



CPO Statement of DFMPro

Date: 01-February-2018

CPO Statement of DFMPro

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

This CPO Statement refers to:

Product Name	DFMPro
Product Version	5.0
Contact	Yogiraj Dama Yogiraj.Dama@hcl.com

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

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1 Executive Summary

DFMPro is committed to implement the requirements and criteria formulated in the Code of PLM Openness. CPO is an initiative of the ProSTEP iViP association for establishing a common understanding on openness of IT systems in the context of PLM. DFMPro believes that open standards make life easier for users and developers alike, by promoting interoperability and efficiency.

DFMPro has, since 2007, offered proven and certified software products in the area of CAD/CAM, PDM and PLM interoperability. The principals of the “Code of PLM Openness” play an important part in our software architecture and in the development of our software products.

Company : HCL Technologies Ltd.	Contact Person : Yogiraj Dama	
Product Name:	DFMPro	
CPO Term	Fulfilled (100%)	Comments because of deviations
2.1 Interoperability	<input checked="" type="checkbox"/> Yes	
2.2 Infrastructure	<input checked="" type="checkbox"/> Yes	
2.3 Extensibility	<input checked="" type="checkbox"/> Yes	
2.4 Interfaces	<input checked="" type="checkbox"/> Yes	
2.5 Standards	<input checked="" type="checkbox"/> Yes	
2.6 Architecture	<input checked="" type="checkbox"/> Yes	
2.7 Partnership	<input checked="" type="checkbox"/> Yes	
List of inherent supported neutral standards	API: <input checked="" type="checkbox"/> C/C++ 3D: DFMPro for Creo Parametric: All file formats supported by PTC Creo Parametric application DFMPro for NX: All file formats supported by Siemens NX application DFMPro for SolidWorks: All file formats supported by SolidWorks application Geometric DFX : All the supported formats are mentioned in product help document DX: <input type="checkbox"/> eCI@ss / <input type="checkbox"/> FMI / <input type="checkbox"/> IDX / <input checked="" type="checkbox"/> PDF / <input type="checkbox"/> ReqIF / <input checked="" type="checkbox"/> STEP / <input type="checkbox"/> VEC Others: XML, JSON, CSV,IGES, Parasolid, Excel	

2 Details of Self-Assessment

The following chapters summarize the results of the CPO-related self-assessment of HCL’s Geometric Tech with regard to DFMPro®.

2.1 CPO Chapter 2.1: Interoperability

APIs have the following standard language bindings:

- Microsoft® C/C++ (Microsoft® C++ 11)

Details of our Product offerings can be found at: <http://www.dfmpro.com/>

2.2 CPO Chapter 2.2: Infrastructure

Supported platforms (hardware and Operating system) are:

Supported OS:

- 64-bit version of Windows 10
- 64-bit version of Windows 8.1
- 64-bit version of Windows 7 (SP1 or higher)

Supported Hardware:

- Windows® PCs
- RAM: 8 GB or more recommended

Note : Geometric DFX product is available on 32-bit platform

Details of our Product offerings can be found at: <http://www.dfmpro.com/>

2.3 CPO Chapter 2.5: Standards

Supported CAD formats:

- DFMPPro for Creo Parametric: 3D CAD* formats supported by Creo Parametric 4.0 version
- DFMPPro for NX : 3D CAD* formats supported by NX 11.0 version
- DFMPPro for SolidWorks: 3D CAD* formats supported by SOLIDWORKS 2018 version
- Geometric DFX : All major CAD file formats are supported along with IGES, Parasolid and step [Same is mentioned in Product help document]
- Import/Export/Report Standards: XML, JSON, CSV, Excel, PDF

Details of our Product offerings can be found at: <http://www.dfmpro.com/>

2.4 CPO Chapter 2.6 Architecture

The IT systems Architecture is conforming CPO 2.6

Yes / No

DFMPPro has a documented and defined interface architecture available as part of the product documentation.

We confirm the following statements:

- IT customers can write new components using exposed C++ interfaces/APIs to extend the product functionality.

Details of our Product offerings can be found at: <http://www.dfmpro.com/>

2.5 CPO Chapter 2.7 Partnership

2.5.1 Data Generated by User

Yes / No

Data generated by IT users with an IT system is and remains the intellectual property of these IT users, according CPO 2.7.4

2.5.2 Partnership Models

Partnership models are offered according CPO 2.7.7

Yes / No

Openness of an IT system exists between the IT vendor, the IT service provider and the IT customer. We are working across vendors to address customer requirements for their specific interdisciplinary and multi-system mapping of workflows. We were involved with other IT vendors & customers to support extensibility and integration of DFMPPro with other systems. HCL Technologies Ltd. is open to partnership & co-operation opportunities on DFMPPro.

2.5.3 Support of User and Innovation groups

HCL Technologies Ltd. supports user communities and other educational and industry institutes and is open to partnership & co-operation opportunities on DFMPPro. DFMPPro participates in various events to explore possibilities of helping users meet their requirements. DFMPPro has dedicated support function for continuous user support.

2.6 Additional Information

DFMPPro provides framework and C++ interfaces/API for product customization. DFMPPro also provides customization sample and training material to help IT customer to develop/extend the software. DFMPPro technology database is designed in such a way that user can customize as per their standards. This helps them leverage knowledge and maintain standard across organization.