CPO Statement of dSPACE

Following the prerequisites of ProSTEP iViP's Code of PLM Openness (CPO) IT vendors shall determine and provide a list of their relevant products and the degree of fulfillment as a "CPO Statement" (cf. CPO Chapter 2.8).

This CPO Statement refers to:

Product Name	**SYNECT**
Product Version	**1.5**
Contact	**Michael Beine**
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This CPO Statement was created and published by dSPACE in form of a self-assessment with regard to the CPO.

Publication Date of this CPO Statement: 12. May 2015

Content

1 Executive Summary

dSPACE is committed to openness.

Throughout the product portfolio and for many years dSPACE provides products that are open, e.g. provide complete and documented APIs, support relevant standards and integration into customer processes and tool chains.

Company Name:	dSPACE GmbH	Contact Person:	Jobst Richert
Product Name:	SYNECT		

CPO Term	Fulfilled (100%)	Comments because of deviations
2.1 Interoperability	☒	
2.2 Infrastructure	☒	Comments: Today, planned version and compatibility information is directly exchanged with SYNECT customers. Convergence Path: dSPACE publishes Version and Compatibility information at www.dspace.com/support. Compatibility information about SYNECT will also be made available here in the future.
2.3 Extensibility	☒	
2.4 Interfaces	☒	
2.5 Standards	☒	
2.6 Architecture	☒	
2.7 Partnership	☒	

List of inherent supported neutral standards	API: ☐C/C++ / ☐Java / ☒.NET / ☒Web Services / Others: ☒ Python 3D: ☐IGES / ☐JT / ☐STL / ☐STEP / ☐VRML / Others: Please provide, if desired DX: ☐eCl@ss / ☒FMI / ☐IDX / ☐PDF / ☒RIF/ReqIF / ☐STEP / ☐VEC Others: ASAM standards, such as CDFx, A2L, AUTOSAR ARXML

2 Details of Self-Assessment

The following chapters summarize the results of the CPO-related self-assessment of dSPACE with regard to SYNECT.

A detailed description of the dSPACE Self-Assessment is available from dSPACE upon request.

2.1 CPO Chapter 2.1: Interoperability

As SYNECT supports client-side the COM technology, any related language, such as C++, C#, VB, Python or even MATLAB can be used. The server-side Web service interface can be used by any appropriate programming language.

For a product and technology overview please refer to:

http://www.dspace.com/de/gmb/home/products/sw/datenmanagement/synect.cfm#

2.2 CPO Chapter 2.2: Infrastructure

Supported platforms (hardware and OS) are:

> dSPACE publishes Version and Compatibility information at www.dspace.com/support.

2.3 CPO Chapter 2.5: Standards

- Client side COM automation is supported. On a customer project base server side Web services can also be used.
- Support of OSLC is available on a customer base and tailored for the specific tool coupling.

Supported data exchange formats:

- SYNECT currently supports AUTOSAR 3.2 for signals and parameters.
- Support of ASAP 2 for signals and parameters is planned.
- Support of FMI standard for model exchange is available.
- SYNECT currently supports RIF for requirements exchange.
- Support of ReqIF is planned for requirements exchange.
- Support of ASAM CDFX is planned for parameter value exchange. Industry standard DCM for parameter value exchange is also available.

2.4 CPO Chapter 2.6: Architecture

The IT system's architecture is conforming CPO 2.6   Yes ☒ / No ☐

The system architecture and other belonging documentation is part of the regular product documentation. It covers all interfaces and system requirements of client, application server and database backend.

2.5 CPO Chapter 2.7: Partnership

2.5.1 Data Generated by Users

Data generated by IT users with an IT system is and remains the intellectual property of these IT users, according CPO 2.7.4   Yes ☒ / No ☐

2.5.2 Partnership Models

Partnership models are offered according CPO 2.7.7   Yes ☒ / No ☐

2.5.3 Support of User and Innovation Groups

Today no such SYNECT communities exist.

However, dSPACE is committed to support its users and will evaluate if and how to best support any user community in the future.

2.6 Additional Information

Detailed information regarding compliance with all individual CPO requirements is available from dSPACE upon request.