



## Explore API Documentation

### SelfService\_Contract\_CostItemPricingResource

Version 1.0

Last Modified: 11/14/2023

Last Modified By: Estefany Puc Nieto



## 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	8/12/2022	Initial draft	Estefany Puc Nieto

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**Overview**

The Compliance Event Task Data API is intended to represent an instance of a filled-out response, meaning that the data is at a question/answer level. When creating reports utilizing this data, please note that to link to your attachments you will need to create the link using the instructions below.

Creating the link to form attachments In your report, you will need to create a new field/column with the following logic:

**When** CharacteristicType = image or signature

**Then** hardcode https://mt1t01kwt-qa-204-sea.hds.ineight.com/CoreWebServices/Documents/ The highlighted portion should come from your environment link, as demonstrated below

```
mt1t01kwt-qa-204-sea.hds.ineight.com/AppCore/Organizations/1/OrganizationHome
```

**Concatenate** the filtered Response field at the end of the hard-coded string, and this will be the final piece of your link. Example below, the highlighted portion at the end is the identification number associated to a given image. It is the response to questions where an image, or a signature of an image is attached.

```
https://mt1t01kwt-qa-204-sea.hds.ineight.com/CoreWebServices/Documents/19333
```

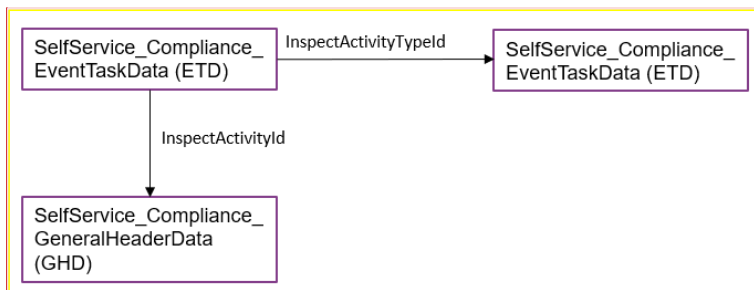
\*In order to access the attachment, you **must** be logged into the application in a browser tab.

**Relationships and Dependencies**

**Commented [NT1]:** This overview should include any special instructions for using this API, such as special filtering criteria

From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment
SelfService Compliance EventTaskData (ETD)	SelfService_Compliance_TemplateData (TD)	ETD.InspectActivityTypeId= TD.InspectActivityTypeId	M:1	
SelfService Compliance EventTaskData (ETD)	SelfService_Compliance_GeneralHeaderData (GHD)	ETD.InspectActivityId= GHD.InspectActivityId		

**Commented [NT2]:** This section contains the joins for the specific API to other APIs, the cardinality will indicate the relationship between tables. For example, here, the Event Task Data API has many records for every one record in the General Header Data API



**Commented [NT3]:** There is a PowerPoint document in the Sharepoint folder where the API documents are maintained that can be used as a template for creating these diagrams. The formatting is optional. The intent is to create a visualization of the information in the table above it

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



## 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	
Average Payload Size	Depends on date range selected	
APIM Name	SelfService_Contract_CostItemPricingResource	
Data Refresh/Delta/Incremental Loads	The data in this API will refresh in five minutes or less from the time it is entered.	
Project Suite	Starting Version	20.5
	Ending Version	N/A

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Type	CharMaxLen gth	NumericPrecis ion	DatePrecisi on	Produ ct	P K
CostItemPricingResourceId	bigint	8	19	0	Capita l	
CostItemPricingDetailId	nvarchar	402	0	0	Capita l	
Row	datetimeoffset	10	34	7	Capita l	
Code	nvarchar	500	0	0	Capita l	
Description	datetimeoffset	10	34	7	Capita l	X
Workhours	varchar	14	0	0	Capita l	
CostDriver	bigint	8	19	0	Capita l	
UoM	nvarchar	500	0	0	Capita l	
CEUnitCost	nvarchar	100	0	0	Capita l	
Quantity	nvarchar	402	0	0	Capita l	
CETotalCost	datetimeoffset	10	34	7	Capita l	
MaintenanceCost	datetimeoffset	10	34	7	Capita l	
Scale1	nvarchar	500	0	0	Capita l	

Scale2						
Scale3						
CostCurve						
BillingRateScale1						
BillingRateScale2						
BillingRateScale3						
MarkupScale1						
MarkupScale2						
MarkupScale3						
MarkupPercentScale1						
MarkupPercentScale2						
MarkupPercentScale3						
CostItemEstimateResourceId						
ProjectEstimateResourceId						
ResourceId						
ResourceTypeDescription						
IsActive						
CreatedById						
CreatedDate						
ModifiedById						
ModifiedDate						
Scale1Cost						
Scale2Cost						
Scale3Cost						
QtyLesswaste						
WastePercent						
CostDriverId						

### Field Descriptions

Name	Description	Example
CostItemPricingResourceId	Unique identifier that corresponds to each record in the API, refers to the	30
CostItemPricingDetailId	Unique identifier linking the record to the activity type	273
Row	Unique identifier for each instance of a filled out form or task, displayed in the application	2



Code	Unique identifier associated to each response	Im1
Description	Unique value associated to the section of the form or task	Installed material
Workhours	Unique value associated to the characteristic type	4.0000000000
CostDriver	Text name of the form	CI Duration
UoM	Text name of the section(s) within a form	7
CEUnitCost		70.0000000000
Quantity		0.000000000000
CETotalCost		280.000000000000
MaintenanceCost		NULL
Scale1		100.000000000000
Scale2		0.000000000000
Scale3		0.000000000000
CostCurve		Linear
BillingRateScale1		70.000000000000
BillingRateScale2		NULL
BillingRateScale3		NULL
MarkupScale1		0.000000000000
MarkupScale2		0.000000000000
MarkupScale3		0.000000000000
MarkupPercentScale1		0.000000000000
MarkupPercentScale2		0.000000000000
MarkupPercentScale3		0.000000000000
CostItemEstimateResourceId		2062422
ProjectEstimateResourceId		2062422
ResourceTypeId		4
ResourceTypeDescription		Installed material
IsActive		0
CreatedById		14615
CreatedDate		2022-06-20 14:40:37.1457104 +00:00
ModifiedById		148514
ModifiedDate		2022-06-20 14:49:23.8979640 +00:00
Scale1Cost		0.000000000000
Scale2Cost		0.000000000000
Scale3Cost		0.000000000000
QtyLesswaste		0.000000000000
WastePercent		0.000000000000
CostDriverId		1





Sample

[https://kiewit-qa-228.hds.ineight.com/reportwebservices/odata/SelfService\\_Contract\\_CostItemPricingResourceCategoryCost](https://kiewit-qa-228.hds.ineight.com/reportwebservices/odata/SelfService_Contract_CostItemPricingResourceCategoryCost)

```
{ "FundId":1,"FundName":"F-001","Source":"","SourceType":"Federal direct grant","FundRequirement":null,"TotalAmount":4.000000,"TotalAllocated":1.000000,"StartDate":"2022-04-01T05:00:00Z","EndDate":"2022-07-30T05:00:00Z","Type":null,"Status":"Available","Administrator":null,"CreatedBy":"Anitha Dooshety","CreatedDate":"2022-04-27T18:59:00.259104Z","ModifiedBy":"gowtham krishna-ptr","ModifiedDate":"2022-05-04T09:48:31.0503372Z"}
```

Data Validation

This data can be validated by navigating to Compliance, and selecting the desired Event or Task.

**Commented [NT4]:** The data validation section should include screenshots and navigation instructions from where the data can be found in the corresponding application

Figure 1: Compliance> Module> Events(or Tasks)

Event title	Category	Event date	Event ID	Form name	Project/Organization	Reporter	Status
test template_2021071500013	10#Corporate Safety Forms	07/15/2021	2021071500013	test template	Riverside National Cemetery (103446)	Neha M	Pending
QAD	10#Corporate Safety Forms	07/15/2021	2021071500012	Date time validation	Riverside National Cemetery (103446)	Neha M	Pending
QAD	10#Corporate Safety Forms	07/15/2021	2021071500009	21.5 Features -dtd	Riverside National Cemetery (103446)	Neha M	Pending
Test	10#Corporate Safety Forms	07/15/2021	2021071500008	21.5 Features -dtd	Riverside National Cemetery (103446)	Neha M	Pending
Test	10#Corporate Safety Forms	07/15/2021	2021071500007	21.5 Features -dtd	Riverside National Cemetery (103446)	Neha M	Pending
Test	10#Corporate Safety Forms	07/15/2021	2021071500006	21.5 Features -dtd	Riverside National Cemetery (103446)	Neha M	Pending
Test	10#Corporate Safety Forms	07/15/2021	2021071500005	Date time validation	Riverside National Cemetery (103446)	Neha M	Pending
test template_2021071500004	10#Corporate Safety Forms	07/15/2021	2021071500004	test template	Riverside National Cemetery (103446)	Neha M	Pending
Date time issue	10#Corporate Safety Forms	07/15/2021	2021071500003	Date time validation	Riverside National Cemetery (103446)	Neha M	Pending
QAD	10#Corporate Safety Forms	07/15/2021	20210715000010	Date time validation	Riverside National Cemetery (103446)	Neha M	Pending
New template_2021071400016	10#Corporate Safety Forms	07/14/2021	2021071400016	New template	Riverside National Cemetery (103446)	Neha M	Pending
New template_2021071400013	10#Corporate Safety Forms	07/14/2021	2021071400013	New template	Riverside National Cemetery (103446)	Neha M	Pending
New template_031071400014	10#Corporate Safety Forms	07/14/2021	2021071400014	New template	Riverside National Cemetery (103446)	Neha M	Scheduled
QAD	10#Corporate Safety Forms	07/14/2021	2021071400005	Date time validation	Riverside National Cemetery (103446)	Balraj Sahoo	Scheduled
QAD	10#Corporate Safety Forms	07/14/2021	2021071400004	QA mobile 21.5-Do Not Edit-1	Riverside National Cemetery (103446)	Neha M	Scheduled
Remarks	10#Corporate Safety Forms	07/13/2021	2021071400001	QA mobile 21.5-Do Not Edit-1	Riverside National Cemetery (103446)	Neha M	Scheduled

Figure 2: Compliance> Module> Events(or Tasks)> Select your corresponding Event or Task



