



Explore API Documentation

Explore_Plan_WorkPlanRisk
Version 2.0

Last Modified: 11/14/2023



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	01/07/2022	Initial draft	Chase Denton
1.1	12/20/2022	Updated pagination	Litzy Mora
2.0	03/21/2023	Updated relationship and diagram, formatting, etc.	Swadesh Subedi

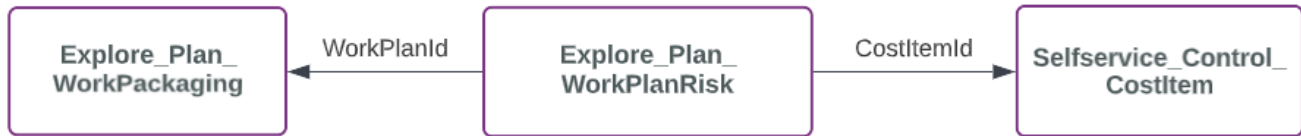
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Overview

The **Explore_Plan_WorkPlanRisk** API is intended to provide information on risk from work plans that also can be tied to cost items.

Relationships and Dependencies



From: Table	To: Table	Relationship	Cardinality	Comment
Explore_Plan_WorkPlan Risk (WPR)	Explore_Plan_Work Packaging (WP)	WPR.WorkPlanId = WP.WorkPlanId	M:1	Work Plan
Explore_Plan_WorkPlan Risk (WPR)	SelfService_Control _CostItem (CI)	WPR.CostItemId = CI.CostItemId	M:1	Cost Item

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	
API URL	https://api.ineight.com/reporting/v1/{TenantKey}/odata/Explore_Plan_WorkPlanRisk	
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. Data can be incrementally loaded after first full refresh.	
Replicate View	Explore.vwPlanWorkPlanRisk	
Project Suite	Starting Version	22.12
	Ending Version	

Supported Filters

All default OData filters are supported by this API.

Fields

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
WorkPlanRiskId	Bigint	Null	Null	Null	Null	N	X
WorkPlanId	Bigint	Null	Null	Null	Null	Y	
WorkPlanName	Nvarchar	100	Null	Null	Null	Y	
WorkPlanDesc	Nvarchar	1000	Null	Null	Null	Y	
ProjectId	BigInt	Null	Null	Null	Null	Y	
Step	SmallInt	Null	Null	Null	Null	Y	
WorkPlanRiskDescription	Nvarchar	200	Null	Null	Null	Y	
IsHoldPoint	Bit	Null	Null	Null	Null	Y	
Risk	Nvarchar	Null	Null	Null	Null	Y	
Mitigation	Nvarchar	200	Null	Null	Null	Y	
RequiredSafteyItems	Nvarchar	200	Null	Null	Null	Y	
SafteyTypeId	BigInt	Null	Null	Null	Null	Y	
TypeofInspection	Nvarchar	100	Null	Null	Null	Y	
Inspector	Nvarchar	50	Null	Null	Null	Y	
Spec	Nvarchar	150	Null	Null	Null	Y	
Tolerances	Nvarchar	150	Null	Null	Null	Y	
ITP	Nvarchar	50	Null	Null	Null	Y	
CostItemId	BigInt	Null	Null	Null	Null	Y	
CostItemDescription	Nvarchar	250	Null	Null	Null	Y	

Field Descriptions

Name	Description	Example
WorkPlanRiskId	Unique identifier for a work plan risk	1
WorkPlanId	System generated identifier for a work plan	77
WorkPlanName	Name of the work plan	PS 47 -56 and Iso's 848-8/908-7/910-7.
WorkPlanDesc	Description of the work plan	Potholing plan for PDHA prior to excavation
ProjectId	System generated identifier for a project	3
Step	Phase of the work plan risk	1
WorkPlanRiskDescription	Description of the risk	Elevated
IsHoldPoint	1 or 0, 1 if is hold point	0
Risk	Explanation of the risk	Crush points while moving
Mitigation	Explanation of how to mitigate the risk	Utilize a spotter
RequiredSafteyItems	Safety items needed	Spotter
SafteyTypeId	Identifier for the safety type	30
TypeofInspection	Description of the inspection type	concrete Inspector
Inspector	Name of the inspector	Gary
Spec	Spec name	33 00 30
Tolerances	Explanation of what is allowed	+/_ 1/4"
ITP	Extra notes on the risk	Doc # FAC-MS-QC-IST-0077
CostItemId	System generated identifier for a cost item	306638
CostItemDescription	Description of the cost item	Dry Finish Patch Lifting Inserts

Sample

```
{
  https://api.ineight.com/reporting/v1/{TenantKey}/odata/Explore_Plan_WorkPlanRisk[?$expand][&$filter][&$select][&$orderby][&$top][&$skip][&$count]
}
```

Data Validation

The screenshot shows the 'Quality' workspace in the InEight software. The interface includes a top navigation bar with the user '103442 | Van Nuys North Platform / Plan / Work packaging' and a status bar '21.12 QA'. The main workspace is titled 'Quality' and contains a table with the following data:

Step	Description	Hold point	Quality risk	Mitigation	Type of inspection	Inspector	Account code	Account code desc
1	New quality item 1							
1	New quality item 2							
1	New quality item 3							
1	New quality item 4							

On the left, the 'Manage workspace' section shows a list of categories with checkboxes: Equipment, Materials, Budget, Activity components, Contract components, Lessons learned, Quality forms, Work sequence, Tools, Temporary structures, Labor, Goals, Quality (checked), Safety (checked), and Environmental (checked). A 'Save workspace as view' link is also present.

The screenshot shows the 'Environmental' workspace in the InEight software. The interface is similar to the previous one, with the main workspace titled 'Environmental' and an empty table. The 'Manage workspace' section on the left shows the same list of categories, with 'Quality', 'Safety', and 'Environmental' checked.