

Acquiring and Configuring InterComm™ Products

September 1, 2006

Copyright © 2006 Parametric Technology Corporation. All Rights Reserved.

User and training documentation from Parametric Technology Corporation and its subsidiary companies (PTC) is subject to the copyright laws of the United States and other countries and is provided under a license agreement that restricts copying, disclosure, and use of such documentation. PTC hereby grants to the licensed user the right to make copies in printed form of this documentation if provided on software media, but only for internal/personal use and in accordance with the license agreement under which the applicable software is licensed. Any copy made shall include the PTC copyright notice and any other proprietary notice provided by PTC. This documentation may not be disclosed, transferred, modified, or reduced to any form, including electronic media, or transmitted or made publicly available by any means without the prior written consent of PTC and no authorization is granted to make copies for such purposes.

Information described herein is furnished for general information only, is subject to change without notice, and should not be construed as a warranty or commitment by PTC. PTC assumes no responsibility or liability for any errors or inaccuracies that may appear in this document.

The software described in this document is provided under written license agreement, contains valuable trade secrets and proprietary information, and is protected by the copyright laws of the United States and other countries. It may not be copied or distributed in any form or medium, disclosed to third parties, or used in any manner not provided for in the software licenses agreement except with written prior approval from PTC. UNAUTHORIZED USE OF SOFTWARE OR ITS DOCUMENTATION CAN RESULT IN CIVIL DAMAGES AND CRIMINAL PROSECUTION.

Registered Trademarks of Parametric Technology Corporation or a Subsidiary

Advanced Surface Design, Arbortext, Behavioral Modeling, CADD5, Computervision, CounterPart, Create • Collaborate • Control, EPD, EPD.Connect, Expert Machinist, Flexible Engineering, GRANITE, HARNESSESDSIGN, Info*Engine, InPart, MECHANICA, Optegra, Parametric Technology, Parametric Technology Corporation, PartSpeak, PHOTORENDER, Pro/DESKTOP, Pro/E, Pro/ENGINEER, Pro/HELP, Pro/INTRALINK, Pro/MECHANICA, Pro/TOOLKIT, Product First, Product Development Means Business, Product Makes the Company, PTC, the PTC logo, PT/Products, Shaping Innovation, Simple • Powerful • Connected, The Way to Product First, and Windchill.

Trademarks of Parametric Technology Corporation or a Subsidiary

3DPAINT, Arbortext Editor, Arbortext Contributor, Arbortext Companion for MS Word®, Arbortext Advanced Print Publisher – Desktop, Arbortext Advanced Print Publisher – Enterprise, Arbortext Publishing Engine, Arbortext Dynamic Link Manager, Arbortext Styler, Arbortext Architect, Arbortext Digital Media Publisher, Arbortext Adapter to Documentum®, Arbortext Adapter to Oracle®, Associative Topology Bus, AutobuildZ, CDRS, CV, CVact, CVacc, CVdesign, CV DORS, CVMAC, CVNC, CVToolmaker, Create • Collaborate • Control • Communicate, EDACompare, EDAconduit, DataDoctor, DesignSuite, DIMENSION III, Distributed Services Manager, DIVISION, e/ENGINEER, eNC Explorer, Expert Framework, Expert MoldBase, Expert Toolmaker, FlexPDM, FlexPLM, Harmony, InterComm, InterComm Expert, InterComm EDACompare, InterComm EDAconduit, ISSM, KDIP, Knowledge Discipline in Practice, Knowledge System Driver, ModelCHECK, MoldShop, NC Builder, POLYCAPP, Pro/ANIMATE, Pro/ASSEMBLY, Pro/CABLING, Pro/CASTING, Pro/CDT, Pro/CMM, Pro/COLLABORATE, Pro/COMPOSITE, Pro/CONCEPT, Pro/CONVERT, Pro/DATA for PDGS, Pro/DESIGNER, Pro/DETAIL, Pro/DIAGRAM, Pro/DIEFACE, Pro/DRAW, Pro/ECAD, Pro/ENGINE, Pro/FEATURE, Pro/FEM POST, Pro/FICIENCY, Pro/FLY THROUGH, Pro/HARNESS, Pro/INTERFACE, Pro/LANGUAGE, Pro/LEGACY, Pro/LIBRARYACCESS, Pro/MESH, Pro/Model.View, Pro/MOLDESIGN, Pro/NC ADVANCED, Pro/NC CHECK, Pro/NC MILL, Pro/NC POST, Pro/NC SHEETMETAL, Pro/NC TURN, Pro/NC WEDM, Pro/NC Wire EDM, Pro/NETWORK ANIMATOR, Pro/NOTEBOOK, Pro/PDM, Pro/PHOTORENDER, Pro/PIPING, Pro/PLASTIC ADVISOR, Pro/PLOT, Pro/POWER DESIGN, Pro/PROCESS, Pro/REPORT, Pro/REVIEW, Pro/SCAN TOOLS, Pro/SHEETMETAL, Pro/SURFACE, Pro/VERIFY, Pro/Web.Link, Pro/Web.Publish, Pro/WELDING, ProductView, PTC Precision, Routed Systems Designer, Shrinkwrap, The Product Development Company, Validation Manager, Warp, Wildfire, Windchill DynamicDesignLink, Windchill PartsLink, Windchill PDMLink, Windchill ProjectLink, and Windchill SupplyLink.

Patents of Parametric Technology Corporation or a Subsidiary

Registration numbers and issue dates follow. Additionally, equivalent patents may be issued or pending outside of the United States. Contact PTC for further information. GB2366639B 13-October-2004. GB2363208 25-August-2004. (EP/DE/GB)0812447 26-May-2004. GB2365567 10-March-2004. (GB)2388003B 21-January-2004. 6,665,569 B1 16-December-2003. GB2353115 10-December-2003. 6,625,607 B1 23-September-2003. 6,580,428 B1 17-June-2003. GB2354684B 02-July-2003. GB2384125 15-October-2003. GB2354096 12-November-2003. GB2354924 24-September-2003. 6,608,623 B1 19-August-2003. GB2353376 05-November-2003. GB2354686 15-October-2003. 6,545,671 B1 08-April-2003. GB2354685B 18-June-2003. GB2354683B 04-June-2003. 6,608,623 B1 19-August-2003. 6,473,673 B1 29-October-2002. GB2354683B 04-June-2003. 6,447,223 B1 10-Sept-2002. 6,308,144 23-October-2001. 5,680,523 21-October-1997. 5,838,331 17-November-1998. 4,956,771 11-September-1990. 5,058,000 15-October-1991. 5,140,321 18-August-1992. 5,423,023 05-June-1990. 4,310,615 21-December-1998. 4,310,614 30-April-1996. 4,310,614 22-April-1999. 5,297,053 22-March-1994. 5,513,316 30-April-1996. 5,689,711 18-November-1997. 5,506,950 09-April-1996. 5,428,772 27-June-1995. 5,850,535 15-December-1998. 5,557,176 09-November-1996. 5,561,747 01-October-1996. (EP)0240557 02-October-1986.

Third-Party Trademarks

Adobe, Acrobat, Distiller, and the Acrobat logo are trademarks of Adobe Systems Incorporated. IBM, AIX, and Websphere are registered trademarks of IBM Corporation. Allegro, Cadence, and Concept are registered trademarks of Cadence Design Systems, Inc. Apple, Mac, Mac OS, Panther and Tiger are trademarks or registered trademarks of Apple Computer, Inc. AutoCAD and Autodesk Inventor are registered trademarks of Autodesk, Inc. Baan is a registered trademark of Baan Company. CADAM and CATIA are registered trademarks of Dassault Systemes. DataDirect Connect is a registered trademark of DataDirect Technologies. CYA, iArchive, HOTbackup, and Virtual StandBy are trademarks or registered trademarks of CYA Technologies, Inc. DOORS is a registered trademark of Telelogic AB. FLEXnet, InstallShield, and InstallAnywhere are trademarks or registered trademarks of Macrovision Corporation. Geomagic is a registered trademark of Raindrop Geomagic, Inc. EVERSUNC, GROOVE, GROOVEFEST, GROOVE.NET, GROOVE NETWORKS, iGROOVE, PEERWARE, and the interlocking circles logo are trademarks of Groove Networks, Inc. Helix is a trademark of Microcadam, Inc. HOOPS is a trademark of Tech Soft America, Inc. HP, Hewlett-Packard, and HP-UX are registered trademarks of Hewlett-Packard Company. Advanced ClusterProven, ClusterProven, the ClusterProven design, Rational Rose, and Rational ClearCase are trademarks or registered trademarks of International Business Machines Corporation in the United States and other countries and are used under license. IBM Corporation does not warrant and is not responsible for the operation of this software product. I-DEAS, Metaphase, Parasolid, SHERPA, Solid Edge, TeamCenter, UG-NX, and Unigraphics are trademarks or registered trademarks of UGS Corp. Intel is a registered trademark of Intel Corporation. IRIX is a registered trademark of Silicon Graphics, Inc. I-Run and ISOGEN are registered trademarks of Alias Ltd. LINUX is a registered trademark of Linus Torvalds. MainWin and Mainsoft are trademarks of Mainsoft Corporation. MatrixOne is a trademark of MatrixOne, Inc. Mentor Graphics and Board Station are registered trademarks and 3D Design, AMPLE, and Design Manager are trademarks of Mentor Graphics Corporation. MEDUSA and STHENO are trademarks of CAD Schroer GmbH. Microsoft, ActiveX, JScript, Windows, Windows NT, Windows 2000, Windows 2000 Server, Windows XP, Windows Server 2003, the Windows logo, Visual Basic, the Visual Basic logo and Active Accessibility are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Moldflow is a registered trademark of Moldflow Corporation. Netscape and the Netscape N and Ship's Wheel logos are registered trademarks of Netscape Communications Corporation in the U.S. and other countries. Oracle and interMedia are registered trademarks of Oracle Corporation. OrbixWeb is a registered trademark of IONA Technologies PLC. PDGS is a registered trademark of Ford Motor Company. RAND is a trademark of RAND Worldwide. RetrievalWare is a registered trademark of Convera Corporation. RosettaNet is a trademark and Partner Interface Process and PIP are registered trademarks of RosettaNet, a nonprofit organization. SAP and R/3 are registered trademarks of SAP AG Germany. SolidWorks is a registered trademark of SolidWorks Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the United States and in other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc. Sun, Sun Microsystems, the Sun logo, Solaris, UltraSPARC, Java and all Java based marks, and "The Network is the Computer" are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and in other countries. 3Dconnexion is a registered trademark of Logitech International S.A. TIBCO is a registered trademark and TIBCO ActiveEnterprise, TIBCO Designer, TIBCO Enterprise Message Service, TIBCO Rendezvous, TIBCO TurboXML, and TIBCO BusinessWorks are trademarks or registered trademarks of TIBCO Software Inc. in the United States and other countries. WebEx is a trademark of WebEx Communications, Inc. API Toolkit is a trademark of InterCAP Graphics Systems, Inc. BEA and WebLogic are registered trademarks of BEA Systems, Inc. BEA WebLogic Server and BEA WebLogic Platform are trademarks of BEA Systems, Inc. Compaq is a registered trademark of Compaq Computer Corporation. DEC is a registered trademark of Digital Equipment Corporation. Documentum and Documentum Administrator are trademarks of Documentum, Inc. Elan License Manager and Softlock are trademarks of Rainbow Technologies, Inc. JAWS is a registered trademark of Freedom Scientific BLV Group, LLC in the United States and other countries. FileNET is a registered trademark of FileNET Corporation. Panagon is a trademark of FileNET Corporation. Galaxy Application Environment is a licensed trademark of Visix Software, Inc. Interleaf is a trademark of Interleaf, Inc. IslandDraw and IslandPaint are trademarks of Island Graphics Corporation. Netscape, Netscape Navigator, and Netscape Communicator are registered trademarks and service marks of Netscape Communications Corporation. OSF/Motif and Motif are trademarks of the Open Software Foundation, Inc. Palm Computing, Palm OS, Graffiti, HotSync, and Palm Modem are registered trademarks, and Palm III, Palm IIIe, Palm IIIx, Palm V, Palm Vx, Palm VII, Palm, More connected, Simply Palm, the Palm Computing platform logo, all Palm logos, and HotSync logo are trademarks of Palm, Inc. or its subsidiaries. Proximity and Linguibase are registered trademarks of Proximity Technology, Inc. SPARC is a registered trademark and SPARCStation is a trademark of SPARC International, Inc. (products bearing the SPARC trademarks are based on an architecture developed by Sun Microsystems, Inc.). TeX is a trademark of the American Mathematical Society. UNIX is a registered trademark of The Open Group. X Window System is a trademark of X Consortium, Inc.

Third-Party Technology Information

Certain PTC software products contain licensed third-party technology:

Rational Rose and Rational ClearCase are copyrighted software of IBM Corp.

RetrievalWare is copyrighted software of Convera Corporation.

VisTools library is copyrighted software of Visual Kinematics, Inc. (VKI) containing confidential trade secret information belonging to VKI.

HOOPS graphics system is a proprietary software product of, and is copyrighted by, Tech Soft America, Inc.

I-Run and ISOGEN are copyrighted software of Alias Ltd.

Xdriver is copyrighted software of 3Dconnexion, Inc, a Logitech International S.A. company.

G POST is copyrighted software and a registered trademark of Intercim.

VERICUT is copyrighted software and a registered trademark of CGTech.

FLEXnet Publisher is copyrighted software of Macrovision Corporation

Pro/PLASTIC ADVISOR is powered by Moldflow technology.

Fatigue Advisor nCode libraries from nCode International.

TetMesh-GHS3D provided by Simulog Technologies, a business unit of Simulog S.A.

MainWin Dedicated Libraries are copyrighted software of Mainsoft Corporation.

DFORMD.DLL is copyrighted software from Compaq Computer Corporation and may not be distributed.

LightWork Libraries are copyrighted by LightWork Design 1990–2001.

Visual Basic for Applications and Internet Explorer is copyrighted software of Microsoft Corporation.

Parasolid is © UGS Corp.

TECHNOMATIX is copyrighted software and contains proprietary information of Technomatix Technologies Ltd.

TIBCO ActiveEnterprise, TIBCO Designer, TIBCO Enterprise Message Service, TIBCO Rendezvous, TIBCO TurboXML, and TIBCO BusinessWorks are provided by TIBCO Software Inc.

DataDirect Connect is copyrighted software of DataDirect Technologies.

Technology "Powered by Groove" is provided by Groove Networks, Inc.

Technology "Powered by WebEx" is provided by WebEx Communications, Inc.

Oracle 8i run-time, Oracle 9i run-time, and Oracle 10g run-time are Copyright 2002–2004 Oracle Corporation. Oracle programs provided herein are subject to a restricted use license and can only be used in conjunction with the PTC software they are provided with.

Adobe Acrobat Reader and Adobe Distiller are copyrighted software of Adobe Systems Inc. and are subject to the Adobe End-User License Agreement as provided by Adobe with those products.

Certain license management is based on Elan License Manager © 1989-1999 Rainbow Technologies, Inc. All rights reserved.

Portions compiled from Microsoft Developer Network Redistributable Sample Code, Copyright © 1998 by Microsoft Corporation.

The CD-ROM Composer and CD-ROM Consumer are based on Vivace CD-Web Composer Integrator © 1996-1997 KnowledgeSet Corporation. All rights reserved.

Larson CGM Engine 8.0, Copyright © 1992-2002 Larson Software Technology, Inc. All rights reserved.

Certain graphics-handling portions are based on the following technologies:

GIF: Copyright 1989, 1990 Kirk L. Johnson. The author disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the author be liable for any special, indirect, or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence, or other tortious action, arising out of or in connection with the use or performance of this software.

JPEG: This software is based in part on the work of the Independent JPEG Group.

PNG: Copyright 2000, 2001 Glenn Randers-Pehrson.

TIFF: Copyright 1988-1997 Sam Leffler, Copyright © 1991-1997 Silicon Graphics, Inc. The software is provided AS IS and without warranty of any kind, express, implied, or otherwise, including without limitation, any warranty of merchantability or fitness for a particular purpose. In no event shall Sam Leffler or Silicon Graphics be liable for any special, incidental, indirect, or consequential damages of any kind, or any damages whatsoever resulting from loss of use, data or profits, whether or not advised of the possibility of damage, or on any theory of liability, arising out of or in connection with the use or performance of this software.

XBM, Sun Raster, and Sun Icon: Copyright, 1987, Massachusetts Institute of Technology.

ZLIB: Copyright 1995-1998 Jean-loup Gailly and Mark Adler.

PDFlib software is copyright © 1997-2003 PDFlib GmbH. All rights reserved.

PStill software is copyright © Dipl.- Ing. Frank Siegert, 1996-2004

Proximity Linguistic Technology provides spelling portions of certain software products: The Proximity/Bertelsmann Lexikon Verlag Database. Copyright © 1997 Bertelsmann Lexikon Verlag. Copyright © 1997, All Rights Reserved, Proximity Technology, Inc.; The Proximity/C.A. Strombertg AB Database. Copyright © 1989 C.A. Strombertg AB. Copyright © 1989, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Editions Fernand Nathan Database. Copyright © 1984 Editions Fernand Nathan. Copyright © 1989, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Espasa-Calpe Database. Copyright © 1990 Espasa-Calpe. Copyright © 1990, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Dr. Lluís de Yzaguirre i Maura Database. Copyright © 1991 Dr. Lluís de Yzaguirre i Maura Copyright © 1991, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Franklin Electronic Publishers, Inc. Database. Copyright © 1994 Franklin Electronic Publishers, Inc. Copyright © 1994, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Hachette Database. Copyright © 1992 Hachette. Copyright © 1992, All Rights Reserved, Proximity Technology, Inc.; The Proximity/IDE a.s. Database. Copyright © 1989, 1990 IDE a.s. Copyright © 1989, 1990, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Merriam-Webster, Inc. Database. Copyright © 1984, 1990 Merriam-Webster, Inc. Copyright © 1984, 1990, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Merriam-Webster, Inc./Franklin Electronic Publishers, Inc. Database. Copyright © 1990 Merriam-Webster Inc. Copyright © 1994 Franklin Electronic Publishers, Inc. Copyright © 1994, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Munksgaard International Publishers Ltd. Database. Copyright © 1990 Munksgaard International Publishers Ltd. Copyright © 1990, All Rights Reserved, Proximity Technology, Inc.; The Proximity/S. Fischer Verlag Database. Copyright © 1983 S. Fischer Verlag. Copyright © 1997, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Van Dale Lexicografie by Database. Copyright © 1995, 1997 Van Dale Lexicografie by. Copyright © 1996, 1997, All Rights Reserved, Proximity Technology, Inc.; The Proximity/William Collins Sons & Co. Ltd. Database. Copyright © 1984, 1990 William Collins Sons & Co. Ltd. Copyright © 1988, 1990, All Rights Reserved, Proximity Technology, Inc.; The Proximity/Zanichelli Database. Copyright © 1989 Zanichelli. Copyright © 1989, All Rights Reserved, Proximity Technology, Inc.

The Arbortext Import/Export feature includes components that are licensed and copyrighted by CambridgeDocs LLC (© 2002-2005 CambridgeDocs LLC). This functionality:

Includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

Redistributes JRE 1.4.2_08 from Sun Microsystems. The Redistributable is complete and unmodified, and only bundled as part of the product. CambridgeDocs is not distributing additional software intended to supersede any component(s) of the Redistributable, nor has CambridgeDocs removed or altered any proprietary legends or notices contained in or on the Redistributable. CambridgeDocs is only distributing the Redistributable pursuant to a license agreement that protects Sun's interests consistent with the terms contained in the Agreement. CambridgeDocs agrees to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorney's fees) incurred in connection with any claim, lawsuit, or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software. This product includes code licensed from RSA Security, Inc. Some portions licensed from IBM are available at <http://oss.software.ibm.com/icu4j/>.

Redistributes the Saxon XSLT Processor from Michael Kay, more information, including source code is available at <http://saxon.sourceforge.net/>.

Uses cxImage, an open source image conversion library that follows the zlib license. cxImage further uses the following image libraries which also ship (statically linked) with cxLib: zLib, LibTIFF, LibPNG, LibJPEG, JBIG-Kit, JasPer, LibJ2K. See <http://www.xdp.it/cximage.htm>.

Includes software developed by Andy Clark, namely Neko DTD. NekoDTD is © Copyright 2002, 2003, Andy Clark. All rights reserved. For more information, visit <http://www.apache.org/~andyc/neko/doc/index.html>.

Includes code which was developed and copyright by Steven John Metsker, and shipped with Building Parsers with Java, from Addison Wesley.

Uses controls from Infragistics NetAdvantage 2004, Volume 3, © Copyright 2004 Infragistics.

Word, FrameMaker, and Interleaf filters. Copyright © 2000 Blueberry Software. All rights reserved.

Portions of software documentation are used with the permission of the World Wide Web Consortium. Copyright © 1994–2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University). All Rights Reserved. <http://www.w3.org/Consortium/Legal/>. Such portions are indicated at their points of use.

Copyright and ownership of certain software components is with YARD SOFTWARE SYSTEMS LIMITED, unauthorized use and copying of which is hereby prohibited. YARD SOFTWARE SYSTEMS LIMITED 1987. (Lic. #YSS:SC:9107001)

METIS, developed by George Karypis and Vipin Kumar at the University of Minnesota, can be researched at <http://www.cs.umn.edu/~karypis/metis>. METIS is © 1997 Regents of the University of Minnesota.

Certain software components licensed in connection with the Apache Software Foundation, all rights reserved, and use is subject to the terms and limitations at <http://www.apache.org/>. Apache software is provided by its Contributors AS IS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, and any expressed or implied warranties, including, but not limited to, the implied warranties of title non-infringement, merchantability and fitness for a particular purpose are disclaimed. In no event shall the Apache Software Foundation or its Contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage. Apache software includes:

Apache Server, Tomcat, Xalan, Xerces, and Jakarta, Jarkarta POI, Jakarta Regulat Expression, Commons-FileUpload

IBM XML Parser for Java Edition, the IBM SaxParser and the IBM Lotus XSL Edition

DITA-OT - Apache License Version

Pop-up calendar components Copyright © 1998 Netscape Communications Corporation. All Rights Reserved.

UnZip (© 1990 2001 Info ZIP, All Rights Reserved) is provided AS IS and WITHOUT WARRANTY OF ANY KIND. For the complete Info ZIP license see <http://www.info-zip.org/doc/LICENSE>.

The Java™ Telnet Applet (StatusPeer.java, TelnetIO.java, TelnetWrapper.java, TimedOutException.java), Copyright © 1996, 97 Mattias L. Jügel, Marcus Meißner, is redistributed under the GNU General Public License. This license is from the original copyright holder and the Applet is provided WITHOUT WARRANTY OF ANY KIND. You may obtain a copy of the source code for the Applet at <http://www.mud.de/se/jta> (for a charge of no more than the cost of physically performing the source distribution), by sending e-mail to leo@mud.de or marcus@mud.de—you are allowed to choose either distribution method. Said source code is likewise provided under the GNU General Public License.

GTK+ The GIMP Toolkit is licensed under the GNU Library General Public License (LGPL). You may obtain a copy of the source code at <http://www.gtk.org>, which is likewise provided under the GNU LGPL.

zlib software Copyright © 1995-2002 Jean-loup Gailly and Mark Adler.

#ZipLib GNU software is developed for the Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA, copyright ©1989, 1991. PTC hereby disclaims all copyright interest in the program #ZipLib written by Mike Krueger. #ZipLib licensed free of charge and there is no warranty for the program, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide the program AS IS without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the program is with you. Should the program prove defective, you assume the cost of all necessary servicing, repair or correction. OmniORB is distributed under the terms and conditions of the GNU General Public License - The OmniORB Libraries are released under the GNU LGPL.

The Java Getopt.jar file, copyright 1987 1997 Free Software Foundation, Inc.

Java Port copyright 1998 by Aaron M. Renn (arenn@urbanophile.com) is redistributed under the GNU LGPL. You may obtain a copy of the source code at <http://www.urbanophile.com/arenn/hacking/download.html>. The source code is likewise provided under the GNU LGPL.

CUP Parser Generator Copyright ©1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian—used by permission. The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages, or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action arising out of or in connection with the use or performance of this software.

Software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>): Copyright © 1998 2003 The OpenSSL Project. All rights reserved. This product may include cryptographic software written by Eric Young (ey@cryptsoft.com).

ImageMagick software is Copyright © 1999-2005 ImageMagick Studio LLC, a nonprofit organization dedicated to making software-imaging solutions freely available. ImageMagick is freely available without charge and provided pursuant to the following license agreement: <http://www.imagemagick.org/script/license.php>.

Mozilla Japanese localization components are subject to the Netscape Public License Version 1.1 (at <http://www.mozilla.org/NPL>). Software distributed under the Netscape Public License (NPL) is distributed on an AS IS basis, WITHOUT WARRANTY OF ANY KIND, either expressed or implied (see the NPL for the rights and limitations that are governing different languages). The Original Code is Mozilla Communicator client code, released March 31, 1998 and the Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright © 1998 Netscape Communications Corporation. All Rights Reserved. Contributors: Kazu Yamamoto (kazu@mozilla.gr.jp), Ryoichi Furukawa (furu@mozilla.gr.jp), Tsukasa Maruyama (mal@mozilla.gr.jp), Teiji Matsuba (matsuba@dream.com).

The following components are subject to the Mozilla Public License Version 1.1 at <http://www.mozilla.org/MPL> (the MPL). Software distributed under the MPL is distributed on an AS IS basis, WITHOUT WARRANTY OF ANY KIND, either expressed or implied and all warranty, support, indemnity or liability obligations under PTC's software license agreements are provided by PTC. See the MPL for the specific language governing rights and limitations. Modifications to Mozilla source code are available under the MPL and are available upon request: Gecko and Mozilla components; text (www.lowagie.com/iText/). iCal4j is Copyright © 2005, Ben Fortuna, All rights reserved. Redistribution and use of iCal4j in source and binary forms, with or without modification, are permitted provided that the following conditions are met: (i) Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer; (ii) Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution; and (iii) Neither the name of Ben Fortuna nor the names of any other contributors may be used to endorse or promote products derived from this software without specific prior written permission. iCal4j SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The Independent JPEG Group's JPEG software. This software is Copyright © 1991-1998, Thomas G. Lane. All Rights Reserved. This software is based in part on the work of the Independent JPEG Group.

libpng, Copyright © 2004 Glenn Randers-Pehrson, which is distributed according to the disclaimer and license (as well as the list of Contributing Authors) at <http://www.libpng.org/pub/png/src/libpng-LICENSE.txt>.

Curl software, Copyright ©1996 - 2005, Daniel Stenberg, <daniel@haxx.se>. All rights reserved. Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies. THE SOFTWARE IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use, or other dealings.

The cad2eda program utilizes wxWidgets (formerly wxWindows) libraries for its cross-platform UI API, which is licensed under the wxWindows Library License at <http://www.wxwindows.org/>.

LAPACK libraries used are freely available at www.netlib.org (authors are Anderson, E. and Bai, Z. and Bischof, C. and Blackford, S. and Demmel, J. and Dongarra, J. and Du Croz, J. and Greenbaum, A. and Hammarling, S. and McKenney, A. and Sorensen, D.).

The following software, which is provided with and called by certain PTC software products, is licensed under the GNU General Public License: Ghost Script (www.cs.wisc.edu/~ghost/); The PJA (Pure Java AWT) Toolkit library (www.eteks.com/pja/en/).

JFreeChart is licensed under the GNU LGPL and can be found at www.jfree.org.

Java Advanced Imaging (JAI) is provided pursuant to the Sun Java Distribution License (JDL) at www.jai.dev.java.net/. The terms of the JDL shall supersede any other licensing terms for PTC software with respect to JAI components.

UNITED STATES GOVERNMENT RESTRICTED RIGHTS LEGEND

This document and the software described herein are Commercial Computer Documentation and Software, pursuant to FAR 12.212(a)-(b) (OCT'95) or DFARS 227.7202-1(a) and 227.7202-3(a) (JUN'95), and are provided to the US Government under a limited commercial license only. For procurements predating the above clauses, use, duplication, or disclosure by the Government is subject to the restrictions set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software Clause at DFARS 252.227 7013 (OCT'88) or Commercial Computer Software-Restricted Rights at FAR 52.227 19(c)(1)-(2) (JUN'87), as applicable. 010106

Parametric Technology Corporation, 140 Kendrick Street, Needham, MA 02494 USA

Contents

| | |
|---|-----------|
| About This Guide | 1 |
| All InterComm™ Products | 3 |
| Creating a Web Account..... | 4 |
| Subscribing to Products | 5 |
| Requesting a License | 6 |
| Requesting an Upgrade License | 8 |
| Downloading Your InterComm Products..... | 12 |
| Installing FLEXIm Server Software..... | 16 |
| Installing Your PTC License File | 17 |
| Installing Your InterComm Products..... | 19 |
| Configuring Your License | 20 |
| Consignment Licensing | 23 |
| Sample License File..... | 25 |
| Glossary..... | I |

About This Guide

Documentation Conventions

The documentation uses the following conventions:

| Convention | Item | Example |
|------------------------|--|---|
| Code | code examples command line text | <code>set projName=</code> <code>Processing completed.</code> |
| File name | file name | <code>demo_file.eda</code> |
| User Interface Element | Names of elements in the user interface such as buttons, menu paths, and dialog box titles. Required elements and keywords or characters in syntax formats. | Click OK . Select File>Save . License File dialog box |

Code Examples

Some code examples in this guide have been reformatted for presentation purposes and, therefore, may contain hidden editing characters (such as tabs and end-of-line characters) and extraneous spaces. If you cut and paste code from this manual, check for these characters and remove them before attempting to use the example in your application.

Technical Support

Contact PTC Technical Support if you encounter any problems:

- <http://www.ptc.com/support>
- Phone: 1-800-477-6435
- CS_PTC@ptc.com

For faster service, please provide the following information:

- The exact software version (Choose **Help>About**)
- Your Customer Number *
- Your SCN (Service Contract Number) *
- A detailed description of the problem and any information you can provide on how to reproduce the problem.

* If you do not have this information, please call 1-877-275-4782. Explain to the technician that you need access to your company's Customer Number and Service Contract Number.

For complete details, refer to the Contacting Technical Support section of the *PTC Customer Service Guide* at: http://www.ptc.com/support/cs_guide

Documentation

The PTC Web site provides a search facility that allows you to locate Technical Support documentation of particular interest, *including the latest update of this guide*. To access this page, use the following link:

<http://www.ptc.com/appserver/cs/search/search.jsp>

Comments

PTC welcomes your suggestions and comments on its documentation. You can submit your feedback for this guide to the following email address:

ECAD_Docs@ptc.com

All InterComm™ Products

This document includes the procedures for acquiring and configuring all of the InterComm products:

- InterComm Expert
- InterComm EDCompare
- InterComm EDAConduit

Follow the procedures in this document for downloading, licensing, and installing everything you'll need for all of the InterComm products.

Creating a Web Account

You must have a Premium Web Account for your company in order to access software and other services on the PTC.com website.

You will need to have your PTC Customer Number AND one of the following:

- Service Contract Number (SCN)
- Sales Order Number (SON)
- Site Number

If you do not know this information, call 1-877-275-4782 and select option 1 for License Management.

◆ *To create a web account:*

1. To create a web account, use the following link:
<http://www.ptc.com/appserver/common/account/basic.jsp>
2. On the **New Account** page complete the form and select **Create Account**.
3. On the confirmation page, you will see an option to **Upgrade Your Access**. Choose that link.
4. On the **Upgrade Your ptc.com Account** page complete the form and select **Upgrade**.
5. You will then receive two emails at the email address you provided:
 - Subject line: **Important Action Required – Please Activate Your ptc.com Account** — This email contains a link to activate your account. If you do not activate the account, you will not be able to gain access to the areas you have requested. Click the link in the email and follow the instructions in the email and on the website.
 - Subject line: **ptc.com Account Activation Confirmation – No Action Required** — In this email, you will find a list of your new access areas.
6. After you have activated your account using the link provided, you will be able to access all of your areas on the PTC.com website.

Subscribing to Products

By subscribing to specific products, you will receive email automatically about new Knowledge Base information including:

- Technical Application Note (TAN) — Documents which describe specific technical issues with PTC software; these generally include work-around information and information on anticipated software corrections.
- Technical Point of Interest (TPI) — Technical tips which are not necessarily associated with a particular release of a PTC software product.

This procedure is optional but is HIGHLY recommended.

◆ *To subscribe to specific products:*

1. To subscribe to specific products, use the following link:
<http://www.ptc.com/support>
2. On the Support page, under **Self Help** select **Subscriptions**.
3. Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.) Click **OK**.
4. On the **Knowledge Base Monitor** page, you see a table listing any current subscriptions. Most likely this will be empty. Below that you see a table where you can add a new subscription.
5. In the **Select Product** field, select a product.
6. Leave both the **Module** and **Release** fields set to **Any**.
7. Check the boxes under **TAN** and **TPI**.
8. Click **Add**. The subscription is added to the upper **Current Subscriptions** table.
9. Repeat steps 5 through 8 for each InterComm product (and for any other PTC products) you may be using.

Requesting a License

IMPORTANT: If you currently have InterComm Expert 5.1 M060 and you need to upgrade your license to the current version, you will need to request a license from License management. To do this, follow the procedure in the *Requesting an Upgrade License* section on page 8.

Requesting a New License

You must have the associated license to run any PTC software. The following procedure explains how to request a node-locked or floating license. To request a Consignment license, please refer to *Consignment Licensing* on page 23.

◆ *To request a new license:*

1. Go to the PTC Support website: <http://www.ptc.com/support>
2. Under **Licensing Tools**, select **Configure New Software**.
3. Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.)
4. When prompted, enter your Sales Order Number (SON) and click **Continue**. If you do not know your company's SON, call 1-877-275-4782 and select option 1 for License Management.
5. The next page lists the available products to install. Select the license feature(s) you want. (Refer to the *License Features* section on page 10 for instructions on which license features to select.) Click **Continue**.
6. On the next page, select whether the license(s) will be installed on a **Single Server** or **Triad** server, whichever is applicable to your configuration. Click **Continue**.
7. Select the number of licenses you want for each feature. If you want the same number of licenses for each feature, you can select the number in the **Select x of each item** box. This will automatically set the number for all of the licenses above. Click **Continue**.
8. The next page is where you identify the system for which the license file will be configured. Use the following link <http://www.ptc.com/olm/ist1071/ist1071.htm> to determine your HOST ID.

- To search for the machine, enter the **CPU ID/Triad Leg** or **Host/Triad Name** in the corresponding field and click **Search**.
 - To browse for the machine, leave all of the fields blank and click **Browse**. Find the machine in the list, click the option button next to that CPU ID, scroll to the bottom of the page, and click **Continue**.
 - To create a new server, enter the CPU ID in the **Create a New Server/Triad** field and click **Create**.
9. On the next two pages leave the default values and click **Continue**.
 10. On the review transaction page, verify the information and click **Submit Transaction**.
 11. You are then presented with a confirmation that your request has been submitted. Please note the red call number for future reference. **Your license file will be sent via email.**

NOTE: If you had any previously configured PTC license features, this process will create a new license file with the new features you requested *as well as* any previous configured license features.

IMPORTANT: Please review the sample license file at the end of this document to be sure that your license file has everything you need.

Requesting an Upgrade License

IMPORTANT: If you currently have InterComm Expert 5.1 M060 and you need to upgrade your license to the current version, you will need to request a license from License management. With your request, you will need to provide your license server HOST ID. To determine this, use the following link:
<http://www.ptc.com/olm/ist1071/ist1071.htm>.

◆ *To request a license for an upgrade:*

1. To request an upgrade license, use the following link:
<http://www.ptc.com/support>
2. On the Support page, under **Customer Care** select **Customer Care Call Logger**.
3. Enter your PTC account username and password (created in the *Creating a Web Account* section on page 4) and click **OK**.
4. On the **Customer Care Call Logger** page, verify your information and click **Next**.
5. When prompted, enter your Sales Order Number (SON) and click **Continue**. (If you do not know your company's SON, call 1-877-275-4782 and select option 1 for License Management.)
6. On the next page, enter the following information:
 - Callback Phone** — enter your telephone number
 - Problem description** — specify that you are requesting a upgrade license
 - Priority** — select a priority level
 - Function** — choose **License Management Service**
 - Area** — choose **Upgrade**
 - Short Description** — Specify that you are requesting a new InterComm Expert license and include the version. With your request, you will need to provide your license server HOST ID. To determine this, use the following link: <http://www.ptc.com/olm/ist1071/ist1071.htm>.
 - Long Description** — leave blank

7. Click **Next**.

8. Review the information on the following page and then click **Open a call**.

The next page confirms your call and provides a call number. Note this number.

License Features

InterComm Expert License Features

As part of requesting a license for InterComm Expert, you will need to select not only a license, but license features as well. When selecting your InterComm Expert license, you must choose:

- the InterComm Base License (shown in red)
- the feature(s) for the InterComm configuration(s) that you purchased (shown in yellow)

Note: Depending upon the license(s) you purchased, your options may differ from those shown here.

| License | Available License Feature | Available for | |
|------------------------|---------------------------|---------------|--------------|
| | | Floating | Node-locked* |
| InterComm Base License | InterComm Access | ✓ | ✓ |
| | InterComm Access PLM | ✓ | ✓ |
| | InterComm Expert | ✓ | ✓ |
| | InterComm Expert PLM | ✓ | ✓ |

* Node-locked licensing is supported only on Windows. For Solaris, you must use a Floating license.

InterComm EDACompare License Features

When selecting your InterComm EDACompare license, you **must** choose **all** of the following:

- InterComm EDACompare Base License
- InterComm EDACompare - Full Version
- InterComm Base for Expert
- InterComm ICM_CFG_4

Important Notes:

- InterComm EDACompare is available only for Windows and only with a Floating license.

- An InterComm Base for Expert is required for InterComm Expert, InterComm EDACompare, and InterComm EDAconduit. Please be sure that the **total** number of InterComm Base for Expert licenses is equal to the number of licenses for InterComm Expert *plus* the number of InterComm EDACompare licenses *plus* the number of InterComm EDAconduit licenses.

InterComm EDAconduit License Features

When selecting your InterComm EDAconduit license, you **must** choose **all** of the following:

- InterComm EDAconduit Base License
- InterComm EDAconduit For All
- InterComm Base for Expert
- InterComm ICM_CFG_1

Important Notes:

- An InterComm Base for Expert is required for InterComm Expert, InterComm EDACompare, and InterComm EDAconduit. Please be sure that the **total** number of InterComm Base for Expert licenses is equal to the number of licenses for InterComm Expert *plus* the number of InterComm EDACompare licenses *plus* the number of InterComm EDAconduit licenses.
- For Windows, InterComm EDAconduit is available with either a Floating or a Node-Locked license.
- For Solaris, InterComm EDAconduit is available only with a Floating license.
- In addition, if you are planning to run InterComm EDAconduit on Solaris, please contact your sales representative about purchasing the correct feature.

Downloading Your InterComm Products

Downloading InterComm Expert

If you have the CD of InterComm Expert, you can skip this procedure and go straight to the next procedure.

IMPORTANT: InterComm Expert is a product with several different configurations. The instructions provided here are applicable for all configurations of InterComm Expert, including:

- Access
- Access PLM
- Expert
- Expert PLM

If you have purchased any of these configurations, please use the following procedure.

◆ *To download InterComm Expert:*

1. Go to the PTC website: http://www.ptc.com/cs/doc/intercomm_main.htm
2. Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.)
3. Scroll down to the **Important Links** header and select the link under the **Downloading/Ordering CDs for InterComm Expert** option.
4. The next page confirms **Your Information** and your **Customer Information** (using either your **Customer Number** or **Customer Name**). Verify that the information is correct and click **Continue**.
5. On the next page, select **INTERCOMM** in the **Product Name** drop-down box.
6. The following page lists the versions of InterComm that are currently available. Most likely, you will want the most recent version, which will be

the first version listed.

In the **Download** column there is an FTP and an HTTP download option for both the tar and zip format (indicated with a red circle below).

Choose the format you want (**tar** or **zip**) and then click on the download method (**[FTP]** or **[HTTP]**) that corresponds to the format you want.

| CD Description | Release | Datecode | Download | Order CD |
|----------------|---------|--------------------|---|---|
| InterComm X.X | X.X | FXXX or MXXX | <div style="text-align: center;"> tar [FTP] [HTTP] [More Options] 163945984 bytes (156.35 MB) </div> <div style="text-align: center; margin-top: 10px;"> zip [FTP] [HTTP] [More Options] 137256549 bytes (130.90 MB) </div> | <input type="text" value="0"/> <input type="button" value="v"/> |

- Once the download is complete, click **Exit Application**.

Downloading InterComm EDACompare

If you have the CD of InterComm EDACompare, you can skip this procedure and go to the next procedure.

If, however, you don't have InterComm EDACompare yet, you can download the latest release from the PTC website.

◆ To download InterComm EDACompare:

- Go to the PTC website:
http://www.ptc.com/cs/doc/InterComm_EDACompare.htm
- Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.)
- Scroll down to the **Important Links** header and select the link under the **Downloading/Ordering CDs for InterComm EDACompare** option.
- The next page confirms **Your Information** and your **Customer Information** (using either your Customer Number or Customer Name). Verify that the information is correct and click **Continue**.
- On the next page, in the **Product Name** drop-down box select **InterComm EDACompare**.
- The following page lists the versions of InterComm EDACompare that are currently available. Most likely, you will want the most recent version, which will be the first version listed.

Note: This page also lists the versions of InterComm Expert are currently available. If you already have InterComm Expert, you do not need to download it. If you do not have InterComm Expert, please follow the

procedures in the other sections of this document as InterComm Expert requires additional licensing, installation, and configuration.

- In the **Download** column there is an FTP and an HTTP download option for both the tar and zip format. Choose the format you want (**tar** or **zip**) and then click on the download method (**[FTP]** or **[HTTP]**) that corresponds to the format you want.

| CD Description | Release | Datecode | Download | Order CD |
|-----------------------------------|---------|-----------------|---|--------------------------------|
| InterComm EDAcompare X.X CD | X.X | FXXX or MXXX | <div style="text-align: center;"> tar [FTP] [HTTP] [More Options] 117108736 bytes (111.68 MB) </div> <div style="text-align: center; margin-top: 10px;"> zip [FTP] [HTTP] [More Options] 91499606 bytes (87.26 MB) </div> | <input type="text" value="0"/> |

- Once the download is complete, click **Exit Application**.

Downloading InterComm EDAconduit

If you have the CD of InterComm EDAconduit, you can skip this procedure and go to the next procedure.

If, however, you don't have InterComm EDAconduit yet, you can download the latest release from the PTC website.

◆ To download InterComm EDAconduit:

- Go to the PTC website:
http://www.ptc.com/cs/doc/InterComm_EDAconduit.htm
- Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.)
- Scroll down to the **Important Links** header and select the link under the **Downloading/Ordering CDs for InterComm EDAconduit** option.
- The next page confirms **Your Information** and your **Customer Information** (using either your Customer Number or Customer Name). Verify that the information is correct and click **Continue**.
- On the next page, in the **Product Name** drop-down box select **InterComm EDAconduit**.
- The following page lists the versions of InterComm EDAconduit that are currently available. Most likely, you will want the most recent version, which will be the first version listed.

Note: This page also lists the versions of InterComm Expert are currently available. If you already have InterComm Expert, you do not need to

download it. If you do not have InterComm Expert, please follow the procedures in the other sections of this document as InterComm Expert requires additional licensing, installation, and configuration.

- In the **Download** column there is an FTP and an HTTP download option for both the tar and zip format. Choose the format you want (**tar** or **zip**) and then click on the download method (**[FTP]** or **[HTTP]**) that corresponds to the format you want.

| CD Description | Release | Datecode | Download | Order CD |
|-----------------------------------|---------|--------------------|---|----------|
| InterComm EDAconduit X.X CD | X.X | MXXX or FXXX | <p style="text-align: center;">ZIP</p> <p>[FTP] [HTTP] [More Options] 134857327 bytes (128.61 MB)</p> <p style="text-align: center;">tar</p> <p>[FTP] [HTTP] [More Options] 190993920 bytes (182.15 MB)</p> | 0 ▼ |

- Once the download is complete, click **Exit Application**.

Installing FLEXIm Server Software

FLEXIm server software only needs to be installed if your company has purchased an InterComm Expert floating license. If you need to install FLEXIm Server Software, it is included in the download or on the CD with InterComm Expert. Follow the instructions in the [License_Server_Install.pdf](#) included with the License Server Software. The software and the instructions are available at: http://www.ptc.com/cs/doc/InterComm_add-ons.htm

Installing Your PTC License File

Installing a Floating License

After you request a license you will get an email with a license file attached (in the format `lm_xxxx.txt`).

◆ *To install a floating license file:*

1. Save the attachment as a `.txt` file on the license server.
2. Run the PTC.Setup program.
 - On a Windows system, the default path is:
`C:\Program Files\flexlm\bin\ptcsetup.bat`
 - On a Solaris system, the default path is:
`/opt/ptc/flexlm/bin/ptcsetup`
3. In the **License File** section, enter the path and name of the license file (from step 1 above).
4. Click **Configure**.
5. The strings `__HOSTNAME__` and `__PTCD_PATH` in the **SERVER** and **DAEMON** lines are automatically replaced with the hostname of the license server and the path to the `ptc_d` executable located in the FLEXLM directory, respectively.

For example:

```
SERVER spock PTC_HOSTID = 11-22-33-44-55-66 7788
DAEMON ptc_d d:\ptc\flexlm\i486_nt\obj\ptc_d
```

Your license is now installed. Continue to the next section for instructions on installing your software.

Installing a Node-locked License

After you request a license you will get an email with a license file attached (in the format `lm_xxxx.txt`).

◆ *To install a node-locked license file:*

6. Save the attachment as a `.txt` file on the client system.
7. Open license file (from step 1 above).
8. Type a `#` at the beginning of the `SERVER` and `DAEMON` lines in the license file.

For example:

```
#SERVER spock PTC_HOSTID = 11-22-33-44-55-66 7788  
#DAEMON ptc_d d:\ptc\flexlm\i486_nt\obj\ptc_d
```

9. Save and exit the file.

Your license is now installed. Continue to the next section for instructions on installing your software.

Installing Your InterComm Products

Installing Intercomm Expert

For instructions on installing InterComm Expert, please refer to the *InterComm Expert Instruction Manual* for the version of InterComm Expert you are using.

Installing Intercomm EDACompare

For instructions on installing InterComm EDACompare, please refer to the *InterComm EDACompare Installation Manual* for the version of InterComm EDACompare you are using.

Installing Intercomm EDAconduit

For instructions on installing InterComm EDAconduit, please refer to the *InterComm EDAconduit Installation and Usage Manual* for the version of InterComm EDAconduit you are using.

◆ **To access the documents listed above:**

1. Go to the following page: <http://www.ptc.com/appserver/cs/doc/refdoc.jsp>
2. Enter your PTC account username and password. (This is the username and password you used in the *Creating a Web Account* section on page 4.)
3. On the **Reference Documents** page, select the corresponding product from the **Product** field and select **Installation and Configuration Guide** in the **Document Type** field.
4. In the **Release** field, select the corresponding release for the product you are using.
5. Select **Browse the reference documents**.

Configuring Your License

Configuring a Floating License

A floating license is the typical configuration for multiple users within a corporate network. You must have access to a valid license server.

NOTES:

- InterComm Expert running on Solaris only supports floating licenses.
- InterComm EDACompare only supports floating licenses.
- If you have been running InterComm Expert for a demonstration period, you may have a demo license file on your system. You must reset your license before configuring the floating license.

After you have installed and started the license server, each copy of InterComm Expert on client systems must be instructed to use the license server.

◆ *To set the license server location:*

1. Start InterComm Expert.

Whenever InterComm Expert cannot find a valid license (or when InterComm Expert is started the first time), the License Location dialog box displays.

2. Select the **Floating** tab in the **License Location** dialog box.
3. Enter the name of the server that holds the floating license.
In some cases, you will need to use the full domain name of the server, such as: `server.company.com`
4. If a port number was specified in the InterComm Expert server license file, then enter that port number in the **Port** field. The default is **7788**.
5. Click **Done** to complete the configuration.
6. If you are working on InterComm Expert on Solaris, InterComm Expert will now close and display a message telling you to restart InterComm Expert. Restart InterComm Expert and your configuration is now complete.
7. InterComm Expert can now locate the floating license on your server to open the InterComm Expert session.

Configuring a Node-locked License

A node-locked license is the typical configuration for stand-alone installations. You must have a valid license file stored in a local directory on your system, such as the InterComm Expert™ installation directory.

IMPORTANT NOTES:

- PTC licensing does not support a node-locked license environment variable of more than 100 characters.
- InterComm Expert running on Solaris only supports floating licenses.
- InterComm EDACompare only supports floating licenses.
- Be sure that the PTC license file has been installed based on the *Installing Your PTC License File* procedure on page 17, which includes a step to add a # in front of the server and daemon lines in the PTC license file.
- The license configuration resulting from the following procedure will remain valid until you reset your license or your license expires. For more information, please see the **License** tab under the **Help>About InterComm** menu.

◆ *To configure a node-locked license:*

1. Start InterComm Expert.

Whenever InterComm Expert cannot find a valid license (or when InterComm Expert is started the first time), the **License Location** dialog box displays.

2. Select the **Node-Locked** tab in the **License Location** dialog box.
3. Click **Browse** to select your PTC license file, or enter the PTC license file name and path directly in the **License** file text field.
4. Click **Done** to close the dialog box to open the InterComm session.

Configuring a Demo License

A demo license is a temporary node-locked license, typically expiring in 30 days.

You are prompted to configure your license whenever you start InterComm Expert™ for the first time, or when you are starting InterComm Expert after using the **Help>About InterComm>License** tab to Reset your license to its original unconfigured state.

For more information, please see the **License** tab under the **Help>About InterComm** menu. Once you have obtained a valid license, you can configure your license just like a regular node-locked license.

Consignment Licensing

If your organization or an organization that you work with has arranged for consignment licensing, you can obtain a temporary license that lets you:

- use InterComm Expert™ outside the context of your network
- provide temporary access to InterComm Expert for partners outside your organization
- borrow a license from another company that uses InterComm Expert

A consignment license expires after the number of days you specified to have the license checked out. Then, the license becomes available to other consignment license users. When you start a new InterComm Expert session using a consignment license within a week of the license's expiration date, you will see a warning that tells you when the license expires. You can also use the **Help>About InterComm Expert>License** tab to check the status of your license.

Note: The following procedure assumes that you have the current version of InterComm Expert installed and that your system has access to the Internet.

◆ *To check out a consignment license:*

1. Make sure your system has access to the Internet.
2. Start InterComm Expert.

Note: Whenever InterComm Expert cannot find a valid license (or when InterComm Expert is started the first time), the **License Location** dialog box displays.

3. Select the **Consignment** tab in the **License Location** dialog box.
4. Select the **Request a new Consignment License** option.
5. Click **Next** to display the License Manager wizard.
6. Click **Next** to proceed to the next step in the License Manager.
7. From the **License Owner** list, select the organization that is providing you the license.

8. Enter a valid Username and Password to gain access to the library of consignment licenses for the selected License Owner.
 - If you forget your Password, go to the following page:
<https://www.intercommcommunity.com/asp2/forget.asp>.
 - If you forget both your Username and Password, send an email to support-edai@ptc.com with your company name and your email address and a contact phone number.
9. Enter the Email address of the intended user of the consignment license.
10. Click **Next** to proceed.
11. Select the number of days you would like to have the consignment license checked out.
12. Click **Next** to proceed.
13. Click **Finish** to exit the wizard.

◆ ***To install a consignment license:***

If you are a **permanent** user, your license is installed **automatically**.

If you are a **temporary** user, you will need to complete the following procedure:

You will receive an email that includes:

- your temporary license file
 - instructions for installing the license file
 - the expiration date and time
1. Copy the license file attached to the email (**Temporary license.txt**) to your root directory (**c:**).
 2. Change the file extension to **.dat** (i.e., **c:\Temporary license.dat**)
 3. Start InterComm Expert.
 4. Select the **Consignment Licensing** tab.
 5. Select the **Register...** option.
 6. Click **Done**.

Sample License File

```
#-----
#Your call number is 1234567
#-----

#-----
#License Pack for Request ID 12345678
#This License pack was requested by: PTC Host ID AA-BB-CC-DD-EE-FF
#-----
```

```
#          PTC License Pack
#  IMPORTANT SOFTWARE LICENSING INFORMATION
#          Retain this for your records.
```

```
#Customer      :PTC
#Site          :PTC
#              :
#              :140 KENDRICK STREET
#              :
#              :NEEDHAM, MA 02494
#              :US
#
#              :800-477-6435
```

NOTE: These features are not in the exact order that they will appear in your license file. They have been grouped here for easier identification.

```
#Contact       :CHRIS SMITH
#Email         :cs_ptc@ptc.com

#Customer Number :111
#Install Site No :9876543
```

2 licenses of InterComm EDACompare require 2 of each of these 8 features **plus** the InterComm feature (explained below).

1 license of InterComm EDAconduit requires 1 of each of these 3 features **plus** the InterComm feature (explained below).

3 licenses of InterComm Expert require 3 of this feature **plus** the InterComm feature (explained below).

```
***** Summary Table *****
```

| #FeatureName | Qty | Product | Release | Type | Expiration | Contract |
|--------------|-----|---------------------------------------|---------|---------|------------|----------|
| #225 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #226 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #227 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #228 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #229 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #230 | 2 | InterComm EDACompare - Full Version | 2.1 | Flt Opt | perm | 1A111111 |
| #243 | 2 | ICM CFG 4 | 5.1 | Flt Opt | perm | 1A111111 |
| #EDACOMPARE | 2 | InterComm EDACompare - Base | 2.1 | Flt Lic | perm | 1A111111 |
| #240 | 1 | ICM CFG 1 | 5.1 | Flt Opt | perm | 1A111111 |
| #249 | 1 | EDA Conduit for All | 2.0 | Flt Opt | perm | 1A111111 |
| #EDAconduit | 1 | EDAconduit Base License | 2.0 | Flt Lic | perm | 1A111111 |
| #237 | 3 | InterComm Expert - 1 Country Floating | 5.1 | Flt Opt | perm | 1A111111 |
| #InterComm | 6 | InterComm Base License | 5.1 | Flt Lic | perm | 1A111111 |

```
#-----
#START: License File for HOST ID AA-BB-CC-DD-EE-FF
#-----
```

You must have an InterComm Base License for each license of InterComm EDACompare, InterComm EDAconduit, and InterComm Expert.

```
SERVER __HOSTNAME__ PTC_HOSTID=AA-BB-CC-DD-EE-FF 7788
DAEMON ptc_d "C:\Program Files\flexlm\i486_nt\obj\ptc_d.
```

```
EDACOMPARE (InterComm EDACompare - Base)      2
EDAconduit (EDAconduit Base license)         +1
237 (InterComm Expert)                        +3
Total = InterComm (InterComm Base License) =   6
```

```
##### FLOATING Option #####
# Serviceable = InterComm EDACompare - Full Version
# Feature Name = 225
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACompare - Design
INCREMENT 225 ptc_d 2.1 perm 2 20F05070F2732ABF9B73 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
```

If this license file is for a node-locked license, a # symbol must be added to the beginning of these two lines.

```
##### FLOATING Option #####
# Serviceable = InterComm EDACompare - Full Version
# Feature Name = 226
# Feature Version = 2.1
```

```
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACmpare - Component
INCREMENT 226 ptc_d 2.1 perm 2 90B08010E3D59B00D768 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = InterComm EDACmpare - Full Version
# Feature Name = 227
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACmpare - Net Basic
INCREMENT 227 ptc_d 2.1 perm 2 5030103014FBF4D57B61 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = InterComm EDACmpare - Full Version
# Feature Name = 228
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACmpare - Net Advanced
INCREMENT 228 ptc_d 2.1 perm 2 40F060D0CD7D5DCEDF86 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = InterComm EDACmpare - Full Version
# Feature Name = 229
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACmpare - Pin
INCREMENT 229 ptc_d 2.1 perm 2 40F04070C65B169BEB0F \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = InterComm EDACmpare - Full Version
# Feature Name = 230
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm EDACmpare - Geometry
INCREMENT 230 ptc_d 2.1 perm 2 E0409030BC56DB358712 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = InterComm Expert - 1 Country Floating
# Feature Name = 237
# Feature Version = 5.1
# Number of Copies = 3
# Expiration Date = perm
# Module = InterComm Expert
INCREMENT 237 ptc_d 5.1 perm 3 8030E0E06E506B7508D3 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = ICM CFG 1
# Serviceable = InterComm Expert - 1 Country Floating
# Feature Name = 240
# Feature Version = 5.1
# Number of Copies = 1
# Expiration Date = perm
# Module = InterComm CFG 1
INCREMENT 240 ptc_d 5.1 perm 1 207060009046AD73EA2B \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = ICM CFG 4
# Serviceable = InterComm Expert - 1 Country Floating
# Feature Name = 243
# Feature Version = 5.1
```

```
# Number of Copies = 2
# Expiration Date = perm
# Module = InterComm CFG 4
INCREMENT 243 ptc_d 5.1 perm 2 A0A0E08039431360EC39 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING Option #####
# Serviceable = EDA Conduit for All
# Feature Name = 249
# Feature Version = 2.0
# Number of Copies = 1
# Expiration Date = perm
# Module = InterComm EDAconduit
INCREMENT 249 ptc_d 2.0 perm 1 20F05070F2732ABF9B73 \
  VENDOR_STRING="VSVER=2.0 LO=()" SUPERSEDE \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543"
##### FLOATING License #####
# Serviceable = InterComm EDACompare - Base
# Feature Name = EDACOMPARE
# Feature Version = 2.1
# Number of Copies = 2
# Expiration Date = perm
INCREMENT EDACOMPARE ptc_d 2.1 perm 2 \
  2010C070743860CE541E VENDOR_STRING="VSVER=2.0 LO=()" \
  SUPERSEDE vendor_info="VIVER=1.0 EXTERNAL_NAME=" \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543" SN=1A111111
##### FLOATING License #####
# Serviceable = InterComm EDAconduit for All
# Feature Name = EDACONDUIT
# Feature Version = 2.0
# Number of Copies = 1
# Expiration Date = perm
INCREMENT EDACOMPARE ptc_d 2.0 perm 1 \
  2010C070743860CE541E VENDOR_STRING="VSVER=2.0 LO=()" \
  SUPERSEDE vendor_info="VIVER=1.0 EXTERNAL_NAME=" \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543" SN=1A111111
##### FLOATING License #####
# Serviceable = InterComm Base License
# Feature Name = InterComm
# Feature Version = 5.1
# Number of Copies = 6
# Expiration Date = perm
INCREMENT InterComm ptc_d 5.1 perm 6 \
  70D0B02083F9EDF6B78B VENDOR_STRING="VSVER=2.0 LO=()" \
  SUPERSEDE vendor_info="VIVER=1.0 EXTERNAL_NAME=" \
  ISSUER=PTC-WEB-INSTALL ISSUED=14-dec-2005 \
  NOTICE="PTC, 9876543" SN=1A111111
#-----
#END: License File for HOST ID AA-BB-CC-DD-EE-FF
#-----
#-----
#END OF THE LICENSE PACK FOR REQUEST ID 12345678
#-----
```