Windchill 9.1 M050

CAD Integrations and InterComm Client Product Compatibility

Application Versions and Platforms Supported with Windchill Solutions

Introduction

This matrix represents the combinations of CAD systems, platforms, and operating systems, tested and verified by PTC in terms of interoperability with Windchill. These recommended product combinations are based on compatibility, testing, performance, and reliability. Other software combinations not shown here may perform properly, but are not qualified through PTC's testing and validation process, and so cannot be considered supported by PTC.

In the matrix below, information in *gray italics* represents future plans and is subject to change without notice.

The information in this matrix is relevant only to the Windchill 9.1 suite of CAD integrations. For information about CAD integration support with other Windchill versions, go to the following URL:

Windchill 7.0 and 8.0 CAD and Visualization Support
Windchill 9.0 CAD and Visualization Support

Also, this matrix does not cover Pro/ENGINEER and ProductView interoperability with Windchill. For details of Pro/ENGINEER interoperability, go to the following URL:

Pro/ENGINEER Workgroup Manager Product Compatibility Matrix

For details of ProductView interoperability, go to the following URL:

ProductView Adapters 9.1 M020 document

Notes

The following notes are applicable to specific CAD systems or versions and will be called out in the matrix where applicable:

(1) WGM support for I-deas is not available for Windchill 9.0. The product is rewritten as a "Gateway" product in Windchill 9.1 M020 release entitled "Windchill® Gateway for I-deas® TDM". This product allows I-deas data to be published from I-deas / TDM into Windchill PDMLink.

(2) It is a prerequisite for the customer to have a license of the Unigraphics Open Execute Toolkit for the Windchill Workgroup Manager for UGS NX 3.

(3) It is a prerequisite for the customer to have the CATIA CAA RADE (Toolkit) (Part Number 5691 CDV CAA C++ Base Dev. Configuration) for the Windchill Workgroup Manager for CATIA V5. More details on this configuration of the CAA RADE Toolkit can be found at the following link - http://www-306.ibm.com/software/applications/plm/caa/configs/cdv/

(4) Windchill WGM for SolidWorks, NX, AutoCAD, and Autodesk Inventor will be supported on the Windows *XP 64* bit platform from Windchill 9.1 M010.
Windchill WGM for SolidWorks, NX, AutoCAD, and Autodesk Inventor will be supported on the Windows *Vista 64* bit platform from Windchill 9.1 M020.
Windchill WGM for SolidWorks, NX, AutoCAD, and Autodesk Inventor will be supported on the Windows *Vista 32* bit platform from Windchill 9.1 M040. Windchill WGM for CATIA V5 is supported on Windows *Vista 64* bit platform starting from Windchill 9.1 M030.
ProductView adapter support for these platforms will not necessarily be available in the same release – see link to ProductView Adapters matrix under Introduction section above.

(5) Starting with UGS NX4, Windchill Workgroup Manager for NX does not require a license of the UG/Open Execute Toolkit.

(6) CATIA V5 R16 and R17 CAA RADE (CATIA V5 Toolkit) requires the use of Microsoft .NET 2002 with Service Pack 1 to build the Windchill Workgroup Manager for CATIA V5 abstraction library on the Windows platform. It is highly recommended that customers only build the abstraction (CATIA V5 libraries) on a machine with just Microsoft .NET 2002 installed.

(7) The WGM will support AutoCAD Mechanical & Electrical versions from F000 & M010 respectively - as specified in the matrix. AutoCAD Electrical and Mechanical will be supported with the same level of functionality as AutoCAD standard – i.e. the WGM does not support any functionality specific to the Mechanical or Electrical versions at this time. Other flavors of AutoCAD, such as Lite, Architectural, Civil Design etc. are not supported. AutoCAD Electrical and Mechanical versions are not supported by ProductView.

(8) Windchill WGM for ECAD supports Java Runtime Environment (JRE) version 1.6.0_04 or higher in the 1.6.0 series, such as 1.6.0_xx.

(9) The Windchill Visualization Service will not support publishing of Optegra Gateway viewables until 9.1 M020.

(10) Windchill WGM for CADDS 5 is supported on the Windows *Vista 64* bit platform from Windchill 9.1 M030.
Windchill WGM for CADDS 5 is supported on the Windows *Vista 32* bit platform from Windchill 9.1 M040.

11) With Windchill 9.1 M020, the WGM for CoCreate Drafting will be compatible with a *beta release* of CoCreate Drafting 2008 (16.50). Starting with 9.1 M030, the WGM for CoCreate Drafting will be compatible with the *official release* of CoCreate Drafting 2008 (16.50).

12) Windchill WGM for CoCreate Drafting, SolidWorks, AutoCAD, and Autodesk Inventor will be supported on *Windows 7 (32 and 64 bit)* bit platform starting from Windchill 9.1 M060.

13) With Windchill 9.1 M050, the WGM for CoCreate Drafting will be compatible with a *beta release 3* of CoCreate Drafting 17. Once CoCreate Drafting 17 F000 releases, it will be post certified with 9.1 M050.

Windchill 9.1 M050 CAD Integration Matrix

For details of ProductView interoperability, see URL: **ProductView Adapters 9.1 M050 document**

(Workgroup Managers, Gateways, and InterComm Client Product Compatibility)

W = Workgroup Manager (WGM) supported; **C** = Client side viewable generation supported; **G** = Gateway supported;
I = InterComm Client (Read) supported; **-** = Not supported (language support not relevant to PV Adap)

Application	F000	M010	M020	M030	M040	M050	M060	English	French	German	Italian	Spanish	Japanese	Korean	Simplified Chinese	Traditional Chinese	Windows 7 (64 bit)	Windows 7 (32 bit)	Windows Vista (32 bit)	Windows Vista (64 bit)	Win XP Pro (32 bit)	Win XP Pro (64 bit)	Solaris 8 (SPARC)	Solaris 9 (SPARC)	Solaris 10 (SPARC)	Solaris 10 (x64)	HP-UX 11i V1	AIX 5.2	AIX 5.3
AutoCAD 2007 [8][7]	WC	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	-	-	-	-	-	-	-
AutoCAD 2008 [4][7]	WC	WC	WC	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	-	-	-	-	-	-	-
AutoCAD Mechanical 2008 [4][7]	WC	WC	WC	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	-	-	-	-	-	-	-
AutoCAD Electrical 2008 [4][7]	-	WC	WC	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	-	-	-	-	-	-	-
AutoCAD 2009 [4][7]	-	WC	WC	WC	WC	WC		X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Mechanical 2009 [4][7]	-	WC	WC	WC	WC	WC		X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Electrical 2009 [4][7]	-	WC	WC	WC	WC	WC		X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
AutoCAD 2010 [7][12]	-	-	-	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Mechanical 2010 [7][12]	-	-	-	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Electrical 2010 [7][12]	-	-	-	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
AutoCAD 2011 [7][12]	-	-	-	-	-	-	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Mechanical 2011 [7][12]	-	-	-	-	-	-	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
AutoCAD Electrical 2011 [7][12]	-	-	-	-	-	-	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
Autodesk Inventor 11 [7]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Autodesk Inventor 2008 [4][7]	W	W	W	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
Autodesk Inventor 2009 [4][7]	W	W	W	W	W	W		X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
Autodesk Inventor 2010 [4][7][12]	-	-	-	W	W	W	*W*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
Autodesk Inventor 2011 [4][7][12]	-	-	-	-	-	-	*W*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
CADDS 5 R15 [10]	-	-	W M050+	W M050+	W M060+	W M070+	-	X	X	X	-	-	X	-	X	-	-	-	X	X	X	X	-	-	X	X	-	-	-
CADDS 5 R16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Optegra Gateway connection to Optegra R15 Vault Server [9]	R15 F000+	R15 F000+	R15 F000+	R15 M050+	R15 M060+	R15 M065+	*Yes*	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	X	X	X
Optegra Gateway connection to Optegra **R16** Vault Server	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATIA V4.2.5	-	-	-	W	W	W	*W*	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X
CATIA V5 R16 [4][3][7][6]	W	W	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	X	X	-
CATIA V5 R17 SP8 [4][3][7][6]	W	W	W	W	W	W	*W*	X	X	X	-	-	X	X	X	-	-	-	-	X	X	X	X	X	-	-	X	X	-
CATIA V5 R18 SP8 [4][3][7]	W	W	W	W	W	W	*W*	X	X	X	-	-	X	X	X	-	-	-	-	X	X	X	X	X	-	-	X	X	-
CATIA V5 R19 SP5 [4][3][7]	-	-	W	W	W	W	*W*	X	X	X	-	-	X	X	X	-	-	-	-	X	X	X	X	X	-	-	X	X	-
CATIA V5 R20 [4][3][7]	-	-	-	-	-	-	-	-	X	X	-	-	X	X	X	-	-	-	-	X	X	-	X	X	-	-	X	X	-

Windchill 9.1 M050 CAD Integration Matrix

For details of ProductView interoperability, see URL: **ProductView Adapters 9.1 M050 document**

(Workgroup Managers, Gateways, and InterComm Client Product Compatibility)

W = Workgroup Manager (WGM) supported; **C** = Client side viewable generation supported; **G** = Gateway supported;
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Application	F000	M010	M020	M030	M040	M050	M060	English	French	German	Italian	Spanish	Japanese	Korean	Simplified Chinese	Traditional Chinese	Windows 7 (64 bit)	Windows 7 (32 bit)	Windows Vista (32 bit)	Windows Vista (64 bit)	Win XP Pro (32 bit)	Win XP Pro (64 bit)	Solaris 8 (SPARC)	Solaris 9 (SPARC)	Solaris 10 (SPARC)	Solaris 10 (x64)	HP-UX 11i V1	AIX 5.2	AIX 5.3
SolidWorks 2007 [4]	WC	WC	-	-	-	-	-	X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
SolidWorks 2008 [4]	WC	WC	WC	WC	WC	-	-	X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
SolidWorks 2009 [4]	-	-	WC	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	X	-	-	X	X	X	X	-	-	-	-	-	-	-
SolidWorks 2010 [4][12]	-	-	-	-	-	WC	*WC*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
I-deas NX (I-deas 12) [1]	-	-	G	G	G	G	*G*	X	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-
I-deas NX5 (I-deas 13) [1]	-	-	G	G	G	G	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-
I-deas NX6.1 (I-deas 15) [1]	-	-	-	-	-	-	*G*	X	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-
UGS NX4 [5]	WC	-	-	-	-	-	-	X	X	X	X	X	X	X	X	-	-	-	X	-	X	-	-	-	X	-	X	-	-
UGS NX5 [4] [5]	WC	WC	WC	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	-	-	X	-	X	-	-
UGS NX6 [4] [5]	-	WC	WC	WC	WC	WC	*WC*	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	-	-	-	-	-	-	-
UGS NX7 [4] [5]	-	-	-	-	-	WC	*WC*	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	-	-	-	-	-	-	-
CoCreate Drafting 2008 (16.50) [11]	-	-	W	W	W	W	*W*	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
CoCreate Drafting 17 [13]	-	-	-	-	-	W	*W*	X	X	X	X	X	X	-	-	-													
Mathcad 14 M030	-	-	-	WC	-	-	-	X	X	X	X	X	X	X	X	X	-	-	X	X	X	X							
Mathcad 14 M035	-	-	-	WC	WC	WC		X	X	X	X	X	X	X	X	X	-	-	X	X	X	X							
Mathcad Prime 1.0	-	-	-	-	WC	WC		*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*-*	*-*	*X*	*X*	*X*	*X*							
Cadence Allegro Design Entry HDL 16.01 [8]	WCI	WCI	WCI	WCI	WCI	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro PCB 16.01 [8]	WCI	WCI	WCI	WCI	WCI	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro Design Entry HDL 16.2 [8]	-	-	-	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro PCB 16.2 [8]	-	-	-	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro Design Entry HDL 16.3 [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro PCB 16.3 [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro Design Entry CIS 15.7 (OrCAD) [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro Design Entry CIS 16.2 (OrCAD) [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Cadence Allegro Design Entry CIS 16.3 (OrCAD) [8]	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-
Mentor Graphics Design Architect/ Board Station BSTN2006 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	-

9 April 2010

Windchill 9.1 M050 CAD Integration Matrix

For details of ProductView interoperability, see URL: **ProductView Adapters 9.1 M050 document**

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Mentor Graphics Design Architect/ Board Station BSXE2007 [8]	-	-	-	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	X	-	-	-
Mentor Graphics Design Capture 2005 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Mentor Graphics Design Capture 2007.3 [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Mentor Graphics Expedition PCB 2005.5 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Mentor Graphics Expedition PCB 2007.7 [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Mentor Graphics DxDesigner 2005 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Mentor Graphics DxDesigner 2007 [8]	-	-	-	-	-	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-
Routed Systems Designer 8.0 M010 [8]	-	-	-	-	WC	WC	-	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X	-	-	-	-
Routed Systems Designer 8.0 M020 [8]	-	-	-	-	WC	WC	*WC*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X	-	-	-	-
Routed Systems Designer 9.0 F000 [8]	-	-	-	-	-	-	*WC*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 System Designer 10.0 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 Board Designer 10.0 [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 System Designer 11.0 [8]	-	-	-	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 Board Designer 11.0 [8]	-	-	-	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 System Designer 12.0 [8]	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
Zuken CR5000 Board Designer 12.0 [8]	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
ECAD Neutral Schematic Formats: .EDx (EDIF), .IFF [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X	-	-	-	-
ECAD Neutral PCB Formats: .DSN/.CCT (Specctra), .ASC (PADS ASCII), .PAF (Cadif), .CAD (GenCAD), .tgz (ODB++) [8]	WCI	WCI	WCI	WCI	WCI	WCI	*WCI*	X	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X	-	-	-	-

Language Support | **Platform Support**

InterComm Products — For information on InterComm Products and their compatibility with Windchill and the Windchill Workgroup Manager for

Windchill 9.1 M050 CAD Integration Matrix

For details of ProductView interoperability, see URL: ProductView Adapters 9.1 M050 document

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								English	French	German	Italian	Spanish	Japanese	Korean	Simplified Chinese	Traditional Chinese	Windows 7 (64 bit)	Windows 7 (32 bit)	Windows Vista (32 bit)	Windows Vista (64 bit)	Win XP Pro (32 bit)	Win XP Pro (64 bit)	Solaris 8 (SPARC)	Solaris 9 (SPARC)	Solaris 10 (SPARC)	Solaris 10 (x64)	HP-UX 11i V1	AIX 5.2	AIX 5.3
InterComm Products							http://www.ptc.com/view?im_dbkey=32896.																						