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Code of PLM Openness (CPO) – Zuordnung von CPO Kriterien zu Bewertungskriterien

Code of PLM Openness (CPO) –
Mapping of CPO criteria to assessment criteria

Code of PLM Openness (CPO) –
Mapping des critères CPO aux critères d'acceptabilité

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Das vorliegende Dokument wurde nach den Verfahrensregeln einer PAS erstellt.

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Foreword

This DIN SPEC has been developed according to the PAS procedure. The development of a DIN SPEC according to the PAS procedure is carried out in workshops and does not require the participation of all stakeholders.

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At present there are no standards on this topic.

DIN SPECs are not part of the body of German Standards.

No draft of this DIN SPEC has been published.

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Introduction

With the initiation and development of the Code of PLM Openness (CPO), prostep ivip e.V. has created a unique approach to promoting openness in PLM solutions. The CPO links technical IT requirements with business requirements and goes far beyond the need to provide IT standards and relevant IT interfaces. It provides measurable criteria for interoperability, infrastructure, extensibility, interfaces, standards, architectures and partner relationships. The CPO is supported by many well-known companies and global players (<http://www.prostep.org/cpo/>).

To promote the dissemination of – and improve the quality of – the implementation of open PLM systems, prostep ivip e.V., with the support of the German Federal Ministry of Economics and Energy (BMWi), has developed a scheme for certifying interoperability on the basis of the CPO.

This document forms the basis for applying the openness requirements of DIN SPEC 91372-1 and the conformity assessment criteria laid down in DIN SPEC 91372-2. The aim of this DIN Specification is to bring greater transparency to the three parts of this series.

1 Scope

This DIN SPEC documents the unique mapping of the requirements of DIN SPEC 91372-1 to the criteria laid down in DIN SPEC 91372-2.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN SPEC 91372-1, *Code of PLM Openness (CPO) - Part 1: IT openness criteria*

DIN SPEC 91372-2, *Code of PLM Openness (CPO) – Part 2: Certification handbook*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in DIN SPEC 91372-1 and DIN SPEC 91372-2 apply.

4 Requirements

4.1 Overview

Table 1 — Mapping CPO criteria to evaluation (conformity assessment) criteria

			Control (A)	Input (B)		Mechanism (C)			Output (D)
Lever	Type	CPO criteria	Strategy ^a	Customer orientation ^b	Standards ^c	Employees ^d	Instructions ^e	Culture/Values ^f	Documents/Information ^g
Interoperability	SHALL	IT customers shall be able to realize system integration, on their own or via third parties, based on process requirements.	Confirmed and approved by management	Process for integrating third-party functions		Roles are defined and introduced		Employees are aware and knowledgeable	Licence agreements and contractual framework conditions
	SHALL	IT customers shall have access to their data. It shall be possible to exchange this data, including relations between the data, between IT systems.		Process for exporting data including all links					
	SHALL	IT interfaces shall be provided by the IT vendors.							
Infrastructure	SHALL	The IT customer and the IT vendor shall share lifecycle planning with regard to applied/supported hardware and operating systems.		Provision process for lifecycle plans					
	SHALL	Lifecycle plans may be subject to change, but because of the severe consequences (costs, long timeline) involved, deviations from these lifecycle plans shall be communicated as early as possible. This communication may be at least one year in advance.					Instructions on information and/or lifecycle planning		Lifecycle plan