MYRIAD 7.0 for Windows

README

This document contains all the product information and other important information. The following topics are included in this file:

Installing MYRIAD

We strongly recommend reviewing the installation instructions contained in the Administrator's Guide (AdminGuide.doc or AdminGuide.pdf), which can be found at the root level of the installation CD.

To install MYRIAD, insert the CD and click the Install MYRIAD button from the CD browser screen. Follow the on-screen installation instructions. You can also refer to the installation instructions contained in the Administrator's Guide. If you are installing a network copy of MYRIAD for client machines to run, see the **NetSetup** instructions in the Administrator's Guide. NetSetup is a utility that creates the necessary shortcuts, program folders, and registry keys on client machines just by running a small executable. It can even set up the PDF option for both local and network installations of Acrobat (with a PDF-enabled serial number only).

Note: There are a number of case studies and other brochures and marketing documents in PDF format in the **Demos and Testimonials** directory of the CD. If you would like Inventor format support and do not already have Design Tracking software installed, you can run **Setup.exe** from the Inventor directory of the MYRIAD CD to install Design Tracking before running this installation.

Supported File Formats

MYRIAD supports office documents, raster formats, 2D vector, and 3D formats. ProE support is available as an additional format option. The MYRIAD Browser Plug-in is an included option with all forms of MYRIAD. In order to use this plug-in, either Netscape or Internet Explorer is required to be installed on the client system. See the plug-in Readme located in your Browser Plug-in folder (e.g., C:\Program Files\IGC\Myriad\Browser Plug-In\Readme.rtf) for additional details.

Format	Extension
000PLT HPGL Plot File	000
3D Studio Model	3DS
Informative Graphics Secure 3D	3DF
906/907 Plot File	906/907
ACIS	SAT
Ami Draw	SDW
AMI Word Processing 1.x – 3.1	SAM
Anvil 5000 Preview	AXP
ASCII Text	TXT
AutoCAD Drawing (2D and 3D)	DWG
AutoCAD DXF	DXF
AutoCAD Web Format	DWF
AutoRender	STL
AutoShade Rendering	RND
Auto-trol Raster	DX
Auto-trol Vector	DG
CADKEY	PRT
CAD Overlay	RLC
CALS Group IV	CAL, CG4, GP4, MIL
CompuServe Graphics	GIF
Computer Graphics Metafile Group IV	CGM
Corel Presentations 7.0	SHW
DataEase	DQL
Dbase III, III+, IV, IV 1.0, V	DBF
DEC DX, WPS Plus	DEC
DisplayWrite	DCA
EDCARS	EDC
EDMICS	EDM
FAX CCITT Group 3 Fax	FAX
First Choice	PFS
FoxPro for Windows	DBF, FMT, DBT
Freelance Windows, OS/2	FLW, SHW, DRW, PRE
Framework III 1.0 - 1.1, IV	FWK, FW, FW2, FW3
GEM Paint	IMG
GSA Navy DIF	DIF
GTX Group III, IV	G3, G4
GTX Runlength	RNL
Harvard Graphics	HGS, SH3, SHW
Harvard Graphics DOS Chart/Present	HGS, CHT, CH3, PRS
HP CAD ME10	CMI, MI
HPGL Plot	PLT
HyperText Markup Language	HTM, HTML
IBM Display Write	DOC
IBM Picture Exchange	PIF
IBM Write Asst.	IWA
IGC Stream File	ISF

Initial Graphic Format Specification (2D and 3D)	IGS, VDA
Intel Fax Board	DCX
Intergraph Drawing	DGN
Intergraph Group IV	CIT
Intergraph Runlength	RLE
Inventor 2D and 3D	IPT, IAM, IDW
IronCAD	ICS
ISO 8613/CALS	ISO
JPEG Compressed Image	JPG, JPEG
JustWrite	JW
Kodak Photo CD	PCD
Legacy	-
Lotus	123, FM1, FM3
Lotus PIC	PIC
Macintosh PICT	PIC, PICT, PCT
Mac Works 2.0	-
Markup Symbol Library Format	SYM
Mass 11, PC version 8	MASS, M11
Micrografx Products	DRW
Microsoft Access	MDB
Microsoft Excel	XLS, WK1 – WK4, WKB
Micosoft Office Binder	-
Microsoft PowerPoint 2.0, 7.0	PPT
Microsoft Word	DOC, DOT
Microsoft WordPad	TXT, WRI
Microsoft Works	DOC, DBF, WPS, WDB
MultiMate Adv	DOX, MM
Multiplan 4	COL, COD
MYRIAD Markup Format	MRK
Nota Bene 3.0	NB
Novell Perfect Works	-
OfficeWriter	-
Orcad Design	DSN
Paradox; Paradox for Windows	Y0, X0, PX, DB
PC Paint	PCX
PKZIP	ZIP
Portable Document Format	PDF
Portable Network Graphic	PNG
PostScript	PS
Pro/Engineer	ASM, PRT *
Pro/Engineer Neutral	NEU *
Pro/Engineer Render	SLP
Professional Write & PLUS	PW, PWP
Q&A	DTF
QuatroPro 4.0 – 7.0	WB1, WB2, WKQ, WQ1
Raytheon G4	DIF
R:Base 5000	DBF
Rich Text Format	RTF
Samna Word IV & IV Plus	SAM, SM

Smart	SMT
SolidWorks Drawings and Assemblies (2D and 3D)	SLDDRW, SLDASM, SLDPRT
SolidEdge Drafts, Parts, and Assemblies	DFT, PAR, PSM, ASM
STEP	STEP
Stereolithography	STL
Sun Raster	RAS, RF
SuperCalc 5	CAL
Tagged Image File	TIF, TIFF
Targa Image	TGA
Volkswriter 3 & 4	VW
Virtual Reality Modeling Language	WRL
Wang PC	IWP
Wavesoft	MOT
Windows Bitmap	BMP
Windows Metafile	WM
Windows Write	WRI
WordMarc	WMC
WordPerfect 5.0 – 6.0	WPD, WPF, DOC, WP5, WP6
WordPerfect Graphic 1.0	WPG
WordStar; WordStar for Windows	WS, WST, WSD
WordStar 2000	WS2
WRL VRML World	WRL
XGL	XGL, ZGL

*Pro/E support available at additional charge

New Features in the 7.x Release

- Support for SolidWorks 2005
- Support for SolidEdge Version 16
- Support for Inventor Version 9 (when using Autodesk Design Tracking Version 9)
- Updated user interface, consolidated toolbars.
- Toolbars are now docked.
- New Turntable tool added.
- 2D and 3D Zoom In/Out tool added.
- Zoom Extents tool added.
- Publishing models to 3DF secure format with Visual Rights™.
- Changes to Simplified Toolbars.
- 2D Measure button added to the toolbar.
- Cross Section adjust view option now animates the view change.
- Support for IronCAD (.ics) files.

Feature Limitations in this Release

- The MYRIAD Browser Plug-in package requires Internet Explorer version 5.0 SP-2 or higher, or Netscape. Netscape 6.0 is not currently supported by the MYRIAD browser plug-in. However, subsequent versions (e.g. Netscape 6.1, 6.2, etc.) are supported.

- In order to install and use the Autodesk Design Tracking application (required for Inventor file support), you must be running Windows 2000, Windows XP, or Windows 2003 Server.

- If you are performing a network installation of MYRIAD, the machine used for the network copy must be running Windows 2000, Windows XP, or Windows 2003 Server in order for MYRIAD to function properly. See the License Management section of the Administrator's Guide for information and requirements of multi-user licenses.

- Installing more than one version of MYRIAD is not recommended or supported. You will not be able to install the evaluation plug-in if more than one version is installed, and your current plug-in may launch the evaluation version in your browser as the plug-in will use whichever version of MYRIAD was installed last. To reset this, run your current MYRIAD install (*setup.exe*) and select the Repair utility. If you also have PDF support, you will need to run the repair utility to reinstall the current version *myrpdf.api* in the Acrobat plug-ins folder.

- If Acrobat 5.0 is installed on the client machine and you are using MYRIAD on Windows 2000 to view PDF files, a program error message might be produced when closing the PDF file. This is a known limitation of Acrobat 5.0 and in no way impairs the ability to view PDF files using MYRIAD - or to create, save, and review annotations made to the PDF file using MYRIAD.

  This message can be suppressed by doing the following:
  1. From the Windows Menu Bar, select **Start>Run**.
  2. In the **Open** field enter "drwtsn32" and click **OK**.
  3. The **Dr. Watson for Windows 2000** dialog appears.
  4. Deselect the **Visual Notification** checkbox and click **OK**.

Limitations of Inventor Support:

[1] You will no longer be able to view Inventor files created prior to version 7.0.
[2] Users with Autodesk Design Tracking 8.0 can view Inventor 8 files. Users with Autodesk Design Tracking 9.0 can view Inventor 9 files, but cannot view version 8 files.

Known Problems/Issues:
Various problems such as toolbars displaying incorrectly, general stability problems, and print settings not saving across sessions of MYRIAD are indications that multiple versions of MYRIAD are installed on the same machine. Uninstall all versions and then reinstall the latest version of MYRIAD. **Any problems resulting from multiple versions of MYRIAD on one machine will not be addressed by Informative Graphics.**

If you are using Acrobat for PDF support through MYRIAD:

- When using markup tools affected by the Line Style and Thickness features on PDF files, you should use solid lines whenever the line thickness is greater than the smallest possible setting (the default). Acrobat shifts arrowheads, adds handles, or adds extra lines when using markup lines that are not solid (e.g., dashed or dotted) and are greater than the smallest line weight.

- For symbols to work with PDF, you must provide the absolute path to your symbol files in the [Symbol Libraries] section of the *Myriad32.ini* file, located in the main MYRIAD directory, and to the Myrdwg.dll and *Adinit.dat* files in the [Symbol Driver Options] section.

- Currently, only Times New Roman, Courier, and Symbol True Type Fonts are supported for printing

and burning-in markup text on PDF files. Any font can be used for viewing, but Times New Roman will be substituted at printing or burn-in. The Symbol font must not be bold or italic, though Courier and Times New Roman can be bold and\or italicized. **Note**: This is only an issue if you are using Acrobat as your PDF viewing tool.

- If you are using Acrobat 3.01, MYRIAD will convert all markup lines that are greater than the default line thickness to solid lines when printing or burning-in markups of PDF files. This is a temporary work-around for an Acrobat issue where Acrobat prints markup entities that have a line thickness greater than 0 (the default) and a line style other than solid (e.g., dashed or dotted) with handles or shifts arrowheads on non-PostScript printers.

- By default, Acrobat 3.01 only views or prints up to 10 PDF documents at a time. This may cause a "Draw Error" in MYRIAD if you try to view or print more than 10 PDF documents. To increase this setting, open ACROEXCH.INI, located in the main Windows directory, and increase the MaxOpenDocuments setting to the number of documents you require.

Troubleshooting

If MYRIAD exhibits some strange behavior, or does not launch after the initial splash screen displays, first try deleting your *myruser.ini* (startup), *myruser.tbr* (toolbar), and *myruser.plg* (plug-in) files from your Windows user-profile directory. The location of these files is usually as follows, though it can vary depending on your setup:
>For Windows 2000 or Windows XP
>>Documents and Settings\<username>\Application Data\IGC

For example, if your Windows login for that session is JDoe, MYRIAD will create a settings file in your Windows (or equivalent) directory called *myrjdoe700.ini*, and *myrjdoe700.tbr*. 700 is the current version number. Delete these files and try running MYRIAD again to see if the problem(s) persists. This will reset MYRIAD to use all default settings and toolbar locations. You may also want to delete your default document stack file (*username.dsf*), located in your TEMP (or equivalent) directory. Using our previous example of Jdoe, this file would be *jdoe.dsf*.

Automatic File Recognition
What it does:
When MYRIAD tries to load a file with no extension or an undocumented extension (an extension which is not listed in **myrdrv.ini**), MYRIAD will try to determine what file format it is.

How it works:
MYRIAD reads a section of data from the beginning or header of the file, and then performs a series of pattern-matching tests on the data. Each test has an extension and a confidence level associated with it. If more than one test matches, the format extension used will be the one associated with the highest confidence test. If none of the tests succeeds, the standard MYRIAD "Unrecognized Extension" dialog will appear.

How to Configure Tests:

The *Autorecognize tests.txt* file contains a series of test entries in the format shown below (no spaces are required):

Format: Test*number*=*extension*, *start search offset*, *stop search offset*, **"***search string***"**, *confidence*
example: Test1=xyz,32,64,"\22XYZ\22\2CVersion 4.0",100

number =   A number that differentiates the test from other tests. The tests will be performed in numerical order. Putting tests with 100 confidence at the beginning of the list will optimize performance. See *confidence* below.

start search offset =   The offset, from the beginning of the file, to start searching for the *search string*.

stop search offset =   The offset, from the beginning of the file, to stop searching for the *search string*. If you want to search only at one spot, set the start and stop offsets to the same number.

search string =   A double quoted string, or byte pattern, to search for. The string is case sensitive and may not contain a double quote ("), a comma (,), a backslash (\), or any non-printable character. To represent these values, use hexadecimal notation with no leading or following spaces. For example:
        a comma = \2C
        a double quote = \22
        a backslash = \5C
        the number 13 = \0D

So, if you want to represent:
        "XYZ",Version 4.0
You need to enter:
        \22XYZ\22\2CVersion 4.0

confidence =   A rating from 1 to 100. The number represents the likelihood that success of the test indicates the truth of the format for the file. If more than one test succeeds, then the test with the highest confidence will be the deciding test. If the confidence level is 100, MYRIAD will stop testing and go with that answer. Therefore, putting tests with 100 confidence at the beginning of the list will optimize performance.

Additional Options:
In the MYRIAD32.INI and MYRUSER.INI file, there is a section called **[Auto-Recognize File Format Options]**. If the *Enable AutoRecognize* parameter is set to **TRUE**, MYRIAD will ask the user if they want to load the file using the detected format or pick a different format themselves. The default for this key is **FALSE**. You can control this toggle through the Open dialog of the MYRIAD GUI. When the Auto Recognition checkbox is enabled, the setting is TRUE in the INI file.

Auto Recognition support limitations:
The following file formats are not supported with the Auto-Recognize file format option. In some instances, you will need to select these file types from the Unrecognized File Extension list box to open the files.

Type:	**Extension**:
SolidWorks Drawings and Assemblies (2D & 3D)	SLDDRW, SLDASM, SLDPRT
SolidEdge Drafts, Parts, and Assemblies	ASM, DFT, PAR, PSM
Inventor 2D and 3D	IAM, IDW, IPT
Pro/Engineer (Neutral and Render)	ASM, PRT, NEU, SLP
STEP	STEP

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