

CPO Statement of Siemens PLM Software

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	NX software
Product Version	12
Contact	Jonathon Rimmer cpo.contact.plm@siemens.com

This CPO Statement was created and published by Siemens PLM Software in form of a self-assessment with regard to the CPO.

Publication Date of this CPO Statement: 30 November 2017

Content

1 Executive Summary	2
2 Details of Self-Assessment	3
2.1 CPO Chapter 2.1: Interoperability	3
2.2 CPO Chapter 2.2: Infrastructure	3
2.3 CPO Chapter 2.5: Standards	3
2.4 CPO Chapter 2.6: Architecture	4
2.5 CPO Chapter 2.7: Partnership	4
2.5.1 Data Generated by Users	4
2.5.2 Partnership Models	4
2.5.3 Support of User and Innovation Groups	4
2.6 Additional Information	5

1 Executive Summary

max. 1.500 characters, including spaces

Company Name:	Siemens PLM Software	Contact Person:	Jonathon Rimmer
Product Name:	NX		
CPO Term	Fulfilled (100%)	Comments because of deviations	
2.1 Interoperability	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.2 Infrastructure	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.3 Extensibility	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.4 Interfaces	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.5 Standards	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.6 Architecture	<input checked="" type="checkbox"/>	See relevant section for detailed information	
2.7 Partnership	<input checked="" type="checkbox"/>	See relevant section for detailed information	
List of inherent supported neutral standards	API: <input checked="" type="checkbox"/> C/C++ / <input checked="" type="checkbox"/> Java / <input checked="" type="checkbox"/> .NET / <input type="checkbox"/> Web Services / Others: Please provide, if desired 3D: <input checked="" type="checkbox"/> IGES / <input checked="" type="checkbox"/> JT / <input checked="" type="checkbox"/> STL / <input checked="" type="checkbox"/> STEP / <input type="checkbox"/> VRML / Others: Please provide, if desired DX: <input type="checkbox"/> eCl@ss / <input type="checkbox"/> FMI / <input type="checkbox"/> IDX / <input type="checkbox"/> PDF / <input type="checkbox"/> ReqIF / <input type="checkbox"/> STEP / <input type="checkbox"/> VEC See relevant sections for further details and additional supported standards.		

2 Details of Self-Assessment

The following chapters summarize the results of the CPO-related self-assessment of Siemens PLM Software with regard to NX Software.

2.1 CPO Chapter 2.1: Interoperability

APIs have the following standard language bindings:

- C/C++
- Visual Basic
- C#
- Java
- Python

2.2 CPO Chapter 2.2: Infrastructure

Supported platforms (hardware and OS) are:

Minimum Certified Operating Systems:

- Microsoft Windows (64-bit)
 - Microsoft Windows 7, Windows 8 and 8.1, Windows 10
- Linux (64-bit)
 - SuSE 12
 - Red Hat 7
- Mac OS X
 - Version 10.11 or later

For detailed information about certified versions of Runtime/Buildtime OS, etc. that can be used with NX, please visit

http://www.plm.automation.siemens.com/en_us/support/gtac/certifications.shtml

2.3 CPO Chapter 2.5: Standards

Supported data exchange formats:

- Data exchange
 - JT
 - IGES
 - STL
 - STEP AP203, STEP AP214
 - DXF/DWG (R12, R13, R14, 2000, 2004–2013)
 - ACIS
 - CATIA V4, V5

- Drafting and geometric tolerance
 - ASME
 - DIN
 - ESKD
 - GB
 - ISO
 - JIS
 - Shipbuilding

2.4 CPO Chapter 2.6: Architecture

The IT system's architecture is conforming CPO 2.6

Yes / No

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

The Siemens PLM Solution Partner Program provides global customers with a variety of high-quality products, services and solutions relating to NX. For further information, please visit:

http://www.plm.automation.siemens.com/en_us/partners/index.shtml

2.5.3 Support of User and Innovation Groups

Supported groups are:

Siemens PLM Community

Discussion forums, knowledge bases and blogs that enable users to learn how to get the most out of their experience with NX, including:

- **NX Customization and Programming**
- NX Manufacturing Forum
- NX Design Forum
- NX Simulation Forum

Website: <http://community.plm.automation.siemens.com/>

PLM World

PLM World® is an independent, not-for-profit organization whose mission is to be the Voice of the User in providing an open forum for the exchange of ideas within the Siemens Product Lifecycle Management (PLM) Software product environment.

Website: <http://www.plmworld.org>

Steering groups

Siemens PLM Software participates in various steering groups to discuss and address industry challenges relating to NX, including Automotive Steering Group, [AIAG](#), [JAMA](#) and [JT Open](#).

2.6 Additional Information

NX gives you a wide range of programming and customization tools to help you extend and tailor NX software capabilities to your specific needs. With simple, rapid automation capabilities and expert programming utilities, these NX customization tools can be employed by product development personnel as well as application developers.

Website:

<https://www.plm.automation.siemens.com/global/en/products/nx/nx-for-design.html>