



PTC Product Focus: A) [Accelerating Electromechanical Design Collaboration](#)

B) [ERP Connector](#)

Tips of the Month: A) [Using Your System True Type Fonts in Pro/Detail](#)

B) [Using Both Pro/ENGINEER Wildfire 3.0 and 4.0 w/out Corrupting Local Cache](#)

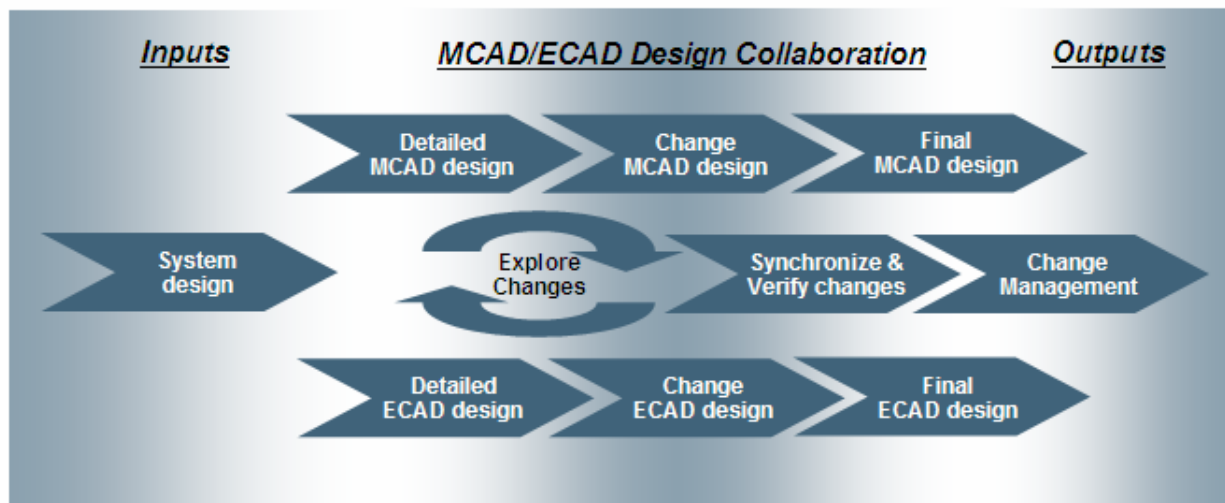
Announcements: [Most Recent Announcements](#)

Upcoming Events & Training Schedule: [Events & Training Schedule](#)

PTC Product Focus

Accelerating Electromechanical Design Collaboration

In today's competitive market, ECAD and MCAD teams must work together seamlessly in order to get winning products to market faster. Traditional collaboration methods are no longer suitable. When design changes impact both ECAD and MCAD designs, more efficient tools are required to improve communication of design changes and proposals within each discipline's established comfort zone. The Pro/ENGINEER ECAD-MCAD Collaboration Extension (ECX) gives you the industry's most advanced capabilities to help you optimize your electromechanical detailed design process.

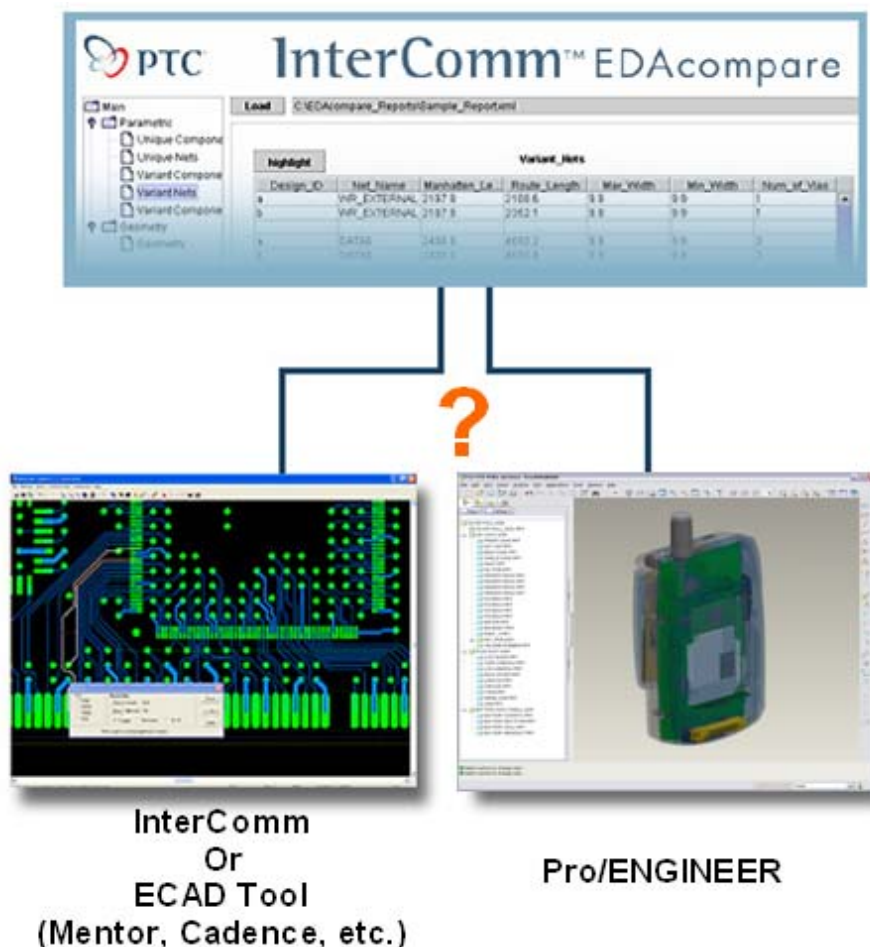


Key Benefits

- Next generation technology to enhance today's IDF-based flows to identify changes and collaborate on incremental changes to speed up the process

- Enable mechanical and electrical engineers to communicate more frequently and with less disruption
- Identify and manage unforeseen consequences of a change across disciplines earlier to reduce late-stage changes
- Enable mechanical engineers to better understand impact on electrical engineers, before they propose a change.
- Communicate design changes faster with the ability to show incremental changes and cross-highlight between MCAD and ECAD models
- Propose, accept, or reject changes synchronously or asynchronously

Pro/ENGINEER ECX derives its cutting-edge capabilities from the standards proposed by the ProSTEP iViP Association's ECAD/MCAD Collaboration Project Group. The proposal includes a data model and protocol developed with some of the leading ECAD software providers and global manufacturers confronting the challenges of cross-discipline collaboration. This innovative approach has been validated by leading companies in the industry and is designed to interact with the other design tools used in your product development process as the standard is adopted.



Automatically identify changes between the MCAD and ECAD versions of a board design

- ⚙ Did ECAD move a mounting hole?
- ⚙ Did MCAD change a height restriction?

Enable associative interface between MCAD and ECAD to resolve problems

- ⚙ Collaborate in real-time
- ⚙ Accept / decline changes in design tool

Leverages the following PTC technologies:

- ⚙ Pro/ENGINEER
- ⚙ InterComm / InterComm EDCompare
- ⚙ Windchill (optional)

To learn more and download collateral, click [here](#).

Also you can attend a special ECAD/MCAD Co-Design Webcast Event to see it in action and get access to subject matter experts. You can register for the next event [here](#).

[Back To Top](#)

PTC Product Focus

ERP Connector

[Click Here To View](#)

[Back To Top](#)

Tips of the Month

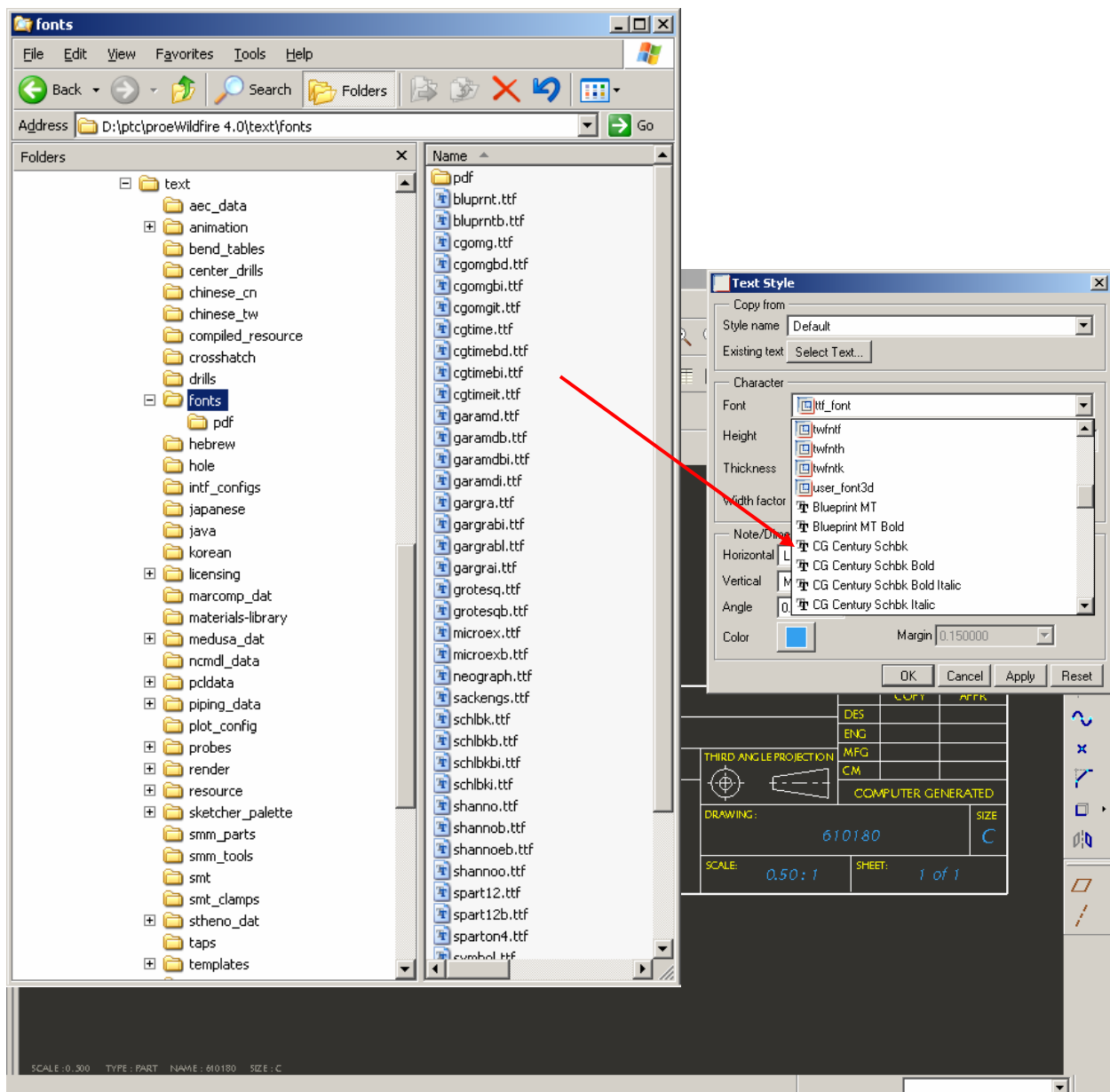
Using Your System True Type Fonts in Pro/Detail

Pro/ENGINEER comes w/ its own fonts allowing you to change the appearance of your text.

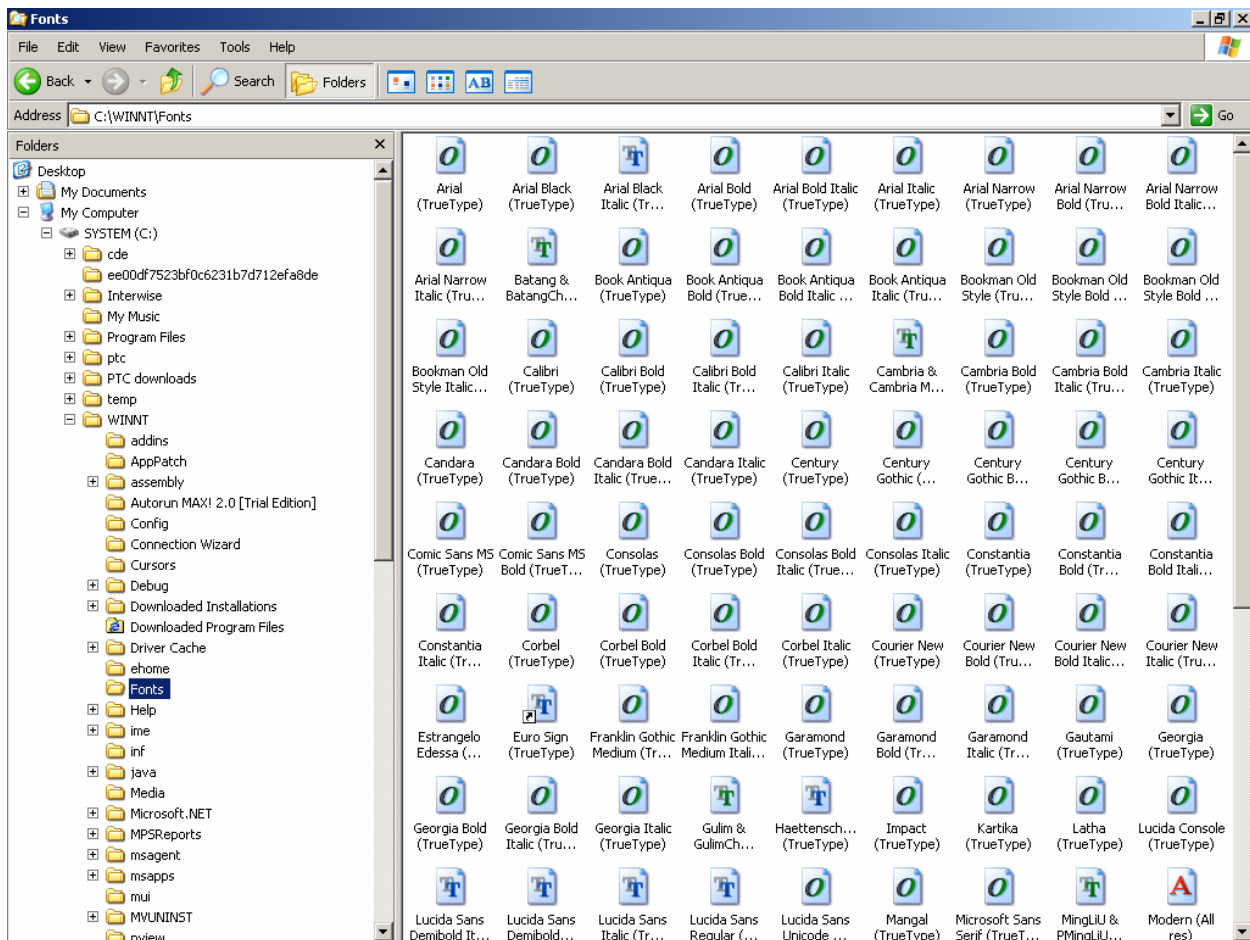
Either by default or by modifying existing text, when you:

select **Text Style** after you highlight the text and do a Right-Mouse Button pull-down
or go **Format** → **Text Style** from the top menu pull-down

to access the fonts located in your <Pro/ENGINEER loadpoint>/text/fonts directory.



However, what if you wanted to use the True Type fonts already installed on your system?

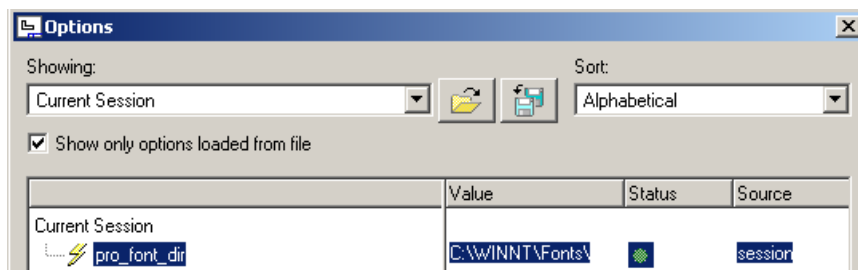


There are several ways of doing this but I'll focus on just two.

1. You can pick and choose the fonts you want to use from your system install (on my system it is **C:\WINNT\fonts**) and copy them over to your **<Pro/ENGINEER loadpoint>\text\fonts** (on my system it is **D:\ptc\proeWildfire 4.0\text\fonts**) directory
2. or use the **pro_font_dir** config.pro option and point it to your system font directory

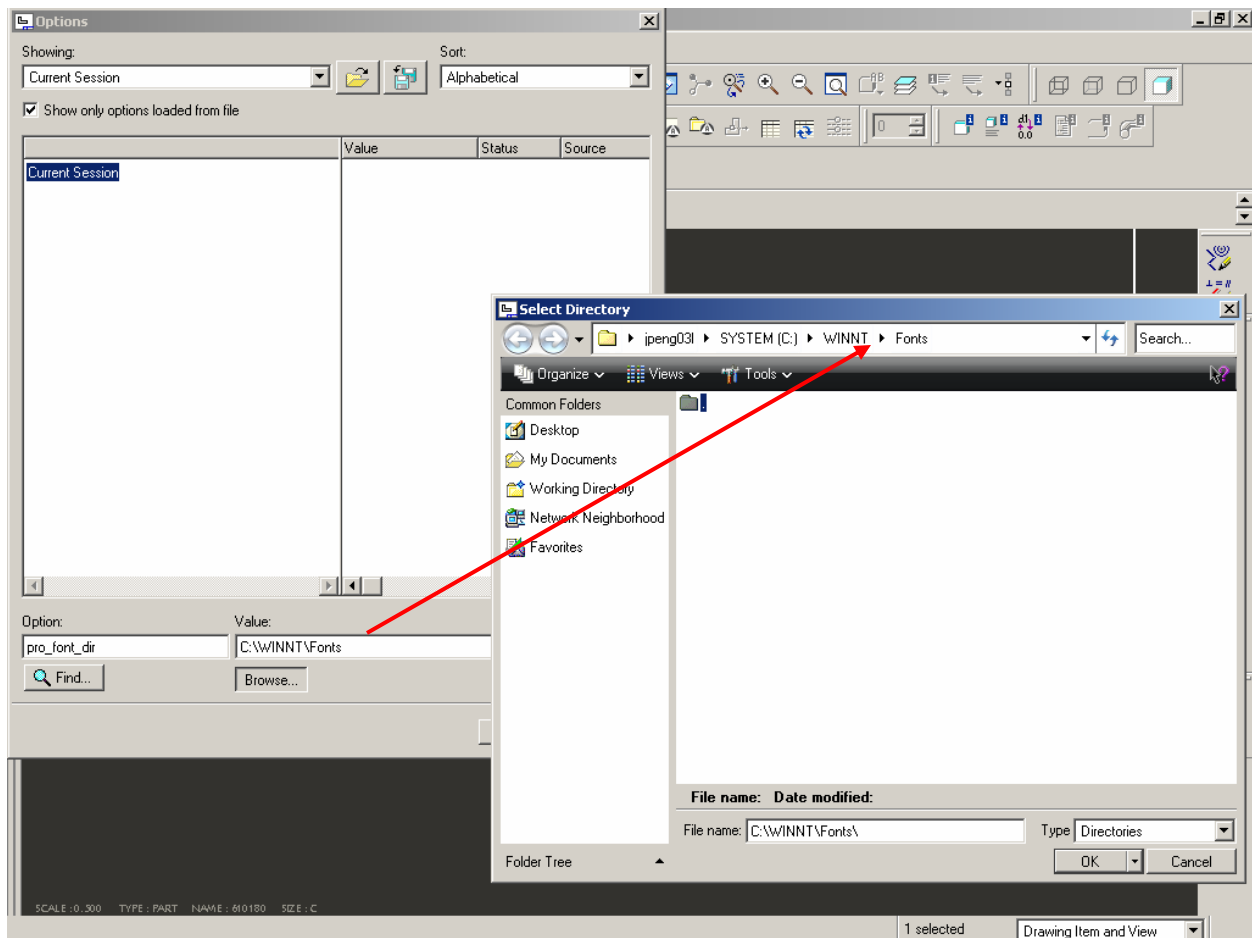
To set your config.pro option, go under **Tools → Options** to bring up your current config.pro settings.

The option is **pro_font_dir** and its value can either be set manually or you can hit the **Browse...** button to navigate directly to the system install location.

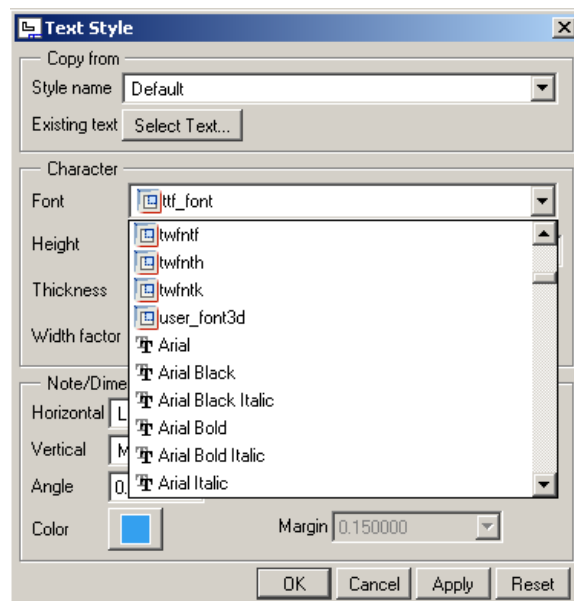


Make sure you hit the **Add / Change** button to add it to your config.pro file and **Apply** to enable it for your current session.



And to avoid doing this every time you launch a new session of Pro/ENGINEER, don't forget to **Save** this change to your config.pro file.

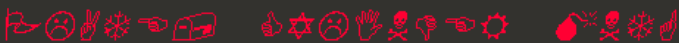




Once done, when you go back into your drawing and select **Font** in the **Text Style** pull-down list, you will have access to all your system fonts.



So now if you truly want to see your text in Wingdings format, you can!

DESCRIPTION: <i>PLATE, CYLINDER MNTG</i>				DES	
PART NAME: <i>610180</i>				ENG	
DRAWN: <i>Dave</i>	DATE:	CHECKED:	DATE:	THIRD ANGLE PROJECTION	MFG
 PTC 140 Kendrick St, Needham, MA 02494					CM
				COMPU	
				DRAWING: <i>610180</i>	
SCALE: <i>0.50 : 1</i>				SHEET:	

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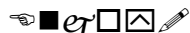
Note

Keep in mind though that if the target machine opening the drawing does not have such a font that the authoring system had or does not have their config set to point to their system fonts dir, then the font will embed such that notes will appear correct, but new notes cannot be created with that font unless made available to Pro/ENGINEER.

Now if you want to create your own custom text fonts, using your PTC Tech Support Account ID and password, you can access the following tip from the PTC Knowledge Base:

[Suggested Technique For Creating Custom Text Fonts](#)

If you don't have an account and would like to set one up, click [here](#) to sign-up. There's also a [5 minute video](#) that shows you how to do this as well.



[Back To Top](#)

Tips of the Month

Using Both Pro/ENGINEER Wildfire 3.0 and 4.0 w/out Corrupting Local Cache

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[Back To Top](#)

Announcements

Educational Resource Library

Learn things you always wanted to do - but didn't know you could.

This one stop educational resource library will help you learn more about PTC Solutions and provide you with technical materials developed by the product experts to help you become more productive.

Get tutorials, how-to videos and expert advice for:

- Pro/ENGINEER
 - Conceptual and Industrial Design
 - Detailed Design
 - Simulation/Analysis
 - Production
 - Design Collaboration
- Windchill PDMLink
- Windchill ProjectLink
- Pro/INTRALINK
- PTC Online Tools

Check out the [Educational Resource Library](#) today.

PTC Tips & Techniques Newsletter Archives

Miss an issue! Can't find that awesome technique you read about? Fear not, you can click on the link below and go through our Customer PTC E-Newsletter archives.

[Click Here To Access](#)

It's better than finding the Ark of the Covenant!

PTC Tips & Techniques Webcasts: Work Smarter. Not Harder.

Click below to see regularly scheduled Tips & Techniques technical Webcasts that are designed to provide you with the most popular time-saving tricks that Pro/ENGINEER users of all skill levels will find useful. Get more out of your maintenance dollars!

[Tips & Techniques: Work Smarter Not Harder!](#)

E-PROFILES IS HERE!!

We have been eagerly anticipating the debut of the new electronic version of Profiles Magazine and now it is here! This new web site will supplement the print edition of the magazine and will

provide new useful features not feasible with paper media. e-Profiles will provide you with 24x7, worldwide access to key information previously available exclusively in the print version. "Tips & Tricks," a popular feature pioneered by Pro/USER, has also moved to the web and will be expanded as the site matures.

Please take a few minutes to check out this new web site. We don't think you will be disappointed.

<http://profilesmagazine.com/>

[Back To Top](#)

Upcoming Events & Training Class Schedules

Upcoming, 2008 Your local Pro/Engineer User Groups
<http://www.ptcuser.org/rugs/>

June 1 – 4, 2008 Long Beach, CA USA
PTC/USER World Event
<http://www.ptcuser.org/>

Events

Our seminars and conferences seek to provide you with relevant information regarding product development trends in your industry as well as innovative software learning experiences. Think of them as a constructive day off where you can share experiences and swap ideas with your peers.

If you can't manage to get away, we'll bring it to you. Check back often for regularly scheduled live webcast events.

[You're Invited to Attend...](#)

Please visit the [PTC Education Services](#) website for the latest training information including course descriptions, schedules, locations, and pricing.

- Attend a course at any PTC Center and receive a **free** copy of Pro/ENGINEER Wildfire Student Edition!

<http://www.ptc.com/services/edserv/index.htm>

Live Instructor-Lead Virtual PTC Training Courses

Virtual Classrooms provide interactive learning with a trained PTC instructor in convenient and manageable sessions that last approximately 4 hours over a series of days. It's easy to join a class right from your desk using a phone or voice-over IP technology.

Sessions are performed just like a traditional ILT (including interactive exercises where you and the instructor can work on lab exercises together) and feature some of our most popular ILT courses. These sessions cover the exact same material as the traditional ILT in-center courses. Also look for some of our most frequently requested mini-topics delivered in the same format that are only an hour - two hours in duration.

If you have any questions about these sessions or would like to see getting other courses, not on this list, on the schedule please feel free to contact me for more details. They are a great way to bring training to you without you having to worry about location or being out from work for long stretches.

You can register for these sessions just as you would for any normal ILT class either by:

1. calling order admin at <http://www.ptc.com/services/edserv/training/registra.htm> or
2. you can go to PTC University directly at <http://www.ptc.com/learning> and submit a registration request directly. All you have to do is search the catalog by typing in “virtual” in the search field and you will see a listing.

PTC

Note: This PTC E-Newsletter will continue to be used for the following:

- 1) Inform you on events related to PTC products (user groups, conferences, training schedules, etc.)
- 2) Educate you on solutions that are available at PTC
- 3) Tips & Techniques using PTC Products

Note: These messages are compiled in the local PTC office and will be distributed via e-mail.

[Back To Top](#)