggaer platform. It implements creation of new item and update of existing one.
Rfx	exportRfx	Yes	Yes	This method retrieves a list of information about Rfx matching optional filtering criteria. Main Rfx setting information can be further

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				enriched by specifically requesting additional information as data elements, categories, attachments, publish result documents, envelopes, suppliers, offers, evaluation groups, email recipients, comments.
RfxWorkflow	startEvaluation	Yes	N/A	Initialize the evaluation process by starting the pre-evaluation stage.
RfxWorkflow	completePreEvaluation	Yes	N/A	Freeze the Pre-Evaluation stage and move to the evaluation of responses. The initial acceptance/rejection of all responses will be set.
RfxWorkflow	completeQualification	Yes	N/A	If not already done, open the Qualification envelope in order to continue the evaluation process. Freeze the Qualification Envelope to conclude the evaluation of this envelope. This decision will be final and will move the evaluation onto the next stage.
RfxWorkflow	completeTechnical	Yes	N/A	If not already done, open the technical envelope in order to continue the evaluation process. Freeze the Technical Envelope to conclude the evaluation of this envelope. This decision will be final and will move the evaluation onto the next stage.

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RfxWorkflow	completeCommercial	Yes	N/A	If not already done, open the Commercial envelope in order to continue the evaluation process. Freeze the Commercial Envelope to conclude the evaluation of this envelope. This decision will be final and will move the evaluation onto the Awarding stage.
RfxWorkflow	moveToFinalEvaluation	Yes	N/A	Execute all previously listed operations that are required to move the evaluation onto the Awarding stage. That means that if RfX has already performed some of required steps, such steps are skipped and only remaining operations are performed.
RfxWorkflow	reopenRfx	Yes	N/A	Move the evaluation onto the Awarding stage and then launch new Round in current RFQ.
RfxWorkflow	extend	Yes	N/A	Extend deadline of a closed RFQ, resetting it as running, by specifying a new RFQ closing date. No new round is created.
RfxWorkflow	invalidate	Yes	N/A	Invalidate a running or closed RFQ.
RfxWorkflow	undoInvalidate	Yes	N/A	Restore a previously invalidated RFQ, restoring it as Running (if existing)

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				closing date is not expired or if a new future closing date is provided) or Closed (if existing deadline is not changed and expired). When RFQ is reset to running, no mail is sent to invited suppliers.
RfxWorkflow	publish	Yes	N/A	Publish created RfX moving it to running.
RfxWorkflow	complete	Yes	N/A	Close an RFI or complete an RFQ that is in final evaluation status.
RfxWorkflow	delete	Yes	N/A	Delete an RfX. This method does not have an undo.
Saving	importSaving	Yes	N/A	This method can be used to import Saving into the Jaggaer platform. It implements creation of new item and update of existing one.
Saving	exportSaving	Yes	No	This method retrieves a list of information about Saving matching optional filtering criteria. Main Saving setting information can be further enriched by specifically requesting additional information as data elements, saving categories, evm categories, attachments, saving data (saving records), saving approvals.

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
SDP	importSDP	Yes	N/A	This method can be used to import SDP into the Jaggaer platform. It implements creation from template and update of existing plan.
SDP	exportSDP	Yes	No	This method retrieves a list of information about Supplier Development Plans matching optional filtering criteria.
SDPWorkflow	startAction	Yes	N/A	This method can be used to start an action in a Supplier Development Plan.
SDPWorkflow	completeAction	Yes	N/A	This method can be used to complete an action in running state in a Supplier Development Plan.
SDPWorkflow	suspendAction	Yes	N/A	This method can be used to suspend an action in running state in a Supplier Development Plan.
SDPWorkflow	undoSuspendAction	Yes	N/A	This method can be used to cancel the suspension of an action in cancelled state in a Supplier Development Plan.
SDPWorkflow	restartAction	Yes	N/A	This method can be used to restart an action in completed state in a Supplier Development Plan.

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
STL	importSTL	Yes	N/A	This method can be used to assign a new status to an existing dimension for a supplier.
STL	exportSTL	Yes	No	This method retrieves a list of information about Supplier Traffic Lights matching optional filtering criteria.
SupplierHierarchy	exportSupplierHierarchy	Yes	No	This method can be used to export the hierarchy the supplier belongs to.
SupplierHierarchy	importSupplierHierarchy	Yes	N/A	This method can be used to create a supplier hierarchy into JA.
TableManager	select	Yes	N/A	This method allows external systems to query tables in the CUSTOM SCHEMA. Only one table can be queried for each request, so no joins are allowed.
TableManager	insert	Yes	N/A	This method allows external systems to insert new rows in tables in the CUSTOM SCHEMA. Only one line can be inserted for each request.
TableManager	update	Yes	N/A	This method allows external systems to update tables in the CUSTOM SCHEMA. Only one table can be updated for each request.

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
TableManager	insertBatch	Yes	N/A	Insert Batch operation allows external systems to insert rows in a table in the CUSTOM SCHEMA. It is possible to insert at most 20.000 rows for each request.
TableManager	delete	Yes	N/A	Delete operation allows external systems to delete records in a table in the CUSTOM SCHEMA. Only records in one table can be deleted for each request.
TableManager	merge	Yes	N/A	Merge operation allows to perform insert or update operation in tables in the CUSTOM SCHEMA, depending on the presence of the key value in the table. If the key value exists the update operation will be performed, otherwise a new row will be inserted in the table. Only one table can be updated for each request. In case of an insert operation only one line can be inserted for each request.
TableManager	mergeBatch	Yes	N/A	Merge Batch operation allows external systems to merge (insert/update) rows in a table in the CUSTOM SCHEMA. It is possible to merge at most 20.000 rows for each request.



<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
User	importUserList	Yes	N/A	This method can be used to import Global Users List into the Jaggaer platform.
User	exportUserList	Yes	Yes	This method retrieves a list of information about Global Users Lists matching optional filtering criteria.
User	importApproverSubstitution	Yes	N/A	This method can be used to import Approver Substitution into the Jaggaer platform. It implements creation of new approver substitution, update of existing one, delete of existing one not yet started and disable of existing one already running.
User	exportApproverSubstitution	Yes	No	This method retrieves a list of information about Approver Substitutions matching optional filtering criteria.
VRM	importScorecard	Yes	N/A	This method can be used to create a Scorecard, import evaluation team members at scorecard level or KPI level and update its KPI scores into the Jaggaer platform. It implements creation of new item from a template and update of KPI scores of existing one.
VRM	exportPerformanceGrade	Yes	Yes	This method retrieves the list of all performance

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				grades that have been defined inside a certain organization.
VRM	exportPerformanceCategory	Yes	Yes	This method retrieves the list of all performance categories that have been defined inside a certain organization.
VRM	exportKpi	Yes	Yes	This method retrieves the list of all KPI that have been defined inside a certain organization.
VRM	exportScorecard	Yes	Yes	This method retrieves the list of all Scorecards that have been defined inside a certain organization. Main data can be enriched with additional data as evaluations, categories, KPI scores, performance category scores, KPI evaluation comments, KPI evaluation users.
VRM	exportScoreboard	Yes	Yes	This method retrieves the list of all Scoreboards that have been defined inside a certain organization. Main data can be enriched with additional data as scoreboard links, suppliers list, performance category scores.
VRM	exportEvaluation	Yes	Yes	This method retrieves the list of all Evaluations of the scorecards that have been

<u>Public API Name</u>	<u>Method</u>	<u>Request/Response</u>	<u>Push</u>	<u>Description</u>
				defined inside a certain organization. Main data can be enriched with additional data as KPI scores, performance category scores, KPI evaluation comments, KPI evaluation users.
VRMWorkflow	closeEvaluation	Yes	N/A	This method closes an evaluation of a scorecard.
VRMWorkflow	startNewEvaluation	Yes	N/A	This method starts a new evaluation on a scorecard.