



## Explore API Documentation

# SelfService\_Contract\_ContractDocument

## Version 3.0

Last Modified: 11/14/2023

Last Modified By: Swadesh.Subedi



## Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	6/19/2019	Initial draft	Chase Denton
2.0	7/14/2020	Added EnableNotificationExpiration field; validation information; API URL and API sample	Swadesh Subedi
3.0	3/5/2021	Updated document with document workflow; Overview diagram, API sample	Swadesh Subedi

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## Overview

This API provides a list of all contract documents. The document status indicates the current workflow approval step. Most of the documents are associated with a contract but there could be some documents that are not tied to any contract but reside within a project.



From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment
SelfService_Contract_Contract Document (CD)	Selfservice_Contract_Contract (C)	C.ContractId = CD.ContractId	1:M	
SelfService_Contract_Contract Document (CD)	Selfservice_Contract_Pr oject (P)	P.ProjectId = CD.ProjectId	1:M	Id, Display, Name, Organization Id
SelfService_Contract_Contract Document (CD)	Selfservie_Contract_Lin eltem (LI)	CD.VCOId = LI.ContractDetailId	1:M	
SelfService_Contract_Contract Document (CD)	Selfservie_Contract_Co ntractWorkflow(CW)	CD.ContractDocumentId = CW.SourceSystemId and CW.WorkflowTypeId =4	1:M	Workflow Details
Contract_ContractDocument (CD)	Contract_User (U)	CD.CreatedById = U.UserId	M:1	Name

## API Detail

Direction	From Project Suite
Pagination	50,000 Rows
Frequency	All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.
Trigger Method(s)	All default OData filters are supported.

<sup>1</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

Average Payload Size	Depends on the date range selected.	
APIM Name	SelfService_Contract_ContractDocument	
API URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/ SelfService_Contract_ContractDocument	
Source Data Table Kind	External Table (21.1)	
Data Refresh/Delta/Incremental Loads	This API must be run as a full refresh each time; the data in this API refreshes every 15-20 minutes	
Project Suite	Starting Version	V1.0
	Ending Version	V3.0

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
ContractDocumentId	bigint	NULL	19	0	NULL	0	X
DocumentName	nvarchar	250	NULL	NULL	NULL	1	
ContractId	bigint	NULL	19	0	NULL	1	
ProjectId	bigint	NULL	19	0	NULL	1	
ProjectDisplay	nvarchar	200	NULL	NULL	NULL	1	
ProjectName	nvarchar	300	NULL	NULL	NULL	1	
OrganizationId	bigint	NULL	19	0	NULL	1	
VCOld	bigint	NULL	19	0	NULL	1	
StatusId	bigint	NULL	19	0	NULL	1	
StatusName	nvarchar	50	NULL	NULL	NULL	1	
ContractDocumentTypeId	bigint	NULL	19	0	NULL	1	
TypeName	nvarchar	50	NULL	NULL	NULL	1	
ContractDocumentSubTypeId	bigint	NULL	19	0	NULL	1	
SubTypeName	nvarchar	50	NULL	NULL	NULL	1	
ContractDocumentOtherSubType	nvarchar	100	NULL	NULL	NULL	1	
URL	nvarchar	1024	NULL	NULL	NULL	1	
InsurancePolicyNumber	nvarchar	100	NULL	NULL	NULL	1	
Insurer	nvarchar	100	NULL	NULL	NULL	1	
SuretyNumber	nvarchar	100	NULL	NULL	NULL	1	
SuretyAmount	decimal	NULL	16	5	NULL	1	
IsConsentOfSuretySigned	bit	NULL	NULL	NULL	NULL	1	
EffectiveDate	datetimeoffset	NULL	NULL	NULL	7	1	
ExecutedDate	datetimeoffset	NULL	NULL	NULL	7	1	
ExpirationDate	datetimeoffset	NULL	NULL	NULL	7	1	
ApproveRejectById	bigint	NULL	19	0	NULL	1	

<b>ApproveRejectByName</b>	nvarchar	402	NULL	NULL	NULL	1	
<b>ApproveRejectDate</b>	datetimeoffset	NULL	NULL	NULL	7	1	
<b>ApproveRejectComment</b>	nvarchar	4000	NULL	NULL	NULL	1	
<b>EnableNotificationExpiration</b>	varchar	3	NULL	NULL	NULL	1	
<b>LastNotificationDate</b>	datetimeoffset	NULL	NULL	NULL	7	1	
<b>CreatedBy</b>	nvarchar	402	NULL	NULL	NULL	1	
<b>CreatedDate</b>	datetimeoffset	NULL	NULL	NULL	7	0	
<b>ModifiedBy</b>	nvarchar	402	NULL	NULL	NULL	1	
<b>IsActive</b>	bit	NULL	NULL	NULL	NULL	0	
<b>DocumentModifiedDate</b>	datetimeoffset	NULL	NULL	NULL	7	1	
<b>ModifiedDate</b>	datetimeoffset	NULL	NULL	NULL	7	1	

## Field Descriptions

Name	Description	Example
<b>ContractDocumentId</b>	System generated code for a contract document	1,2,3
<b>DocumentName</b>	Name of the document	B&C Fiduciary/Crime
<b>ContractId</b>	System generated code for a contract	7300000044
<b>ProjectId</b>	System generated code for a project	29
<b>ProjectDisplay</b>	Display number of a project	103442
<b>ProjectName</b>	Name of the project	SR-58 Kramer Junction
<b>OrganizationId</b>	System generated code for an organization	58
<b>VCOId</b>	System generated code for a vendor change order	207
<b>StatusId</b>	Document approval workflow status Id	3
<b>StatusName</b>	Approval status name	Approved
<b>ContractDocumentTypeId</b>	System generated code for the type of contract document	4
<b>TypeName</b>	Where the document is in the approval process	Surety
<b>ContractDocumentSubTypeId</b>	System generated code for the sub type of the contract document	1
<b>SubTypeName</b>	Name of the sub type	Auto Liability
<b>ContractDocumentOtherSubType</b>	Other name for the sub type	Pollution Liability
<b>URL</b>	Link	<a href="https://kiewit.hds.ineight.com/CoreWebServices/Documents/2972">https://kiewit.hds.ineight.com/CoreWebServices/Documents/2972</a>
<b>InsurancePolicyNumber</b>	Number of the insurance policy	CX005DE18
<b>Insurer</b>	Who insures the document	Hartford Fire Insurance Company
<b>SuretyNumber</b>	Surety number	1849760
<b>SuretyAmount</b>	Amount of surety	503397.00000
<b>IsConsentOfSuretySigned</b>	Whether the surety was signed or not	0
<b>EffectiveDate</b>	Effective date of document	2017-06-02 04:00:00.0000000+00:00

<b>ExecutedDate</b>	Date of execution	2018-02-20 06:00:00.0000000 +00:00
<b>ExpirationDate</b>	Date of expiration	2018-06-02 04:00:00.0000000 +00:00
<b>ApproveRejectById</b>	User Id of the person who approved/rejected/recalled	40449
<b>ApproveRejectByName</b>	Document approved/rejected/recalled by	Steven Nichols
<b>ApproveRejectDate</b>	Document approved/rejected/recalled date	2018-02-16 15:33:09.1825053 +00:00
<b>ApproveRejectComment</b>	Comment made on approve/reject/recall	Duplicate upload
<b>EnableNotificationExpiration</b>	Indicates notification expiration enabled or not	Yes
<b>LastNotificationDate</b>	Date of last notification	2018-07-14 09:10:12.4493256 +00:00
<b>CreatedBy</b>	Document creator	Shannon Streeter
<b>CreatedDate</b>	Document created date	2018-05-11 22:58:48.5641452 +00:00
<b>ModifiedBy</b>	Last modifier of the document	Steven Nichols
<b>IsActive</b>	When this field equals 0, then the record is no longer active and used in the project	Active = 1, Inactive = 0
<b>DocumentModifiedDate</b>	Last date when document was modified	2019-03-10 21:34:13.2362912 +00:00
<b>ModifiedDate</b>	Date of last modification of all fields (For incremental refresh)	2019-04-10 21:34:13.2362912 +00:00

## Sample

```
{
  "ContractDocumentId":11,"DocumentName":"P & P
  Bonds","ContractId":7200000002,"ProjectId":43,"ProjectDisplay":"103573","ProjectName":
  "NM AHU 5
  Replacement","OrganizationId":36,"VCOId":null,"StatusId":2,"StatusName":"Approved",
  "ContractDocumentTypeId":19,"TypeName":"Surety","ContractDocumentSubTypeId":6,"SubType
  Name":"Bond","ContractDocumentOtherSubType":null,"URL":"https://kiewit.hds.ineigh
  t.com/CoreWebServices/Documents/834","InsurancePolicyNumber":null,"Insurer":"Unive
  rsal Surety
  Company","SuretyNumber":"134649","SuretyAmount":1182600.00000,"IsConsentOfSuretySig
  ned":false,"EffectiveDate":"2017-10-
  23T05:00:00Z","ExecutedDate":null,"ExpirationDate":null,"ApproveRejectById":18257,"
  ApproveRejectByName":"Steven Nichols","ApproveRejectDate":"2017-11-
  21T22:42:04.2421393Z","ApproveRejectComment":null,"EnableNotificationExpiration":"Y
  es","LastNotificationDate":null,"CreatedBy":null,"CreatedDate":"2017-11-
  21T22:12:13.3326712Z","ModifiedBy":null,"IsActive":true,"DocumentModifiedDate":"201
  7-11-21T22:42:04.2421393Z","ModifiedDate":"2021-03-03T10:53:39.2736719Z"
}
```

## Data Validation

All supporting documents for a project can be accessed from the “Supporting Documents” tab of the Contract module.

CONTRACTS SUPPORTING DOCUMENTS INVOICES ACCRUALS / RECEIPTS ACTION ITEMS											
Actions	Contra...	Contra...	Title	File/Link	Document ...	Subtype	Approval st...	Approved/...	Approved/...	Execut...	Effectiv...
<input type="checkbox"/>	7300000804	Cloud Test...	us	j.kj	Certification		Approved	Shyamala Sat...	07/14/2020		
<input type="checkbox"/>			Test_document	<a href="#">importTemplate-Linetem(1).xlsx</a>	Draft contract		Not applicable				
<input type="checkbox"/>	7200000308	Heimes Co...	20190212.4	<a href="#">20190212.4</a>	Executed chan...		Not applicable			07/08/2020	
<input type="checkbox"/>	7200000308	Heimes Co...	20190212.0	<a href="#">20190212.0</a>	Draft contract		Pending				
<input type="checkbox"/>	7200000308	Heimes Co...	Testing_Docu...	<a href="#">Export(9).xlsx</a>	Draft change o...		Pending				
<input type="checkbox"/>	7400002382	VCO_Valid...	TestSelectFile...	<a href="#">Test.google.com</a>	Draft change o...		Approved	Ajay GK	07/13/2020		
<input type="checkbox"/>	7400002500	smoke_tes...	Test	sadsad	Certification		Approved	Ajay GK	07/10/2020		
<input type="checkbox"/>	7200002487	Req 2/7 de...	test	test	Draft change o...		Pending				
<input type="checkbox"/>	1141	TesCopy_5	ss spanish	<a href="#">link</a>	Executed cont...		Pending			07/07/2020	
<input type="checkbox"/>	1141	TesCopy_5	ss	<a href="#">link</a>	Draft change o...		Pending				
<input type="checkbox"/>	1141	TesCopy_5	ss french	<a href="#">link</a>	Executed cont...		Pending			07/09/2020	
<input type="checkbox"/>	1141	TesCopy_5	ss spanish	<a href="#">link</a>	Executed cont...		Pending			07/04/2020	
<input type="checkbox"/>	1141	TesCopy_5	ss dutch	<a href="#">link</a>	Draft contract		Pending				
<input type="checkbox"/>	1141	TesCopy_5	SS test1	<a href="#">link</a>	Draft contract		Pending				
<input type="checkbox"/>	7400002349	Inv_test_1	ss	ssss	Draft contract		Pending				
<input type="checkbox"/>	7400002349	Inv_test_1	1	1	Certification		Approved	nagesh rao	06/30/2020		

Figure 1: Project Supporting Document List

All documents for a single contract are available in the “Supporting Documents” tab within that contract.

Contracts > 7300000804 - undefined AUD \$											
Actions	ENDOR CHANGE ORDER LOG	BACK CHARGES	PAYMENT FORMS	PAYMENT PROGRESS	SUPPORTING DOCUMENTS	WORKFLOW ASSIGNMENTS	SYNC LOG	CONTRACT CLOSEOUT			
Title	File/Link	Document ...	Subtype	Approval st...	Approved/...	Approved/...	Execut...	Effectiv...	Expiration ...	Added by	
<input checked="" type="checkbox"/>	us	j.kj	Certification	Approved	Shyamala Sat...	07/14/2020				Shyamala Sat...	

Figure 2: Supporting Document details