

**CEN**

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**WORKSHOP**

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**AGREEMENT**

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## Project Schedule and Cost Performance Management (PSCPM)

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The formal process followed by the Workshop in the development of this Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

The CEN/ISSS WS eBES EEG5 has produced this CWA on the Project Schedule and Cost Performance Management

The final approval round for this CWA was successfully closed on 20 August 2009 and therefore was officially approved on that day.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN: AENOR, AFNOR, ASRO, BDS, BSI, CSNI, CYS, DIN, DS, ELOT, EVS, IBN, IPQ, IST, LVS, LST, MSA, MSZT, NEN, NSAI, ON, PKN, SEE, SIS, SIST, SFS, SN, SNV, SUTN and UNI.

This document is primarily intended to be distributed/used in its electronic version. The main parts of this document have been uploaded on the CEN FTP server. The addresses of the files are given in the text. It has been done due to the fact that some of the diagrams are very detailed and their printed A4 version may be difficult to interpret. It is advisable to use the zoom functionalities to read the diagrams or, if necessary, to print them on wide format paper (e.g. A3).

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Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN Management Centre.

## Introduction

This project aims to standardize business processes and information entities of project schedule and cost performance management.

This bundle includes the official documentation describing the UN/CEFACT project schedule and cost performance management standard ebXML documents as approved in Core Component Library D07A.

As with all first generation standards, these are subject to corrections and improvements.

The last working version of the standard can be obtained by sending a request to UN/CEFACT TBG6 Chair at [bernard.longhi@blc-consultants.com](mailto:bernard.longhi@blc-consultants.com).

For certain documents under implementation process, a version has been created with relative references in the schemas to facilitate validation of the XML instances and work without Internet connection.

This project Schedule and Cost Performance Management ebXML Standard Project Specification contains 4 Sections:

- Project Schedule and Cost Performance Management Business Requirement Specification (BRS)
- Project Schedule and Cost Performance Management Requirements Specification Mapping (RSM)
- Project Schedule and Cost Performance Management XML Schemas

## 1 Scope

The scope of this document covers project schedule and cost performance management which is part of the contract management business domain. Project schedule and cost performance management data exchange occurs once a contract for a project has been approved, funded, and authorization to proceed has been given by a client. This data exchange continues throughout the life of the project until the project naturally concludes or it is cancelled.

The project schedule and cost performance management international standard focuses on exchanging the relevant data for the four main purposes listed below.

- Establishing the schedule and cost performance management baseline. The baseline is established as quickly as possible after contract award. This baseline provides the basis for measuring work performance over the life of the project.
- Providing schedule progress and cost performance data on a periodic basis (such as weekly or monthly) for the purpose of reporting the work progress in schedule and cost terms in comparison to the schedule and cost performance measurement baseline. This periodic schedule and cost information is used to determine if the project is ahead or behind schedule, or if the project is over or under running the cost plan (the budget). It can also be used to identify high risk or problem areas for the project and for planning future work based on project performance to date.
- Providing a means to incorporate changes to the schedule and cost baseline (contract changes) as well as other changes required to keep the current working schedule and future cost plan up to date.
- Capturing end of contract schedule and cost data. Historical project performance data can be used as a basis for estimating the schedule and cost of future projects.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this CWA. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this CWA are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

- UN/CEFACT Modeling Methodology (CEFACT/TMWF/N090R10, November 2001)
- UN/CEFACT – ebXML Core Components Technical Specification Version 2.01
- UN/CEFACT Business Requirements Specification Documentation Template Version1 Release 5
- UN/CEFACT TBG Library 2005-10-07
- UML Version 2.0
- EDIFACT PROTAP (Project Tasks Planning) and PROCST (Project Cost Reporting) messages
- ANSI X12 806 (Project Schedule Reporting) and 839 (Project Cost Reporting) transaction sets