

Oracle
Primavera P6 EPPM
UN/CEFACT Import/Export Data Map Guide

Version 25
December 2025

Oracle Primavera P6 EPPM UN/CEFACT Import/Export Data Map Guide

Copyright © 1999, 2025, Oracle and/or its affiliates.

Primary Author: Oracle Corporation

Contents

About This Guide.....	5
Data Mappings During Export.....	5
CostScheduleReportDocument	5
ReportedHierarchicalStructure.....	6
Project Resources	8
Project Schedule Task.....	8
Relationships.....	12
Resource Assignment	12
Progress Monitored Contract (Project Level Data).....	14
Project Note	15

About This Guide

This guide details how data is mapped between P6 EPPM and UN/CEFACT format. Throughout this guide, the term P6 EPPM includes P6 Professional. Any content that applies to only one of these applications is labeled accordingly.

All users who want to exchange data between P6 EPPM and other systems using UN/CEFACT format should use this document.

Caution Personal information (PI) may be at risk of exposure. Depending on local data protection laws organizations may be responsible for mitigating any risk of exposure.

Data Mappings During Export

CostScheduleReportDocument

P6 EPPM Field	UN/CEFACT Field
Calculated	CreationDateTime
Calculated	SubmissionDateTime
To be entered in the template	Description
To be entered in the template	SecurityTypeCode
To be entered in the template	ScheduleTypeCode
To be entered in the template	EffectiveBasePeriod.BasePeriod.StartDate Time
To be entered in the template	EffectiveBasePeriod.BasePeriod.EndDate Time
To be entered in the template	OwnerProjectParty.ProjectParty.Name
To be entered in the template	OwnerProjectParty.ProjectParty.Specified ProjectOrganization.ProjectOrganization.B usinessTypeCode.
To be entered in the template	OwnerProjectParty.ProjectParty.Specified ProjectOrganization.ProjectOrganization.I

P6 EPPM Field	UN/CEFACT Field
	D
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization. ProjectOrganization.DesignatedProjectContact.ProjectContact.JobTitle.JobTitle
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization. ProjectOrganization.DesignatedProjectContact.ProjectContact.PersonName
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization. ProjectOrganization.DesignatedProjectContact.ProjectContact.TelephoneTelecommunicationCommunication
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization.ProjectOrganization.DesignatedProjectContact.ProjectContact.URInternetCommunication
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization.ProjectOrganization.ProjectLocation.PostalUnstructuredAddress
To be entered in the template	OwnerProjectParty.ProjectParty.SpecifiedProjectOrganization.ProjectOrganization.ProjectLocation.Name.

ReportedHierarchicalStructure

P6 EPPM Field	UN/CEFACT Field
WBSObjectId, OBSObjectId, or ActivityCodeObjectId	ID
WBS Name, OBC Name, or Activity Code Value	Description
WBS Name, OBS Description, or Activity	Description

P6 EPPM Field	UN/CEFACT Field
Code Description	
WBS, OBS	TypeCode
WBSObjectld, OBSObjectld, or ActivityCodeObjectld	ComponentReportingDataNode.ReportingDataNode.ID
WBSParentObjectld, OBSParentObjectld, or ActivityCodeParentObjectld	ComponentReportingDataNode.ReportingDataNode.ParentNotelD
Root WBSObjectld, OBSObjectld, or ActivityCodeObjectld	ComponentReportingDataNode.ReportingDataNode.ID
WBS Name, OBS Name, or Activity Code Value	ComponentReportingDataNode.ReportingDataNode.Name
WBS Code+Name, OBS Description, or Activity Code Description	ComponentReportingDataNode.ReportingDataNode.Description
Calculated	ComponentReportingDataNode.ReportingdataNode.HierarchicalLevelNumeric
WBS Sequence Number, OBS Sequence Number, Activity Code Sequence Number	ComponentReportingDataNode.ReportingDataNode.SequenceNumeric
WBSObjectld, OBSObjectld, or ActivityCodeObjectld	ComponentReprotingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.ID
WBSParentObjectld, OBSParentObjectld, or ActivityCodeParentObjectld	ComponentReportingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.ParentNo deld
Root WBSObjectld, OBSObjectld, or ActivityCodeObjectld	ComponentReportingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.DataStru cturedID
WBS Name, OBS Name, or Activity Code Value	ComponentReportingDataNode.ReportingDataNode, SubordinateReportingDataNode.Subordina teReportingDataNode.Name
WBS Code+Name OBS Description, Activity Code Description	ComponentReportingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.Descripti

P6 EPPM Field	UN/CEFACT Field
	on.
Calculated	ComponentReportingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.HierarchicalLevelNumeric
WBS Sequence Number, OBS Sequence Number, or Activity Code Sequence Number	ComponentReportingDataNode.ReportingDataNode.SubordinateReportingDataNode.SubordinateReportingDataNode.SequenceNumeric

Project Resources

P6 EPPM Field	UN/CEFACT Field
ObjectID	ID
Name	Name
Resource Type	CostCategoryCode
CalendarObjectID	ScheduleProjectScheduleCalendar.ProjectScheduleCalendar.ID

Project Schedule Task

P6 EPPM Field	UN/CEFACT Field
Name	Description
ObjectID	ID
WBS_+WBSObjectID	DataNodeID
ActivityID+Name	Description

P6 EPPM Field	UN/CEFACT Field
UDF/Code	RiskLevelDescription
Percent Complete	CalculatedCompletionPercent
Physical Percent Complete	AssessedCompletionPercent
UDF	PriorityRankingNumeric
UDF/Code	EarnedValueMethodCode
UDF	ScheduleLevelNumeric
Free Float	FreeFloatDurationMeasure
Total Float	TotalFloatDurationMeasure
UDF	MilestoneWeightNumeric
Activity Type	TypeCode
Actual Duration	TotalDurationMeasure
Remaining Duration	RemainingDurationMeasure
Is Critical	CriticalPathIndicator
UDF/Code	ControlAccountID
UDF/Code	ScheduleLevel
Planned Duration (P6 EPPM) Original or Planned Duration (P6 Professional)	OriginalDurationMeasure
Baseline Duration	BaselineDurationMeasure
Minimum Duration or UDF	BestCaseDurationMeasure
Most Likely Duration or UDF	MostLikelyDurationMeasure
Maximum Duration or UDF	WorstCaseDurationMeasure
Finish Date Variance	FinishVarianceDurationMeasure
Start Date Variance	StartVarianceDurationMeasure

P6 EPPM Field	UN/CEFACT Field
UDF/Code	WorkPackageID
TaskObjectID	SourceID
ProjectObjectID	ProjectID
UDF/Code	PlanningLevelCode
CalendarObjectID	ScheduleProjectScheduleCalendar.Project ScheduleCalendar.ID
Early Start Date, Late Start Date	CurrentScheduledBasePeriod.BasePeriod. StartDateTime
Early Finish Date, Late Finish Date	CurrentScheduledBasePeriod.BasePeriod. EndDateTime
Value ='early','late'	CurrentScheduledBasePeriod.BasePeriod. Description
Actual Start Date	ActualScheduledBasePeriod.BasePeriod. StartDateTime
Actual Finish Date	ActualScheduledBasePeriod.BasePeriod. EndDateTime
Planned Start Date	TargetScheduledBasePeriod.BasePeriod. StartDateTime
Planned Finish Date	TargetScheduledBasePeriod.BasePeriod. EndDateTime
Early Start Date, Late Start Date	ResourceScheduledBasePeriod.BasePeri od.StartDateTime
Early Finish Date, Late Finish Date	ResourceScheduledBasePeriod.BasePeri od.EndDateTime
Value ='early','late'	ResourceScheduledBasePeriod.BasePeri od.Description
UDF	BestCaseScheduledBasePeriod.BasePeri od.StartDateTime
UDF	BestCaseScheduledBasePeriod.BasePeri od.EndDateTime

P6 EPPM Field	UN/CEFACT Field
Value ='early','late'	BestCaseScheduledBasePeriod.BasePeriod.Description
UDF	MostLikelyScheduledBasePeriod.BasePeriod.StartDateTime
UDF	MostLikelyScheduledBasePeriod.BasePeriod.EndDateTime
Value ='early','late'	MostLikelyScheduledBasePeriod.BasePeriod.Description
UDF	WorstCaseScheduledBasePeriod.BasePeriod.StartDateTime
UDF	WorstCaseScheduledBasePeriod.BasePeriod.EndDateTime
Value ='early','late'	WorstCaseScheduledBasePeriod.BasePeriod.Description
Expected Finish Date	EstimatedScheduledBasePeriod.BasePeriod.EndDateTime
Baseline Start Date	BaselineScheduledBasePeriod.BasePeriod.StartDateTime
Baseline Finish Date	BaselineScheduledBasePeriod.BasePeriod.EndDateTime
Value ='early'	BaselineScheduledBasePeriod.BasePeriod.Description
Primary Constraint Date, Secondary Constraint Date	LimitingScheduleTaskTimingConstraint.ScheduleTaskTimingConstraint.LimitDateTime
Primary Constraint Type, Secondary Constraint Type	LimitingScheduleTaskTimingConstraint.ScheduleTaskTimingConstraint.TypeCode
Activity Notebook Topic	UserDefinedProjectNote.ProjectNote

Relationships

P6 EPPM Field	UN/CEFACT Field
ObjectId	ID
Lag	LagTimeMeasure
Successor Activity ObjectId	SuccessorSpecifiedProjectScheduleTask. ProjectScheduleTask.ID
Successor Project ObjectId	SuccessorSpecifiedProjectScheduleTask. ProjectScheduleTask.ProjectID
Activity ObjectId	SuccessorSpecifiedProjectScheduleTask. ProjectScheduleTask.SourceID
IsCritical	SuccessorSpecifiedProjectScheduleTask. ProjectScheduleTask.CriticalPathIndicator
Predecessor Activity ObjectId	PredecessorSpecificProjectScheduleTask. ProjectScheduleTask.ID
Predecessor Project ObjectId	PredecessorSpecificProjectScheduleTask. ProjectScheduleTask.ProjectID
Activity ObjectId	PredecessorSpecificProjectScheduleTask .ProjectScheduleTask.SourceID
Is Critical	PredecessorSpecificProjectScheduleTask .ProjectScheduleTask.CriticalPathIndicator
Type	TypeCode
CalendarObjectId of calendar assigned to successor.	LagTimeProjectScheduleCalendar.Project ScheduleCalendar.ID

Resource Assignment

P6 EPPM Field	UN/CEFACT Field
RA_+ActivityObjectId_+ResourceObjectId	ID

P6 EPPM Field	UN/CEFACT Field
+ACP/BCP/EST+_DC/HR/UN or RA + ActivityObjectId + RoleObjectId+ ACP/BCP/EST+_DC/HR/UN	
ACP/BCP/EST	CostManagementCode
ActualCost, BudgetedCost, RemainingCost	ResourceAmount
Value = 'FALSE'	DurationBasedIndicator
Actual Units, Budgeted Units, Remaining Units	HourResourceQuantity
Actual Units, Budgeted Units, Remaining Units for Material Resource	MaterialResourceQuantity
Planned lag	AllocatedProjectPeriod.ProjectPeriod.Durat ionMeasure
ResourceObjectId/RoleObjectId	AllocatedProjectResource.ID
Resource Name	AllocatedProjectResource.Name
Value = 'DC'/'HR'/'UN'	AllocatedProjectResourc.PlanMeasureTyp eCode
Resource Type	AllocatedProjectResourc.CostCategoryCod e
Actual Duration, Planned Duration, Remaining Duration	AllocatedProjectResourc.AvailabilityProject Period.DurationMeasure
Actual Start Date, Planned Start Date, Remaining Start Date	AllocatedProjectResourc.AvailabilityProject Period.StartDateTime
Actual Finish Date, Planned Finish Date, Remaining Finish Date	AllocatedProjectResourc.AvailabilityProject Period.EndDateTime
CalendarObjectId	ScheduleProjectScheduleCalendar.Project ScheduleCalendar.ID
ResourceCurveObjectId	AllocationResourceDistribution.ResourceDi stributionProfile.ID
Resource Curve Name	AllocationResourceDistribution.ResourceDi

P6 EPPM Field	UN/CEFACT Field
	distributionProfile.Name
Calculated (21 points)	AllocationResourceDistribution.ResourceDistributionProfile.SpecifiedResourceDistributionProfilePoint.ResourceDistributionProfilePoint.Name
Percentage value for each of the 21 points	AllocationResourceDistribution.ResourceDistributionProfile.SpecifiedResourceDistributionProfilePoint.ResourceDistributionProfilePoint.AllocationPercent

Progress Monitored Contract (Project Level Data)

P6 EPPM Field	UN/CEFACT Field
Project ID	ContainedProgressMonitoredProject.ProgressMonitoredProject.ID
Project Name	ContainedProgressMonitoredProject.ProgressMonitoredProject.Name
To be entered in the template	ContainedProgressMonitoredProject.ProgressMonitoredProject.Description
To be entered in the template	ContainedProgressMonitoredProject.ProgressMonitoredProject.ReportingPlanProjectPeriod.ProjectPeriod.StartDateTime
To be entered in the template	ContainedProgressMonitoredProject.ProgressMonitoredProject.ReportingPlanProjectPeriod..ProjectPeriod.EndDateTime
Planned Start Date	ContainedProgressMonitoredProject.ProgressMonitoredProject.EstimatedPlanProjectPeriod.ProjectPeriod.StartDateTime
Planned Finish Date	ContainedProgressMonitoredProject.ProgressMonitoredProject.EstimatedPlanProjectPeriod.ProjectPeriod.EndDateTime
Actual Start	ContainedProgressMonitoredProject.ProgressMonitoredP

P6 EPPM Field	UN/CEFACT Field
	project.ActualPlanProjectPeriod.ProjectPeriod.StartDateTi me
Actual Finish	ContainedProgressMonitoredProject.ProgressMonitoredP roject.ActualPlanProjectPeriod.ProjectPeriod.EndDateTi me
Baseline Start Date	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselinePlanProjectPeriod.ProjectPeriod.StartDate Time
Baseline Finish Date	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselinePlanProjectPeriod.ProjectPeriod.EndDate Time
CalendarObjectld	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.ID
Calendar Name	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.Name
Value = '1'	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.AssociatedProje ctWorkShift.ProjectWorkShift.ID
Calculated	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.AssociatedProje ctWorkShift.ProjectWorkShift.StartDayCode
Calculated	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.AssociatedProje ctWorkShift.ProjectWorkShift.WorkDayCode
Calculated	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.AssociatedProje ctWorkShift.ProjectWorkShift.EffectiveProjectPeriod.Proje ctPeriod.DurationMeasure
Holiday Or Exceptions	ContainedProgressMonitoredProject.ProgressMonitoredP roject.BaselineProjectScheduleCalendar.HolidayDate

Project Note

P6 EPPM Field	UN/CEFACT Field
Project Notebook Topic	ProjectNote