Opcenter EX DS Entities			Opcenter Intelligence Model Entities		Opcenter Execution Discrete – Public object model entities		
DB Name	Entity	Attribute	Entity	Attributes	Entity exposed by POM	UI	Mapping info
			BillOfMaterial		BoM	UI Material Definitions >> select a Material Definition >> tab BoM	
----	----	<site_id>		BillOfMaterialSiteId			
UADM	vBoM_Siemens_Simati_1391740687	Id		BillOfMaterialKey			
UADM	vBoM_Siemens_Simati_1391740687	Name or Nid		Name			
UADM	vBoM_Siemens_Simati_1391740687	[Description]		Description			
UADM	vBoM_Siemens_Simati_1391740687	QuantityValue.Quantity		Quantity			
UADM	vBoM_Siemens_Simati_1391740687	UoMNId.Quantity		UomId			
----	----	<site_id>		MaterialDefinitionId			
UADM	vBoM_Siemens_Simati_1391740687	MaterialDefinition_Id					
			BillOfMaterialItem		BoMItem	UI Material Definitions >> select a Material Definition >> tab BoM, select a BoM >> tab BoM Items (flat view) and BoM Tree (hierarchy view)	
----	----	<site_id>		BillOfMaterialItemSiteId			
UADM	vBoMItem_Siemens_Sim_292660823	Id		BillOfMaterialItemKey			
----	----	<site_id>		BillOfMaterialId			
UADM	vBoMItem_Siemens_Sim_292660823	BoM_Id					
UADM	vBoMItem_Siemens_Sim_292660823	NId		Name			
----	----	<site_id>		MaterialDefinitionId			
UADM	vBoMItem_Siemens_Sim_292660823	MaterialDefinition_Id					
UADM	vBoMItem_Siemens_Sim_292660823	QuantityValue.Quantity		Quantity			
UADM	vBoMItem_Siemens_Sim_292660823	UoMNId.Quantity		UomId			
			Defect		Defect	UI Non-Conformances >> select a Non-Conformance >> tab Defects	
----	----	<site_id>		DefectSiteId			
UADM	vDefect_Siemens_Sim_2091630976	Id		DefectKey			
UADM	vDefect_Siemens_Sim_2091630976	Id		Name			
----	----	<site_id>		NonConformanceId			
UADM	vDefect_Siemens_Sim_2091630976	NonConformance_Id					
			DefectClass		DefectType	UI Defect Types	
----	----	<site_id>		DefectClassSiteId			
UADM	vDefectType_Siemens_1029800126 ,vDefectGroup_Siemen_1773021159 ,vFailure_Siemens_Op_1949421172	'DefectType_'+ Id ,GroupPath_' +Id,Nid		DefectClassKey			
UADM	vDefectType_Siemens_1029800126 ,vDefectGroup_Siemen_1773021159 ,vFailure_Siemens_Op_1949421172	Name or Nid		Name			
UADM	vDefectType_Siemens_1029800126 ,vDefectGroup_Siemen_1773021159 ,vFailure_Siemens_Op_1949421172	Description		Description			
			DefectDefectClass		Defect	UI Non-Conformances >> select a Non-Conformance >> tab Defects	Defect-Defect type association
----	----	<site_id>		DefectDefectClassSiteId			
UADM	vDefect_Siemens_Sim_2091630976	Id + '_' + DefectType, Id+'_' +GroupPath, Id+' ' +FailureNId		DefectDefectClassKey			
----	----	<site_id>		DefectId			
UADM	vDefect_Siemens_Sim_2091630976	Id					
----	----	<site_id>		DefectClassId			
UADM	vDefect_Siemens_Sim_2091630976, vDefectGroup_Siemen_1773021159, vDefect Siemens Sim 2091630976	DefectType_' + DefectType, 'GroupPath_' + Id, FailureNId					
			Equipment		Equipment	UI Equipment	
----	----	<site_id>		EquipmentSiteId			
UADM	vEquipment_Siemens__2037264456	Id		EquipmentKey			
UADM	vEquipment_Siemens__2037264456	Name or Nid		Name			
UADM	vEquipment_Siemens__2037264456	Description		Description			
			EquipmentClass		MachineDefinition	UI Equipment >> switch in tile mode: the Machine Definition is shown in the Equipment tile	
----	----	<site_id>		EquipmentClassSiteId			
UADM	vEquipmentLevel_Sie_1829947488	Nid		EquipmentClassKey			
UADM	vEquipmentLevel_Sie_1829947488	Name or Nid		Name			
UADM	vEquipmentLevel_Sie_1829947488	Description		Description			
			EquipmentEquipmentClass		Equipment	UI Equipment >> switch in tile mode: the Machine Definition is shown in the Equipment tile	Equipment-MachineDefinition association
----	----	<site_id>		EquipmentEquipmentClassSiteId			
UADM	vEquipment_Siemens__2037264456	Id+'_' + LevelNId		EquipmentEquipmentClassKey			
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
----	----	<site_id>		EquipmentClassId			
UADM	vEquipment_Siemens__2037264456	LevelNId					
			EquipmentHierarchy		Equipment	UI Equipment, default tree view	Equipment-Equipment hierarchical association
----	----	<site_id>		EquipmentHierarchySiteId			
UADM	vEquipmentGraphLinkC_636721155	Id		EquipmentHierarchyKey			
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					

Col1	Col2	Col3	Col4	Col5	Col6	Col7
----	----	<site_id>	ParentEquipmentId			
UADM	vEquipment_Siemens__2037264456	Id				
			Labor	PublicUser (this entity is exposed in the engineering service layer by UAF)	UI Users	
----	----	<site_id>	LaborSiteId			
UADM	vUserNonProductiveAc_383652110,vWorkOrderHistory_Si_518515069	User,UserId	LaborKey			
UADM	vUserNonProductiveAc_383652110,vWorkOrderHistory_Si_518515069	User,UserId	Name			
			LaborTimeCategory	WorkOrderHistoryAction	UI Work Orders >> select a WorkOrder >> button As Built >> tab Activity History. You can also see them on UI Genealogy, in the tree representation, under each WorkOrderOperation node	
----	----	<site_id>	LaborTimeCategorySiteId			
UADM	vNonProductiveActivi_678536801	Id	LaborTimeCategoryKey			
UADM	vNonProductiveActivi_678536801	Nid	Name			
UADM	vNonProductiveActivi_678536801	Description	Description			
			LaborTimeModel	WorkOrderHistory + WorkOrderHistoryAction	UI Users >> select a user >> tab Log	
----	----	<site_id>	LaborTimeModelSiteId			
UADM	vUserNonProductiveAc_383652110	Id	LaborTimeModelKey			
----	----	<site_id>	LaborTimeCategorySiteId			
UADM	vUserNonProductiveAc_383652110	NPAId	LaborTimeCategoryKey			
----	----	<site_id>	LaborSiteId			
----	----	User	LaborKey			
UADM	vUserNonProductiveAc_383652110	StartDate-EndDate	Duration			
UADM	vUserNonProductiveAc_383652110	StartDate	StartDateTime			
UADM	vUserNonProductiveAc_383652110	EndDate	EndDate			
			MaterialClass	MaterialClass	UI Material Definitions >> in the default tile view the MaterialClass is shown	UI Material Definitions >> in the default tile view the MaterialClass is shown
----	----	<site_id>	MaterialClassSiteId			
UADM	vMaterialGroup_Siem_2035655829,vDM_FunctionalCode_S_320778133	Id or Nid	MaterialClassKey			
UADM	vMaterialGroup_Siem_2035655829,vDM_FunctionalCode_S_320778133	Name or Nid	Name			
UADM	vMaterialGroup_Siem_2035655829,vDM_FunctionalCode_S_320778133	Description	Description			
			MaterialDefinition	MaterialDefinition	UI Material Definitions	UI Material Definitions
----	----	<site_id>	MaterialDefinitionSiteId			
UADM	vMaterial_Siemens_Si_170253665	Id	MaterialDefinitionKey			
UADM	vMaterial_Siemens_Si_170253665	Name or Nid	Name			
UADM	vMaterial_Siemens_Si_170253665	Description	Description			
			MaterialDefinitionMaterialClass	MaterialDefinition	UI Material Definitions	MaterialDefinition-MaterialClass association
----	----	<site_id>	MaterialDefinitionMaterialClassSiteId			
UADM	vDM_Material_Siemens_463872986	Id or 'FunctionalCode_' + Id	MaterialDefinitionMaterialClassKey			
----	----	<site_id>	MaterialDefinitionId			
UADM	vMaterial_Siemens_Si_170253665	Id				
----	----	<site_id>	MaterialClassId			
UADM	vDM_Material_Siemens_463872986	MaterialClass_Id or FunctionalCodeNid				
			MaterialDefinitionPropertyStaticValue	Value of MaterialDefinition attribute	UI Material Definitions, grid mode	"Revision", "SerialNumberProfile", "FirstArticleInspection")
----	----	<site_id>	MaterialDefinitionPropertyStaticValueSiteId			
UADM	vMaterial_Siemens_Si_170253665	(Id +'_'+'Revision' or Id +'_'+'IsCurrent') or (Id +'_'+'SerialNumberProfile' or Id +'_'+'FirstArticleInspection' or Id +'_'+'WeightUom' or Id +'_'+'VolumeUom' or Id +'_'+'WeightQuantity' or Id +'_'+'VolumeQuantity' or Id +'_'+'Code')	MaterialDefinitionPropertyStaticValueKey			
----	----	<site_id>	MaterialDefinitionId			
UADM	vMaterial_Siemens_Si_170253665	Id				
----	----	<site_id>	MaterialPropertyId			
----	----	"Revision" or "IsCurrent"or "SerialNumberProfile" or "FirstArticleInspection" or "WeightUom" or "VolumeUom" or "WeightQuantity" or "VolumeQuantity" or "Code"				
UADM	vMaterial_Siemens_Si_170253665 or vDM_Material_Siemens_463872986	(Revision or IsCurrent) or (SerialNumberProfile or FirstArticleInspection or UoMNId.Weight or UoMNId.Volume	StringValue			
UADM	vDM_Material_Siemens_463872986	QuantityValue.Weight or QuantityValue.Volume	FloatValue			
			MaterialLot	MaterialItem	UI Material Items	
----	----	<site_id>	MaterialLotSiteId			
UADM	vMaterialTrackingUni_494706508	Nid	MaterialLotKey			
UADM	vMaterialTrackingUni_494706508	Name	Name			
UADM	vMaterialTrackingUni_494706508	Description	Description			
----	----	<site_id>	MaterialDefinitionId			

UADM	vMaterial_Siemens_Si_170253665	Id		Quantity			
UADM	vMaterialTrackingUni_494706508	QuantityValue.Quantity		Quantity			
UADM	vMaterialTrackingUni_494706508	UoMNId.Quantity		UomId			
			MaterialLotHierarchy		**MaterialItemHistory + MaterialItemHistoryAction**	UI Material Items >> Material Item Details >> Parent Batch property and tab History UI Raw Material Genealogy	
----	----	<site_id>		MaterialLotHierarchySiteId			
UADM	vMaterialTrackingUni_494706508	Id		MaterialLotHierarchyKey			
----	----	<site_id>		MaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId					
----	----	<site_id>		ParentMaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId					
			MaterialLotOperation		**MaterialItemHistory + MaterialItemHistoryAction**	UI Material Items >> select a Material Item >> tab History	
----	----	<site_id>		MaterialLotOperationSiteId			
UADM	vDM_MaterialTracking_215326293	Id		MaterialLotOperationKey			
UADM	vDM_MaterialTracking_215326293	Date		OperationDateTime			
----	----	<site_id>		MaterialLotId			
UADM	vDM_MaterialTrackin_1551871669	NId					
----	----	<site_id>		MaterialDefinitionId			
UADM	vDM_Material_Siemens_463872986	Material_Id					
UADM	vDM_MaterialTracking_215326293	OldQuantity		ActualQuantity			
UADM	vDM_MaterialTracking_215326293	Quantity		OperationQuantity			
UADM	dbo.vMaterialTrackingUni_494706508	UoMNId.Quantity		UomId			
----	----	<site_id>		SourceMaterialDefinitionId			
UADM	vDM_Material_Siemens_463872986	Material_Id					
----	----	<site_id>		SourceMaterialLotId			
UADM	vDM_MaterialTrackin_1551871669	NId					
UADM	vMaterialTrackingUni_494706508	UoMNId.Quantity		SourceUomId			
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
----	----	<site_id>		SourceEquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
			MaterialLotPropertyStaticValue		**Value of MaterialItem attribute**	UI Material Items	"SerialNumberCode", "BatchId", "IsReserved"
----	----	<site_id>		MaterialLotPropertyStaticValueSiteId			
UADM	vMaterialTrackingUni_494706508	Id +'_Code'		MaterialLotPropertyStaticValueKey			
----	----	<site_id>		MaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId					
----	----	<site_id>		MaterialPropertyId			
----	----	'Code'					
----	----	Code		StringValue			
			MaterialProperty		**Attribute/Property of a MaterialDefinition**	UI Material Definitions, grid mode	"FirstArticleInspection", "SerialNumberCode","Revision","BatchId"
----	----	<site_id>		MaterialPropertySiteId			
----	----	"Revision" or "IsCurrent"or "SerialNumberProfile" or "FirstArticleInspection" or "WeightUom" or "VolumeUom" or "WeightQuantity" or "VolumeQuantity" or "Code"		MaterialPropertyKey			
----	----	"Revision" or "IsCurrent"or "SerialNumberProfile" or "FirstArticleInspection" or "WeightUom" or "VolumeUom" or "WeightQuantity" or "VolumeQuantity" or "Code"		Name			
----	----	"String" or "Numeric"		PropertyTypeId			
----	----	"n/a"		UomId			
			NonConformance		**NonConformance**	UI Non-Conformances	
----	----	<site_id>		NonConformanceSiteId			
UADM	vNonConformance_Sieme_73759778	Id		NonConformanceKey			
UADM	vNonConformance_Sieme_73759778	NId		Name			
----	----	<site_id>		NonConformanceStatusId			
UADM	vNonConformanceStat_1246268624	Id					
UADM	vNonConformance_Sieme_73759778	StartDate		StartDateTime			
UADM	vNonConformance_Sieme_73759778	EndDate		EndDateTime			
UADM	vNonConformance_Sieme_73759778	(StartDate) - (EndDate)		Duration			
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
----	----	<site_id>		MaterialDefinitionId			
----	----	----					
----	----	<site_id>		ToolDefinitionId			

Source	Source View	Source Field / Expression	Target Entity	Target Field	Related	UI	Description
----	----	----					
----	----	<site_id>		OperationExecutionId			
UADM	vNonConformance_Sieme_73759778	NId					
----	----	<site_id>		OperationResponseId			
UADM	vNonConformance_Sieme_73759778	WorkOrderOperation_Id					
----	----	<site_id>		MaterialLotId			
----	----	----					
UADM	vNonConformance_Sieme_73759778	Notes		Comment			
----	----			InspectedQuantity			
UADM	vNonConformance_Sieme_73759778	Quantity		NonConformantQuantity			
			NonConformanceClass		**NonConformanceSeverity**	UI Non-Conformances >> tab Details	
----	----	<site_id>		NonConformanceClassSiteId			
UADM	vNonConformance_Sieme_73759778	("Severity_" + Severity) OR ("Type_"+ Type)		NonConformanceClassKey			
UADM	vNonConformance_Sieme_73759778	Severity OR Type		Name			
			NonConformanceEquipmentSpecification		**NonConformanceItem**	UI Non-Conformances >> tab Machines	Equipment where the Non-Conformance has been opened on
----	----	<site_id>		NonConformanceEquipmentSpecificationSiteId			
UADM	vEquipment_Siemens__2037264456	Id		NonConformanceEquipmentSpecificationKey			
----	----	<site_id>		NonConformanceId			
UADM	vEquipment_Siemens__2037264456	NonConformance_Id					
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
		1		Quantity			
			NonConformanceNonConformanceClass		**NonConformance**	UI Non-Conformances	NonConformance-NonConformanceSeverity association
----	----	<site_id>		NonConformanceNonConformanceClassSiteId			
UADM	vNonConformance_Sieme_73759778	(Id + '_'+'Severity_' + Severity) OR (Id + '_' + ('Type_'+ [Type]))		NonConformanceNonConformanceClassKey			
----	----	<site_id>		NonConformanceClassId			
UADM	vNonConformance_Sieme_73759778	Id					
----	----	<site_id>		NonConformanceId			
UADM	vNonConformance_Sieme_73759778	('Severity_' + Severity) OR ('Type_' + [Type])					
			NonConformanceMaterialLotSpecification		**NonConformanceItem**	UI Non-Conformances >> tab Material Items	Material item where the Non-Conformance has been opened on
----	----	<site_id>		NonConformanceMaterialLotSpecificationSiteId			
UADM	vNonConformanceItem_1873176518	Id		NonConformanceMaterialLotSpecificationKey			
----	----	<site_id>		NonConformanceId			
UADM	vNonConformanceItem_1873176518	NonConformance_Id					
----	----	<site_id>		MaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId					
		1		Quantity			
			NonConformanceProperty		**Attribute of a NonConformance**	UI Non-Conformances	"SerialNumber"
----	----	<site_id>		NonConformancePropertySiteId			
----	----	"SerialNumber"		NonConformancePropertyKey			
----	----	"SerialNumber"		Name			
----	----	"String"		PropertyTypeId			
----	----	"n/a"		UomId			
			NonConformancePropertyStaticValue		**Value for a NonConformance attribute**	UI Non-Conformances	"SerialNumber"
----	----	<site_id>		NonConformancePropertyStaticValueSiteId			
----	----	----		NonConformancePropertyStaticValueKey			
----	----	<site_id>		NonConformanceId			
----	----	----					
----	----	<site_id>		NonConformancePropertyId			
----	----	----					
----	----	----		StringValue			
			NonConformanceStatus		**NonConformanceStatus**	UI Non-Conformance Lifecycles	
----	----	<site_id>		NonConformanceStatusSiteId			
UADM	vNonConformanceStat_1246268624	Id		NonConformanceStatusKey			
UADM	vNonConformanceStat_1246268624	Name or NId		Name			
UADM	vNonConformanceStat_1246268624	Description		Description			
			NonConformanceToolSpecification		**NonConformanceItem**	UI Non-Conformances >> tab Tools	Tool item where the Non-Conformance has been opened on
----	----	<site_id>		NonConformanceToolSpecificationSiteId			
UADM	vNonConformanceItem_1873176518	Id		NonConformanceToolSpecificationKey			
----	----	<site_id>		NonConformanceId			
UADM	vNonConformanceItem_1873176518	NonConformance_Id					
----	----	<site_id>		ToolId			
UADM	vNonConformanceItem_1873176518	Tool_id					
		1		Quantity			
			OperationDefinition		**Operation/Step**	UI Operation Catalog/ UI Step Catalog	
----	----	<site_id>		OperationDefinitionSiteId			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Id		OperationDefinitionKey			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Name OR Nid		Name			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Description		Description			
----	----	<site_id>		OperationDefinitionClassSiteId			

Type	Source View	Source Expression	Entity	Target Field	Description	UI Location	Value
----	----	"Operation" or "Step"		OperationDefinitionClassKey			
----	----	"Operation" or "Step"		Name			
			OperationDefinitionEquipmentSpecification				
----	----	<site_id>		OperationDefinitionEquipmentSpecificationSiteId			
UADM	vEquipmentSpecifica_1193585561	Id		OperationDefinitionEquipmentSpecificationKey			
----	----	<site_id>		OperationDefinitionId			
UADM	vOperation_Siemens_S_700803909	Id					
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
			OperationDefinitionMaterialDefinitionSpecificationIn				
----	----	<site_id>		OperationDefinitionMaterialDefinitionSpecificationInSiteId			
UADM	vMaterialSpecificat_1918342704	Id		OperationDefinitionMaterialDefinitionSpecificationInKey			
----	----	<site_id>		OperationDefinitionId			
UADM	vOperation_Siemens_S_700803909	Id					
----	----	<site_id>		MaterialDefinitionId			
UADM	vMaterial_Siemens_Si_170253665	Id					
UADM	vMaterialSpecificat_1918342704	QuantityValue.Quantity		Quantity			
UADM	vMaterialSpecificat_1918342704	UoMNId.Quantity		UomId			
			OperationDefinitionOperationDefinitionClass				
----	----	<site_id>		OperationDefinitionOperationDefinitionClassSiteId			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	(Id + '_Operation') or (Id + '_Step')		OperationDefinitionOperationDefinitionClassKey			
----	----	<site_id>		OperationDefinitionClassId			
----	----	"Operation" or "Step"					
----	----	<site_id>		OperationDefinitionId			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Id					
			OperationDefinitionProperty		Attribute of an Operation	UI Operation Catalog, grid mode	"EstimatedDuration"
----	----	<site_id>		OperationDefinitionPropertySiteId			
----	----	"EstimatedDuration" or "Revision"		OperationDefinitionPropertyKey			
----	----	"n/a"		UomId			
----	----	"Numeric" or "String"		PropertyTypeId			
----	----	"EstimatedDuration" or "Revision"		Name			
			OperationDefinitionPropertyStaticValue		Value for an Operation/Step attribute	UI Operation Catalog/ UI Step Catalog, grid mode	"EstimatedDuration"
----	----	<site_id>		OperationDefinitionPropertyStaticValueSiteId			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	(Id+'_' +'EstimatedDuration') or (Id+'_' +'Revision')		OperationDefinitionPropertyStaticValueKey			
----	----	<site_id>		OperationDefinitionId			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Id					
----	----	<site_id>		OperationDefinitionPropertyId			
----	----	"EstimatedDuration" or "Revision"					
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	EstimatedDuration		FloatValue			
UADM	vOperation_Siemens_S_700803909 or vStep_Siemens_Simati_938557012	Revision		StringValue			
			OperationExecution		WorkOrder	UI Work Orders	
----	----	<site_id>		OperationExecutionSiteId			
UADM	vWorkOrder_Siemens_S_749389132	NId		OperationExecutionKey			
UADM	vWorkOrder_Siemens_S_749389132	Name		Name			
UADM	vWorkOrder_Siemens_S_749389132	Notes		Description			
----	----	<site_id>		OperationExecutionStatusId			
UADM	vWorkOrder_Siemens_S_749389132	StatusNId.Status					
----	----	<site_id>		EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id					
----	----	<site_id>		MaterialDefinitionId			
UADM	vDM_Material_Siemens_463872986	Material_Id					
----	----	<site_id>		BillOfMaterialId			
UADM	vBoM_Siemens_Simati_1391740687	Id					
----	----	<site_id>		OperationSchedulingId			
UADM	vWorkOrder_Siemens_S_749389132	Id					
UADM	vWorkOrder_Siemens_S_749389132	ProducedQuantity		ProducedQuantity			
UADM	vWorkOrder_Siemens_S_749389132	ReworkedQuantity		ReworkedQuantity			
UADM	vWorkOrder_Siemens_S_749389132	ScrappedQuantity		ScrapQuantity			
UADM	vMaterial_Siemens_Si_170253665	UoMNId		UomId			
UADM	vWorkOrder_Siemens_S_749389132	ActualStartTime		StartDateTime			
UADM	vWorkOrder_Siemens_S_749389132	ActualEndTime		EndDateTime			
UADM	vWorkOrder_Siemens_S_749389132	ActualStartTime - ActualEndTime		Duration			
			OperationExecutionClass		ProductionType/ExecutionGroup	UI Work Orders >> tab Details/UI Execution Groups	
----	----	<site_id>		OperationExecutionClassSiteId			
UADM	vProductionType_Siem_763981173	Id +'_ProductionType'		OperationExecutionClassKey			
UADM	vProductionType_Siem_763981173	NId		Name			
			OperationExecutionHierarchy				
----	----	<site_id>		OperationExecutionHierarchySiteId			
UADM	vWorkOrder_Siemens_S_749389132	Id		OperationExecutionHierarchyKey			

Type	Source	Source Field / Expression	Entity	Target Attribute	Description	UI Path	Attributes
----	----	<site_id>		ParentOperationExecutionId			
UADM	vWorkOrder_Siemens_S_749389132	Nid					
----	----	<site_id>		OperationExecutionId			
UADM	vWorkOrder_Siemens_S_749389132	Nid					
			OperationExecutionOperationExecutionClass		**WorkOrder**	UI Execution Groups >> open an ExecutionGroup >> tab Operations	WorkOrder-ProductionType/Execution Group association
----	----	<site_id>		OperationExecutionOperationExecutionClassSiteId			
UADM	vWorkOrder_Siemens_S_749389132	Id		OperationExecutionOperationExecutionClassKey			
----	----	<site_id>		OperationExecutionId			
UADM	vWorkOrder_Siemens_S_749389132	Nid					
----	----	<site_id>		OperationExecutionClassId			
UADM	vWorkOrder_Siemens_S_749389132	ProductionType_Id +'_ProductionType'					
' " '			**OperationExecutionProperty**		**Attribute of a WorkOrder**	UI Execution Groups >> open an ExecutionGroup >> tab Operations, grid mode	"Proces"s, "AsPlanned", "ERPOrder", "ParentBatch","InitialQuality","IsUnderScheduling", "PBOPIdentID", "Plant", "Priority", "ProcessNId", "ProcessRevision", "ProcessUId", "PoC", "ReworkOfOrder"
----	----	<site_id>		OperationExecutionPropertySiteId			
----	----	"Process" OR "AsPlanned" OR "ERPOrder" OR "InitialQuantity" OR "IsUnderScheduling" OR "ParentBatch" OR "PoC" OR "Priority" OR "ProcessNId" OR "ProcessRevision" OR "ProcessUId" OR "ReworkOfOrder"		OperationExecutionPropertyKey			
----	----	"Process" OR "AsPlanned" OR "ERPOrder" OR "InitialQuantity" OR "IsUnderScheduling" OR "ParentBatch" OR "PoC" OR "Priority" OR "ProcessNId" OR "ProcessRevision" OR "ProcessUId" OR "ReworkOfOrder"		Name			
----	----	"String" OR "Numeric"		PropertyTypeId			
----	----	"n/a"		UomId			
' " '			**OperationExecutionPropertyStaticValue**		**Value for an attribute of a WorkOrder**	UI Work Orders, grid mode	"Proces"s, "AsPlanned", "ERPOrder", "ParentBatch","InitialQuality","IsUnderScheduling", "PBOPIdentID", "Plant", "Priority", "ProcessNId", "ProcessRevision", "ProcessUId", "PoC", "ReworkOfOrder"
----	----	<site_id>		OperationExecutionPropertyStaticValueSiteId			
UADM	vWorkOrder_Siemens_S_749389132	(Nid + '_' + 'Process') OR (Nid + '_' + 'AsPlanned') OR (Nid + '_' + 'ERPOrder') OR (Nid + '_' + 'InitialQuantity') OR (Nid + '_' + 'IsUnderScheduling') OR (Nid + '_' + 'ParentBatch') OR (Nid + '_' + 'PoC') OR (Nid + '_' + 'Priority') OR (Nid + '_' + 'ProcessNId') OR (Nid + '_' + 'ProcessRevision') OR (Nid + '_' + 'ProcessUId') OR (Nid + '_' + 'ReworkOfOrder')		OperationExecutionPropertyStaticValueKey			
----	----	<site_id>		OperationExecutionId			
UADM	vWorkOrder_Siemens_S_749389132	Nid					
UADM	vWorkOrder_Siemens_S_749389132	Process or AsPlanned or ReworkOfOrder or ERPOrder or ParentBatch or ProcessRevision or ProcessNId or ProcessUId		StringValue			
UADM	vWorkOrder_Siemens_S_749389132	InitialQuantity, IsUnderScheduling, [Priority], PoC		FloatValue			
			OperationExecutionStatus		**WorkOrder**	UI Work Orders	
----	----	<site_id>		OperationExecutionStatusSiteId			
UADM	vStatus_Siemens_Sim_2045546455	Nid		OperationExecutionStatusKey			
UADM	vStatus_Siemens_Sim_2045546455	Name		Name			
			OperationRequest		**WorkOrderOperation/WorkOrderStep**	UI Work Orders >> open a WorkOrder >> tab Operations UI Work Orders >> open a WorkOrder >> tab Operations >> tab Steps	
----	----	<site_id>		OperationRequestSiteId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id		OperationRequestKey			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Name OR Nid		Name			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762	Description		Description			
----	----	<site_id>		OperationDefinitionId			
UADM	vWorkOrderOperation_1431095118	Operation					
----	----	<site_id>		OperationSchedulingId			
UADM	vWorkOrderOperation_1431095118	WorkOrder_Id					
----	----	<site_id>		OperationRequestStatusId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	StatusNId.Status					
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	EstimatedStartTime		StartDateTime			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	EstimatedEndTime		EndDateTime			
UADM	vWorkOrderOperation_1431095118	TargetQuantity		EstimatedQuantity			

UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	EstimatedDuration		Duration			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Sequence		Sequence			
			OperationRequestClass		Type of WorkOrderOperation/WorkOrderStep		WorkOrderOperation OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"
----	----	<site_id>		OperationRequestClassSiteId			
----	----	WorkOrderOperation OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"		OperationRequestClassKey			
----	----	WorkOrderOperation OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"		Name			
----	----	<site_id>		OperationRequestHierarchySiteId			
UADM	vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id		OperationRequestHierarchyKey			
----	----	<site_id>		OperationRequestId			
UADM	vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id					
----	----	<site_id>		ParentOperationRequestId			
UADM	vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	ExecutionGroup_Id or WorkOrderOperation_Id					
			OperationRequestOperationRequestClass				
----	----	<site_id>		OperationRequestOperationRequestClassSiteId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id		OperationRequestOperationRequestClassKey			
----	----	<site_id>		OperationRequestId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id					
----	----	<site_id>		OperationRequestClassId			
----	----	WorkOrderOperation OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"					
			OperationRequestStatus		Status of WorkOrderOperation/WorkOrderStep		
----	----	<site_id>		OperationRequestStatusSiteId			
UADM	vStatus_Siemens_Sim_2045546455	Nid		OperationRequestStatusKey			
UADM	vStatus_Siemens_Sim_2045546455	Name		Name			
			OperationResponse		WorkOrderOperation/WorkOrderStep	UI Work Orders >> open a WorkOrder >> tab Operations UI Work Orders >> open a WorkOrder >> tab Operations >> tab Steps	
----	----	<site_id>		OperationResponseSiteId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id		OperationResponseKey			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Name OR Nid		Name			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Description		Description			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Sequence		Sequence			
----	----	<site_id>		OperationDefinitionId			
UADM	vWorkOrderOperation_1431095118	Operation					
----	----	<site_id>		OperationExecutionId			
UADM	vWorkOrderOperation_1431095118	Nid					
----	----	<site_id>		OperationResponseStatusId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	StatusNid.Status					
----	----	<site_id>		MaterialDefinitionId			
UADM	vMaterial_Siemens_Si_170253665	Id					
----	----	<site_id>		OperationRequestId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id					
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	ProducedQuantity		ProducedQuantity			
UADM	vWorkOrderOperation_1431095118	ReworkedQuantity		ReworkedQuantity			
UADM	vWorkOrderOperation_1431095118	ScrappedQuantity		ScrapQuantity			
UADM	vMaterial_Siemens_Si_170253665	UoMNId		UomId			
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	ActualStartTime		StartDateTime			
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	ActualEndTime		EndDateTime			

Type	View	Expression	Target	Entity	UI	Notes
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	ExecutionDuration	Duration			
			OperationResponseClass	**WorkOperationType**	UI Work Operations	
----	----	<site_id>	OperationResponseClassSiteId			
UADM	vWorkOperationType_Si_94474546	Id OR "WorkOrderOperation" OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"	OperationResponseClassKey			
UADM	vWorkOperationType_Si_94474546	NId OR "WorkOrderOperation" OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"	Name			
			OperationResponseEquipmentRequirement			
----		<site_id>	OperationResponseEquipmentRequirementSiteId			
UADM	vToBeUsedMachine_Sie_107405297	Id	OperationResponseEquipmentRequirementKey			
----		<site_id>	OperationResponseId			
UADM	vToBeUsedMachine_Sie_107405297	WorkOrderOperation_Id				
----		<site_id>	EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id				
----		1	Quantity			
			OperationResponseEquipmentSpecification	**ActualUsedMachine**	UI Work Orders >> select a WorkOrder >> button As Built >> tab Activity History You can also see them on UI Genealogy, in the tree representation, under each WorkOrderOperation node	
----		<site_id>	OperationResponseEquipmentSpecificationSiteId			
UADM	vActualUsedMachine__2012847191	Id	OperationResponseEquipmentSpecificationKey			
----		<site_id>	OperationResponseId			
UADM	vActualUsedMachine__2012847191	WorkOrderOperations_Id				
----		<site_id>	EquipmentId			
UADM	vEquipment_Siemens__2037264456	Id				
----	vWorkOrderOperation_1431095118	ActualStartTime	StartDateTime			
----	vWorkOrderOperation_1431095118	ActualEndTime	EndDateTime			
			OperationResponseHierarchy	**WorkOrderOperation/WorkOrderStep**	UI Work Orders >> tab Operations >> tab Steps	Hierarchical association between WorkOrderOperation and WorkOrderStep
----		<site_id>	OperationResponseHierarchySiteId			
UADM	vExecutionGroupPhase_469816675 or vExecutionGroupPhase_931440969 or vWorkOrderStep_Siem_1809795233	Id	OperationResponseHierarchyKey			
----		<site_id>	OperationResponseId			
UADM	vExecutionGroupPhase_469816675 or vExecutionGroupPhase_931440969 or vWorkOrderStep_Siem_1809795233	Id OR WorkOrderOperation_Id OR Id				
----		<site_id>	ParentOperationResponseId			
UADM	vExecutionGroupPhase_469816675 or vExecutionGroupPhase_931440969 or vWorkOrderStep_Siem_1809795233	ExecutionGroup_Id OR ExecutionGroupPhase_Id OR WorkOrderOperation_Id				
			OperationResponseLaborSpecification			
----		<site_id>	OperationResponseLaborSpecificationSiteId			
UADM	vWorkOrderHistory_Si_518515069	(UserId + '_' + WorkOrderOperation_Id + '_' + Date) OR (UserId + '_' + ExecutionGroupPhaseId + '_' + Date) OR (UserId + '_' + WorkOrderStep_Id + '_' + Date)	OperationResponseLaborSpecificationKey			
----		<site_id>	LaborId			
UADM	vWorkOrderHistory_Si_518515069	UserId				
----		<site_id>	OperationResponseId			
UADM	vWorkOrderHistory_Si_518515069	WorkOrderOperation_Id OR ExecutionGroupPhaseId OR WorkOrderStep_Id				
UADM	vWorkOrderHistory_Si_518515069	Date	StartDateTime			
UADM	vWorkOrderHistory_Si_518515069	Date	EndDateTime			
			OperationResponseMaterialDefinitionRequirementIn			
----		<site_id>	OperationResponseMaterialDefinitionRequirementInSiteId			
UADM	vToBeConsumedMateri_2105885214	id	OperationResponseMaterialDefinitionRequirementInKey			
----		<site_id>	OperationResponseId			
UADM	vToBeConsumedMateri_2105885214	WorkOrderOperation_Id OR WorkOrderStep_Id				
----		<site_id>	MaterialDefinitionId			
UADM	vMaterial_Siemens_Si_170253665	Id				
UADM	vToBeConsumedMateri_2105885214	Quantity	Quantity			
UADM	vMaterial_Siemens_Si_170253665	UoMNId	UomId			
			OperationResponseMaterialLotSpecificationIn	**ActualConsumedMaterial**	UI Work Orders >> select a WorkOrder >> button As Built >> tab Material. You can also see them on UI Genealogy, in the tree representation, under each WorkOrderOperation node	
----		<site_id>	OperationResponseMaterialLotSpecificationInSiteId			
UADM	vActualConsumedMater_420487820	(Id + '_WorkOrderOperation') OR (Id + '_WorkOrderStep')	OperationResponseMaterialLotSpecificationInKey			
----		<site_id>	OperationResponseId			
UADM	vActualConsumedMater_420487820	WorkOrderOperation_Id OR WorkOrderStep_Id				
----		<site_id>	MaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId				
UADM	vActualConsumedMater_420487820	MaterialItemAssembledQty	Quantity			

			Entity	Attribute	Description	UI	Values
			OperationResponseMaterialLotSpecificationOut		**ProducedMaterialItem**	UI Work Orders >> open a WorkOrder: BatchID property/tab Serial Numbers UI Genealogy	
----	----	<site_id>		OperationResponseMaterialLotSpecificationOutSiteId			
UADM	vActualConsumedMater_420487820	(Id +'_WorkOrderOperation') OR (Id + '_WorkOrderStep')		OperationResponseMaterialLotSpecificationOutKey			
----		<site_id>		OperationResponseId			
UADM	vActualConsumedMater_420487820	WorkOrderOperation_Id OR WorkOrderStep_Id					
----	----	<site_id>		MaterialLotId			
UADM	vMaterialTrackingUni_494706508	NId					
UADM	vActualConsumedMater_420487820	ProducedMaterialItemActualQty		Quantity			
			OperationResponseOperationResponseClass		**WorkOrderOperation**	UI Work Orders >> open a WorkOrder >> tab Operations	WorkOrderOperation-WorkOperationType association
----		<site_id>		OperationResponseOperationResponseClassSiteId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	((Id +'_WorkOperationType') OR (Id + '_WorkOrderOperation')) OR (Id +'_ExecutionGroup') OR (Id +'_ExecutionGroupPhase') OR (Id +' WorkOrderStep')		OperationResponseOperationResponseClassKey			
----		<site_id>		OperationResponseId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	Id					
----	----	<site_id>		OperationResponseClassId			
UADM	vWorkOrderOperation_1431095118 or vExecutionGroup_Siem_277554762 or vExecutionGroupPhase_469816675 or vWorkOrderStep_Siem_1809795233	((WorkOperationType) OR ("WorkOrderOperation")) OR "ExecutionGroup" OR "ExecutionGroupPhase" OR "WorkOrderStep"					
			OperationResponseProperty		**Attribute of a WorkOrderOperation**	UI Work Orders >> open a WorkOrder >> tab Operations	"ElectronicSignatureComplete" , "ElectronicSignaturePause" , "ElectronicSignatureStart" , "EstimatedDuration" , "IsReady" , "LastPauseTime" , "Optional" , "PauseDuration" , "ExecutionDuration" , "Priority" , "RequiredCertificateNId" , "RequiredInspectionRole" , "TargetQuantity" , "WaitingForInspection" , "ActiveNonConformanceNr"
----	----	<site_id>		OperationResponsePropertySiteId			
----	----	"AvailableQuantity" or "ElectronicSignatureComplete" or "ElectronicSignaturePause" or "ElectronicSignatureStart" or "IsReady" or "Skippable" or "LastPauseTime" or "Optional" or "PauseDuration" or "PartialWorkedQuantity" or "Priority" or "RequiredCertificateNId" or or "RequiredInspectionRole" "TargetQuantity" or "WaitingForInspection" or "ActiveNonConformanceNr"		OperationResponsePropertyKey			
----	----	"AvailableQuantity" or "ElectronicSignatureComplete" or "ElectronicSignaturePause" or "ElectronicSignatureStart" or "IsReady" or "Skippable" or "LastPauseTime" or "Optional" or "PauseDuration" or "PartialWorkedQuantity" or "Priority" or "RequiredCertificateNId" or or "RequiredInspectionRole" "TargetQuantity" or "WaitingForInspection" or "ActiveNonConformanceNr"		Name			
----	----	"Numeric" or "DateTime" or "String"		PropertyTypeId			
----	----	"n/a"		UomId			
			OperationResponsePropertyStaticValue		**Value for a WorkOrderOperation attribute**	UI Work Orders >> open a WorkOrder >> tab Operations, grid mode	"ElectronicSignatureComplete" , "ElectronicSignaturePause" , "ElectronicSignatureStart" , "EstimatedDuration" , "IsReady" , "LastPauseTime" , "Optional" , "PauseDuration" , "ExecutionDuration" , "Priority" , "RequiredCertificateNId" , "RequiredInspectionRole" , "TargetQuantity" , "WaitingForInspection" , "ActiveNonConformanceNr"
----	----	<site_id>		OperationResponsePropertyStaticValueSiteId			

UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	(Id +'_'+'AvailableQuantity') or (Id +'_'+'ElectronicSignatureComplete') or (Id +'_'+'ElectronicSignaturePause') or (Id +'_'+'ElectronicSignatureStart') or (Id +'_'+'IsReady') or (Id +'_'+'Skippable') or (Id +'_'+'LastPauseTime') or (Id +'_'+'Optional') or (Id +'_'+'PauseDuration') or (Id +'_'+'PartialWorkedQuantity') or (Id +'_'+'Priority') or (Id +'_'+'RequiredCertificateNId')or (Id +'_'+'RequiredInspectionRole') or (Id +'_'+'TargetQuantity') or (Id +'_'+'WaitingForInspection') or (Id +'_'+'ActiveNonConformanceNr')		OperationResponsePropertyStaticValueKey		
----	----	<site_id>		OperationResponseId		
SitmesDb	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	Id				
----	----	<site_id>		OperationResponsePropertyId		
----	----	"AvailableQuantity" or "ElectronicSignatureComplete" or "ElectronicSignaturePause" or "ElectronicSignatureStart" or "IsReady" or "Skippable" or "LastPauseTime" or "Optional" or "PauseDuration" or "PartialWorkedQuantity" or "Priority" or "RequiredCertificateNId" or or "RequiredInspectionRole" "TargetQuantity" or "WaitingForInspection" or "ActiveNonConformanceNr"				
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	RequiredCertificateNId, RequiredInspectionRole		StringValue		
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	ElectronicSignatureComplete, ElectronicSignaturePause, ElectronicSignatureStart, IsReady, Optional, PauseDuration, PartialWorkedQuantity, Priority, TargetQuantity, WaitingForInspection, ActiveNonConformanceNr, AvailableQuantity, Skippable		FloatValue		
UADM	vWorkOrderOperation_1431095118 or vWorkOrderStep_Siem_1809795233	LastPauseTime		DatetimeValue		
			OperationResponseStatus		Status attribute of WorkOrderOperation/WorkOrderStep	
----	----	<site_id>		OperationResponseStatusSiteId		
UADM	vStatus_Siemens_Sim_2045546455	NId		OperationResponseStatusKey		
UADM	vStatus_Siemens_Sim_2045546455	Name		Name		
			OperationResponseToolSpecification	ActualUsedTool	UI Work Orders >> select a WorkOrder >> button As Built >> tab Activity Tools You can also see them on UI Genealogy, in the tree representation, under each WorkOrderOperation node	
----	----	<site_id>		OperationResponseToolSpecificationSiteId		
UADM	vActualUsedTool_Sie_1932879556	(Id + 'WorkOrderOperation') OR (Id + 'WorkOrderStep')		OperationResponseToolSpecificationKey		
----	----	<site_id>		ToolId		
----	vActualUsedTool_Sie_1932879556	Tool_Id				
----	----	<site_id>		OperationResponseId		
UADM	----	WorkOrderOperation_Id OR WorkOrderStep_Id				
UADM	vActualUsedTool_Sie_1932879556	UsedTimes		Quantity		
			OperationScheduling	WorkOrder	UI Work Orders >> tab Details	
----	----	<site_id>		OperationSchedulingSiteId		
UADM	vWorkOrder_Siemens_S_749389132	Id		OperationSchedulingKey		
UADM	vWorkOrder_Siemens_S_749389132	Name OR NId		Name		
UADM	vWorkOrder_Siemens_S_749389132	Notes		Description		
----	----	<site_id>		EquipmentId		
UADM	vEquipment_Siemens__2037264456	Id				
----	----	<site_id>		MaterialDefinitionId		
UADM	vDM_Material_Siemens_463872986	Material_Id				
UADM	vWorkOrder_Siemens_S_749389132	StatusNId.Status		OperationSchedulingStatusId		
UADM	vWorkOrder_Siemens_S_749389132	EstimatedStartTime		StartDateTime		
UADM	vWorkOrder_Siemens_S_749389132	EstimatedEndTime		EndDateTime		
UADM	vWorkOrder_Siemens_S_749389132	InitialQuantity		EstimatedQuantity		
UADM	vWorkOrder_Siemens_S_749389132	EstimatedStartTime -EstimatedEndTime		Duration		
			OperationSchedulingClass	ExecutionGroup	UI Execution Groups >> tab Details	
----	----	<site_id>		OperationSchedulingClassSiteId		
UADM	vProductionType_Siem_763981173	Id + '_ProductionType'		OperationSchedulingClassKey		
UADM	vProductionType_Siem_763981173	NId		Name		
----	----	----		Description		
			OperationSchedulingOperationSchedulingClass	WorkOrder		WorkOrder-ExecutionGroup association

----	----	<site_id>			OperationSchedulingOperationSchedulingClassSiteId		
UADM	vWorkOrder_Siemens_S_749389132	Id			OperationSchedulingOperationSchedulingClassKey		
----	----	<site_id>			OperationSchedulingClassId		
UADM	vWorkOrder_Siemens_S_749389132	ProductionType_Id + '_ProductionType'					
----	----	<site_id>			OperationSchedulingId		
UADM	vWorkOrder_Siemens_S_749389132	Id					
				OperationSchedulingStatus		Status of WorkOrder	
UADM	vStatus_Siemens_Sim_2045546455	NId			OperationSchedulingStatusKey		
UADM	vStatus_Siemens_Sim_2045546455	Name			Name		
				ProductionProcess			
UADM	vProcess_Siemens_Si_2118577807	UId			ProductionProcessKey		
UADM	vProcess_Siemens_Si_2118577807	Name or null			Name		
----	vProcess_Siemens_Si_2118577807	Description			Description		
----	----	<site_id>			MaterialDefinitionId		
UADM	vDM_Material_Siemens_463872986	Material_Id					
UADM	vProcess_Siemens_Si_2118577807	QuantityValue.Quantity			Quantity		
UADM	vProcess_Siemens_Si_2118577807	UoMNId.Quantity			UomId		
				ProductionProcessOperationDefinition			
----	----	<site_id>			ProductionProcessOperationDefinitionSiteId		
UADM	vProcessToOperation_2065129030	Id			ProductionProcessOperationDefinitionKey		
----	----	<site_id>			OperationDefinitionId		
UADM	vOperation_Siemens_S_700803909	Id					
----	----	<site_id>			ProductionProcessId		
UADM	vProcess_Siemens_Si_2118577807	UId					
----	----		1		Quantity		
				PropertyType			
----	----	"String" or "Numeric" or "DateTime"			PropertyTypeKey		
----	----	"String" or "Numeric" or "DateTime"			Name		
				QualityLimit		UI DCD Engineering	
----	----	<site_id>			QualityLimitSiteId		
UADM	vWorkInstructionStep_626862590	Id			QualityLimitKey		
----	----	<site_id>			QualityParameterId		
UADM	vWorkInstructionStep_626862590	ItemNId					
UADM	vWorkInstructionStep_626862590	HighLimit			HighLimit		
UADM	vWorkInstructionStep_626862590	Target			Target		
UADM	vWorkInstructionStep_626862590	LowLimit			LowLimit		
				QualityParameter		UI DCD Engineering	
----	----	<site_id>			QualityParameterSiteId		
UADM	vWorkInstructionStepIt_1299831 or vRuntimeCharacteris_1195087565 or vVisualDetectedFailu_686437194	ItemNId OR Id OR FailureNId			QualityParameterKey		
UADM	vWorkInstructionStepIt_1299831 or vRuntimeCharacteris_1195087565 or vVisualDetectedFailu_686437194	Label OR Label OR FailureNId			Name		
UADM	vWorkInstructionStepIt_1299831 or vRuntimeCharacteris_1195087565 or vVisualDetectedFailu_686437194	Caption OR Label OR FailureNId			Description		
				QualityParameterValue		DCDRuntime	UI Operator Landing Page >> select a WorkOrderOperation >> Show Details >> tab Data Collection; UI Genealogy; UI Work Orders >> As Built >> tab Data Collections — Contains the values of data collection stored at runtime, e.g. data collection values acquired on a WorkOrderOperation, or from the automation gateway, etc
----	----	<site_id>			QualityParameterValueSiteId		
UADM	vWorkInstructionStepIt_1299831 or vInspectionValue_Siem_97476695 or vVisualDetectedFailu_686437194	Id			QualityParameterValueKey		
----	----	<site_id>			QualityResponseId		
UADM	vWorkInstructionSect_440022636 or vInspectionValue_Siem_97476695 or vVisualDetectedFailu_686437194	WorkInstruction_Id OR InspectionSample_Id OR InspectionSample_Id					
----	----	<site_id>			QualityParameterId		
UADM	vWorkInstructionStepIt_1299831 or vInspectionValue_Siem_97476695 or vVisualDetectedFailu_686437194	ItemNId OR Id OR FailureNId					
UADM	vWorkInstructionStepIt_1299831	(ItemValue OR null)			DatetimeValue		
UADM	vWorkInstructionStepIt_1299831 or vInspectionValue_Siem_97476695 or vVisualDetectedFailu_686437194	(ItemValue OR null) OR (MeasuredVariableValue OR MeasuredAttributeValuel) OR Count			FloatValue		
UADM	vWorkInstructionStepIt_1299831	(ItemValue OR null)			StringValue		
UADM	vWorkInstructionStepIt_1299831 or vInspectionValue_Siem_97476695 or vVisualDetectedFailu_686437194	LastValueUpdatedOn OR Timestamp OR Timestamp			StartDateTime		
				QualityResponse		DCDRuntimeTask	UI Operator Landing Page >> select a WorkOrderOperation >> Show Details >> tab Data Collection; UI Genealogy; UI Work Orders >> As Built >> tab Data Collections — Contains the association between the runtime data collection and the WorkOrderOperation / WorkOrderStep / K873MaterialItem, etc
----	----	<site_id>			QualityResponseSiteId		

Source	View	Field	Entity	Target	Description	UI	Values
UADM	vWorkInstruction_Si_1625357712 or vInspectionSample_S_1984849077	Id		QualityResponseKey			
UADM	vWorkInstruction_Si_1625357712 or vInspectionSample_S_1984849077	(Name OR NId) OR Id		Name			
UADM	vWorkInstruction_Si_1625357712	Description		Description			
----		<site_id>		LaborId			
UADM	vInspectionSample_S_1984849077	User					
----		<site_id>		QualityResponseStatusId			
UADM	vWorkInstruction_Si_1625357712	StatusNId.Status					
----	----	<site_id>		EquipmentId			
----	----	<site_id>		QualityTaskDefinitionId			
UADM	vWorkInstruction_Si_1625357712	WorkInstructionDefinitionNId + '_' + WorkInstructionDef_1609828362					
----		<site_id>		OperationResponseId			
UADM	vWorkInstructionToWo_350679847 or dbo.vWorkInstructionToWo_665152508 or vWorkInstructionToEx_538872687 or vToBeUsedInspection_861818088	(WorkOrderOperation_Id or workorderstep_id or executiongroupphase_id) OR (WorkOrderOperation_Id or workorderstep_id)					
			QualityResponseClass		**Type of DCDRuntimeTask**		
----	----	<site_id>		QualityResponseClassSiteId			
----	----	"WorkInstruction" OR "InspectionSample"		QualityResponseClassKey			
----	----	"WorkInstruction" OR "InspectionSample"		Name			"WorkInstruction" OR "InspectionSample"
			QualityResponseProperty		**DCDRuntimeTask property**		
----	----	<site_id>		QualityResponsePropertySiteId			
----	----	"AnyViolation"		QualityResponsePropertyKey			
----	----	AnyViolation		Name			
----	----	"n/a"		UomId			
----	----	"Numeric"		PropertyTypeId			
			QualityResponsePropertyStaticValue		**DCDRuntimeTask + DCDRuntime**	UI Operator Landing Page >> select a WorkOrderOperation >> Show Details >> tab Data Collection; UI Genealogy; UI Work Orders >> As Built >> tab Data Collections	
----	----	<site_id>		QualityResponsePropertyStaticValueSiteId			
UADM	vInspectionSample_S_1984849077	Id + '_AnyViolation'		QualityResponsePropertyStaticValueKey			
----	----	<site_id>		QualityResponseId			
UADM	vInspectionSample_S_1984849077	Id					
----	----	<site_id>		QualityResponsePropertyId			
----	----	"AnyViolation"					
UADM	vInspectionSample_S_1984849077	AnyViolation		FloatValue			
			QualityResponseQualityResponseClass		**Relationship between DCDRuntimeTask and its type**		
----	----	<site_id>		QualityResponseQualityResponseClassSiteId			
UADM	vWorkInstruction_Si_1625357712 or vInspectionSample_S_1984849077	Id + '_WorkInstruction' OR Id + '_InspectionSample'		QualityResponseQualityResponseClassKey			
----	----	<site_id>		QualityResponseId			
UADM	vWorkInstruction_Si_1625357712 or vInspectionSample_S_1984849077	Id					
----	----	<site_id>		QualityResponseClassId			
----	----	'WorkInstruction" OR "InspectionSample"					
			QualityResponseStatus		**DCDRuntimeTask status**		
----	----	<site_id>		QualityResponseStatusSiteId			
UADM	vStatus_Siemens_Sim_2045546455	NId		QualityResponseStatusKey			
UADM	vStatus_Siemens_Sim_2045546455	Name		Name			
			QualityTaskDefinition		**DCDTask**	UI DCD Engineering; UI Operation Catalog >> Operation Details >> tab Data collections; UI Work Orders >> Operations >> tab Data Collections	Defines a runtime data collection
----	----	<site_id>		QualityTaskDefinitionSiteId			
UADM	vWorkInstructionDefi_275522137	NId + '_' + Revision		QualityTaskDefinitionKey			
UADM	vWorkInstructionDefi_275522137	Name OR NId		Name			
UADM	vWorkInstructionDefi_275522137	Description		Description			
			QualityTaskDefinitionProperty		**DCDTask property**	UI DCD Engineering; UI Operation Catalog >> Operation Details >> tab Data collections; UI Work Orders >> Operations >> tab Data Collections	"Status" or "IsCurrent"
----	----	<site_id>		QualityTaskDefinitionPropertySiteId			
----	----	"IsExecutable" or "IsCurrent"		QualityTaskDefinitionPropertyKey			
----	----	"IsExecutable" or "IsCurrent"		Name			
----	----	"Numeric"		PropertyTypeId			
----	----	"n/a"		UomId			
			QualityTaskDefinitionPropertyStaticValue		**DCDTask property value**	UI DCD Engineering; UI Operation Catalog >> Operation Details >> tab Data collections; UI Work Orders >> Operations >> tab Data Collections	"Approved" or "Editing" or "Obsolete" or "Unknown"
----	----	<site_id>		QualityTaskDefinitionPropertyStaticValueSiteId			
UADM	vWorkInstructionDefi_275522137	NId + '_' + Revision		QualityTaskDefinitionPropertyStaticValueKey			
----	----	<site_id>		QualityTaskDefinitionId			
UADM	vWorkInstructionDefi_275522137	NId + '_' + Revision					
----	----	<site_id>		QualityTaskDefinitionPropertyId			
----	----	"IsExecutable" or "IsCurrent"					
----	----	IsExecutable or IsCurrent		FloatValue			

			Site				
----	----	----		SiteId			
----	----	----		TimeZoneId			
----	----	----		Name			
----	----	----		Description			
----	----	----		Longitude			
----	----	----		Latitude			
			TimeZone				
----	----	----		TimeZoneKey			
----	----	----		Name			
----	----	----		Description			
----	----	----		OffSet			
			TimeZoneDaylightTimeSaving				
----	----	----		TimeZoneDaylightTimeSavingKey			
----	----	----		TimeZoneId			
----	----	----		OffSet			
----	----	----		DateFrom			
----	----	----		DateTo			
			Tool		Tool	UI Tools	
----	----	<site_id>		ToolSiteId			
UADM	vTool_Siemens_Simat_1812587140	Id		ToolKey			
UADM	vTool_Siemens_Simat_1812587140	Name OR NId		Name			
UADM	vTool_Siemens_Simat_1812587140	Description		Description			
----	----	<site_id>		ToolDefinitionId			
UADM	vTool_Siemens_Simat_1812587140	ToolDefinition					
			ToolDefinition		ToolDefinition	UI Tool Definitions	
----	----	<site_id>		ToolDefinitionSiteId			
UADM	vToolDefinition_Sie_1485280720	Id		ToolDefinitionKey			
UADM	vToolDefinition_Sie_1485280720	Name OR NId		Name			
UADM	vToolDefinition_Sie_1485280720	Description		Description			
			ToolDefinitionPropertyStaticValue		Value for a ToolDefinition attribute	UI Tool Definitions, grid mode	"Revision", "Quantity"
----	----	<site_id>		ToolDefinitionPropertyStaticValueSiteId			
UADM	vToolDefinition_Sie_1485280720	(Id +'_'+'ExpirationDate') OR (Id +'_'+ 'UsageCounterMax') OR (Id +'_'+ 'UsageDurationMax') OR (Id +'_'+'Version') OR (Id +' ' + 'Consumable')		ToolDefinitionPropertyStaticValueKey			
----	----	<site_id>		ToolDefinitionId			
UADM	vToolDefinition_Sie_1485280720	Id					
----	----	<site_id>		ToolPropertyId			
----	----	"ExpirationDate" OR "UsageCounterMax" OR "UsageDurationMax" OR "Version" OR "Consumable"					
UADM	vToolDefinition_Sie_1485280720	Version		StringValue			
UADM	vToolDefinition_Sie_1485280720	UsageCounterMax OR UsageDurationMax OR Consumable		FloatValue			
UADM	vToolDefinition_Sie_1485280720	ExpirationDate		DatetimeValue			
			ToolProperty		Attribute of a Tool	UI Tools, grid mode	"Revision", "Quantity"
----	----	<site_id>		ToolPropertySiteId			
----	----	"ExpirationDate" OR "UsageCounter" OR "UsageCounterMax" OR "UsageDuration" OR "UsageDurationMax" OR "Version" OR "Consumable"		ToolPropertyKey			
----	----	"ExpirationDate" OR "UsageCounter" OR "UsageCounterMax" OR "UsageDuration" OR "UsageDurationMax" OR "Version" OR "Consumable"		Name			
----	----	"String" or "Numeric" OR "DateTime"		PropertyTypeId			
----	----	"n/a"		UomId			
			ToolPropertyStaticValue		Value for a Tool attribute	UI Tools, grid mode	"Revision", "Quantity"
----	----	<site_id>		ToolPropertyStaticValueSiteId			
UADM	vTool_Siemens_Simat_1812587140	(Id +'_'+'ExpirationDate') OR (Id +'_'+ 'UsageCounter') OR (Id +'_'+'UsageCounterMax') OR (Id +'_'+'UsageDuration') OR (Id +'_'+ 'UsageDurationMax')		ToolPropertyStaticValueKey			
----	----	<site_id>		ToolId			
UADM	vTool_Siemens_Simat_1812587140	Id					
----	----	<site_id>		ToolPropertyId			
----	----	"ExpirationDate" OR "UsageCounter" OR "UsageCounterMax" OR "UsageDuration" OR "UsageDurationMax"					
UADM	vTool_Siemens_Simat_1812587140	UsageCounter OR UsageCounterMax OR UsageDuration OR UsageDurationMax		FloatValue			
UADM	vTool_Siemens_Simat_1812587140	ExpirationDate		DatetimeValue			
			Uom				

UADM	vUoM_Siemens_Simati_1027974907	NId		UomKey			
UADM	vUoM_Siemens_Simati_1027974907	Name		Name			
UADM	vUoM_Siemens_Simati_1027974907	Description		Description			
----	----		1	UomSystemId			
----	----		1	UomCategoryId			