



Explore API Documentation

SelfService_Contract_Invoice

Version 0.01

Last Modified: 11/14/2023

Last Modified By: Chase Denton



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
0.01	6/19/2019	Initial draft	Chase Denton
1.0	2/5/2020	Added invoice document location; sample API response	Swadesh Subedi

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Overview

This API provides all invoices and their payment status/amount.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
Contract_InvoiceReceipt (IR)	Contract_InvoiceReceiptItem (IRI)	IRI.InvoiceReceiptId = IR.InvoiceReceiptId	M:1	Id, Display, Name, Organization Id, VendorId, Vendor Name, Retention withheld
Contract_InvoiceReceipt Item (IRI)	Contract_Contract (C)	IRI.Contractid = C.ContractId	M:1	Id
Contract_Contract (C)	Contract_Project (P)	P.ProjectId = C.ProjectId	M:1	Id, Display, Name, Organization Id
Contract_Contract (C)	Contract_Vendor (V)	V.VendorId = C.VendorId	1:M	Id, Name
Contract_InvoiceReceipt Payment (IRP)	Contract_InvoiceReceipt (IR)	IR.InvoiceReceiptId = IRP.InvoiceReceiptId	1:M	Id, Amount, Date cashed, Check number
Contract_InvoiceReceipt (IR)	Contract_PaymentRequest Invoice (PRI)	PRI.ApayNumber = IR.InvoiceReceiptReference	1:1	Apay number
Contract_Payment RequestInvoice (PRI)	Contract_PaymentRequest (PR)	PR.PayformId = PRI.PayformId	1:1	Id, Request code, Description, Estimate, Billing period
Contract_Payment RequestInvoice (PRI)	Contract_PaymentRequest InvoiceStatusType (PRIST)	PRI.ApayStatusId = PRIST.PaymentRequestInvoiceStatusTypeId	M:1	
Contract_Payment Request (PR)	Contract_PaymentRequest StatusType (PRST)	PRST.PaymentRequestStatusTypeId = PR.PaymentRequestStatusTypeId	1:M	Description

API Detail

Direction	From Project Suite
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¹ 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

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	
Average Payload Size	Depends on date range selected	
APIM Name	SelfService_Contract_Invoice	
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	V1.01

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
InvoiceReceiptId	bigint	NULL	19	NULL	Contract	X
InvoiceNumber	nvarchar	500	NULL	NULL	Contract	
ContractId	bigint	NULL	19	NULL	Contract	
PayformId	bigint	NULL	19	NULL	Contract	
PaymentRequest Code	nvarchar	50	NULL	NULL	Contract	
PayformDescription	nvarchar	1000	NULL	NULL	Contract	
PayformStatus	nvarchar	1000	NULL	NULL	Contract	
ProjectId	bigint	NULL	19	NULL	Contract	
ProjectDisplay	nvarchar	200	NULL	NULL	Contract	
ProjectName	nvarchar	300	NULL	NULL	Contract	
OrganizationId	bigint	NULL	19	NULL	Contract	
VendorId	bigint	NULL	19	NULL	Contract	
VendorName	nvarchar	250	NULL	NULL	Contract	
PaymentRequest Invoiced	bigint	NULL	19	NULL	Contract	
InvoiceDocumentLocation	nvarchar	4000	NULL	NULL	Contract	
ERPDocumentId	bigint	NULL	19	NULL	Contract	
ApayNumber	varchar	50	NULL	NULL	Contract	
ApayStatus	nvarchar	100	NULL	NULL	Contract	
InvoiceDate	datetimeoffset	NULL	NULL	7	Contract	
InvoiceAmountIn ContractCurrency	decimal	NULL	38	NULL	Contract	
PaymentAmount	decimal	NULL	38	NULL	Contract	
PaymentMethod	nvarchar	100	NULL	NULL	Contract	
CheckNumberACH	nvarchar	4000	NULL	NULL	Contract	

DateCashed	nvarchar	4000	NULL	NULL	Contract	
RetentionWithheld	decimal	NULL	38	NULL	Contract	
RetentionReleased	decimal	NULL	16	NULL	Contract	
ProgressEstimate Number	nvarchar	150	NULL	NULL	Contract	
BillingPeriodDate	datetimeoffset	NULL	NULL	7	Contract	
IsActive	bit	NULL	NULL	NULL	Contract	
ModifiedDate	datetimeoffset	NULL	NULL	7	Contract	

Field Descriptions

Name	Description	Example
InvoiceReceiptId	System generated code for an invoice	1,2,3
InvoiceNumber	Invoice number	399001
ContractId	System generated code for a contract	7200000006
PayformId	System generated code for	13
PaymentRequestCode	Request code for payment	0002
PayformDescription	Description of the payform	2166-4675R1
PayformStatus	Status of the payform	Submitted
ProjectId	System generated code for a project	28
ProjectDisplay	Project display number	103487
ProjectName	Name of the project	Core Bank Corporate Headquarters
OrganizationId	System generated code for an organization	64
VendorId	System generated code for a vendor	3598
VendorName	Name of the vendor	Drake-Williams Steel Inc
PaymentRequestInvoiceId	System generated code for the payment request invoice	61
InvoiceDocumentLocation	Invoice URL	https://ineight.com/CoreWebServices/Documents/1072
ERPDocumentId	System generated code for the ERP document	4002119237
ApayNumber	ERP accounts payable number	0003125440
ApayStatus	ERP accounts payable invoice status	Payment Cleared
InvoiceDate	Date of the invoice	2017-10-25 00:00:00.0000000+00:00
InvoiceAmountInContract Currency	Amount of money paid for the invoice in contract currency	908.60000
PaymentAmount	Total amount paid	908.60000
PaymentMethod	How the payment was made	T

CheckNumberACH	Check number on the invoice receipt	2000279489
DateCashed	Date Cashed	Dec 28 2017 12:00AM
RetentionWithheld	Amount of retention withheld	477.00000
RetentionReleased	Amount of retention released	16403.20
ProgressEstimateNumber	Estimated progress number	103413-003
BillingPeriodDate	Date of the billing period	2019-04-22 18:03:28.8190000 +00:00
IsActive	Indicates if the record is active or has been soft deleted	1 = Active, 0 = Inactive
ModifiedDate	Date last modified	2019-07-04 07:43:38.8313456 +00:00

Sample

```
{
InvoiceReceiptId":4,"InvoiceNumber":"39900001","ContractId":7200000002,"PayformId":13,"PaymentRequestCode":"0003","PayformDescription":"Pay App 2","PayformStatus":"Submitted","ProjectId":43,"ProjectDisplay":"103573","ProjectName":"NM AHU 5 Replacement","OrganizationId":36,"VendorId":697,"VendorName":"Mainelli Mechanical Contractors Inc","PaymentRequestInvoiceId":14,"ERPDocumentId":4002108321,"ApayNumber":"0003112059","InvoiceDocumentLocation":"https://kiewit.hds.ineight.com/CoreWebServices/Documents/1134","ApayStatus":"Payment Cleared","InvoiceDate":"2017-11-30T00:00:00Z","InvoiceAmountInContractCurrency":65967.00000,"PaymentAmount":59370.30000,"PaymentMethod":"T","CheckNumberACH":null,"DateCashed":"Feb 6 2018 12:00AM","RetentionWithheld":6596.70000,"RetentionReleased":0.00,"ProgressEstimateNumber":"103573-01","BillingPeriodDate":null,"IsActive":true,"ModifiedDate":"2018-04-11T15:19:47.6014041Z"
}
```

Data Validation

Project and Organization Data can be validated through the All Projects & Organizations view: