

# PTC Creo® Integration FAQ

## SOLIDWORKS PDM



**3DEXPERIENCE®**

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# OVERVIEW

## 1. What is Dassault Systèmes SOLIDWORKS announcing?

Dassault Systèmes SOLIDWORKS is releasing a replacement of our Legacy Pro/E® Connector for SOLIDWORKS PDM. This new version is named PTC Creo® Integration for SOLIDWORKS PDM.

## 2. What are the advantages of this new PTC Creo® Integration?

This new integration has been developed using most recent technologies and is therefore more stable and offer better performance. It also supports newer versions of: SOLIDWORKS PDM, PTC Creo® and Operating Systems.

## 3. When will the PTC Creo® Integration be officially released?

The new version will go live on June 17<sup>th</sup>, 2019.

## 4. Where can I get access to the PTC Creo® Integration?

The PTC Creo® integration will not be available through the SOLIDWORKS Installation Manager and will only be shared through SOLIDWORKS VAR Resource Center (VRC). Please visit VRC >> Products >> Product Data Management >> SOLIDWORKS PDM >> PTC Creo Integration.

<https://www.solidworks.com/vrc/products/PTCCreoIntegration.html>

## 5. What is the positioning statement for this integration?

The PTC Creo® Integration is intended to be used for a short period while transitioning to SOLIDWORKS as the primary CAD tool. It may be used so that any customer can still make minor changes on legacy PTC Creo® models. However, it is not meant to be used as a solution for customers that will continue to use PTC Creo® as their main CAD tool.

## 6. What level of integration can we expect?

When transitioning from PTC Windchill® or any other PLM system, customers should not expect the same level of integration. The PTC Creo® Integration has been designed so that basic SOLIDWORKS PDM functionalities are also available when working on PTC Creo® files (Check in/out, versions control, workflow, property mappings...). However, this integration is not as advanced as our SOLIDWORKS CAD integration which also offers much greater data management functionalities.

## 7. Is this Creo® Integration free of charge?

Yes, the PTC Creo® Integration itself is free of charge. However, it requires a SOLIDWORKS PDM Professional CAD Editor license (or a universal license type (PSL)). It also requires a PTC Creo® API Toolkit (see following question for details).

## 8. Is there any API license requirement?

Yes, PTC requires that any customer who implements a tool that relies on PTC Creo® API own a PTC Creo® API Toolkit license. Such license is required to sign the binaries that are meant to be used on production (note that such license is not required for testing and is only mandatory when running the integration on the production environment). In order to purchase this PTC Creo® API Toolkit license, the customer should contact their PTC reseller. More details about PTC Creo® API Toolkit can be found on the VAR Resource Center: VRC >> Products >> Product Data Management >> SOLIDWORKS PDM >> PTC Creo Integration.

<https://www.solidworks.com/vrc/products/PTCCreoIntegration.html>

## 9. Is this Integration available for SOLIDWORKS PDM STANDARD customers?

No. This integration relies on SOLIDWORKS PDM APIs that are only available using SOLIDWORKS PDM Professional. Furthermore, even though SOLIDWORKS PDM Contributor licenses may work in some circumstances, ONLY CAD Editor licenses (or a universal license type (PSL)) are officially supported.

## 10. What versions of SOLIDWORKS PDM are supported?

The PTC Creo® Integration supports the current version of SOLIDWORKS PDM plus SP5 of the prior major version.

## 11. What versions of PTC Creo® are supported?

The PTC Creo® Integration shall support the last three versions of PTC Creo® with the exception of the first release that will support the last four versions of PTC Creo®:

- PTC Creo® 2.
- PTC Creo® 3.
- PTC Creo® 4.
- PTC Creo® 5.

Moving forward, the intention is to support the latest version of PTC Creo® within 12 months after it has been released.

## 12. How can customers receive support for this new integration?

The support process is the same as process for SOLIDWORKS PDM. The customer must first contact their Value-Added Reseller. Second-level support is provided to VARs by SOLIDWORKS Technical Support through Service Request. See next question for details.

## 13. How can Value-Added Resellers receive support for this new integration?

The SOLIDWORKS Technical Support team provides assistance to Value-Added Resellers for the PTC Creo® Integration. To engage the support team at SOLIDWORKS, Value-Added Resellers should submit "Data Management" type Service Requests via the VRC. SOLIDWORKS Technical Support does not provide support for the PTC Creo® API Toolkit. For further information, visit [https://www.solidworks.com/vrc/Services/service\\_requests.html](https://www.solidworks.com/vrc/Services/service_requests.html)

## 14. How often will new versions be made available?

New versions will be published to the SOLIDWORKS VAR Resource Center a few days after a new SOLIDWORKS Service Pack (SP) has been released. Consequently, moving forward, there will be 5 Service Pack created with any given major version (e.g. 2019 SP0, 2019 SP1, 2019 SP2, 2019 SP3, 2019 SP4, 2019 SP5).

## 15. Is there any matrix that lists the compatibility of PTC Creo® working with SOLIDWORKS PDM?

Yes. Such matrix is available on the VRC and will be updated regularly. Please visit SOLIDWORKS VAR Resource Center (VRC) using the following path for any Data Migration question: VRC >> Products >> Product Data Management >> SOLIDWORKS PDM >> Multi-CAD Support Matrix.pdf

<https://www.solidworks.com/vrc/products/PTCCreoIntegration.html>

## **16. What is the migration strategy for companies that are transitioning to SOLIDWORKS PDM to manage PTC Creo® files?**

The PTC Creo® Integration has been designed to manage files stored in the PDM vault. However, bulk loading PTC Creo® data to SOLIDWORKS PDM is not in the scope of this product. Dassault Systèmes SOLIDWORKS offers tools such as the XML Import tool that can be leveraged to move data to SOLIDWORKS PDM. For more information, please visit SOLIDWORKS VAR Resource Center (VRC) using the following path for any Data Migration question: VRC >> Products >> Product Data Management >> SOLIDWORKS PDM >> Data Migration.

## **17. Is a migration required for customers that have been using the legacy Pro/E® connector?**

No. The new PTC Creo® Integration can manage data that have been stored to the SOLIDWORKS PDM vault through the legacy PTC Pro/E® connector. Consequently, there is no migration requirement while switching to the new PTC Creo® Integration.

## **18. Does SOLIDWORKS recommend any partner to assist in a migration to SOLIDWORKS PDM for PTC Creo® customers?**

Should you need partner assistance with implementing the PTC Creo® Integration, you can find list of SOLIDWORKS Certified Service Partners at:

<https://www.solidworks.com/partners/service-partners>.

For any additional questions on Service Partners, please contact [field.services@3ds.com](mailto:field.services@3ds.com).

## **19. Does PTC Creo® have to be installed on all machines where the PTC Creo® Integration will be used?**

Yes. The PTC Creo® Integration requires PTC Creo® to be installed on the local machine in order to access its APIs.

## **20. What kind of performance should be expected?**

In contrast to SOLIDWORKS, PTC Creo® does not offer any solution to access PTC Creo® files outside of the CAD application itself. Consequently, any operation that requires read/write operations at the file level requires PTC Creo® to be launched and the file being loaded. Because of this PTC Creo® restriction, it is expected that any SOLIDWORKS PDM operations on those files will be slower.

## **21. What document could be useful to get started with this new Integration?**

The PTC Creo® Integration comes with Installation and User guides. Both documents can be used to understand the basic of this new product. Both of those documents also include Best Practice sections. A PowerPoint presentation is also available on the VAR Resource Center (VRC). It contains a general overview of the product.

<https://www.solidworks.com/vrc/products/PTCCreoIntegration.html>