

# PTC MKS Toolkit 10.0 and PTC X/Server 10 have Released!

October 15, 2015

## Ease integration of UNIX, Linux and Windows-based computers with PTC MKS Toolkit products, and easily accomplish all your UNIX/Windows OS Integration Tasks with PTC X/Server!

With PTC MKS Toolkit as the leader in UNIX to Windows scripting, connectivity, and application migration, and PTC X/Server as a high-performance, transparent PC X server that delivers seamless integration between the Windows desktop and the UNIX/Linux – together they improve performance and support the latest standards while maximizing application compatibility and minimizing the need for specialized configurations.

The following new features, fixes, and enhancements are now available with PTC MKS Toolkit 10.0 and PTC X/Server 10.0 releases:

- **Full Windows 10 Compatibility** - Official releases for compatibility with Microsoft Windows 10
- **Microsoft Visual Studio 2015 Support** - Compatible with the final release versions of Microsoft Visual Studio 2015 and Microsoft Visual C++ 2015 Express (also known as Visual C++ 14.0 Express)
  - An updated version of the *UNIX to Windows Porting Guide* with instructions on using the Visual Studio 2015 and Visual C++ 2015 Express IDEs is included
- **X11 Support Upgraded**
  - *For PTC MKS Toolkit.* The X11 client libraries and utilities were upgraded to X11R7.7 to pick up numerous bug fixes and also to pick up fixes for the problems noted in this [X.Org security advisory](#)
  - *For PTC X/Server.* Upgraded server to X11R7.5 in an effort to provide more compatibility with more modern clients. Several new extensions are now available, including COMPOSITE and DAMAGE. Numerous extensions have been upgraded by this work, and in addition, several obsolete extensions have been dropped, including LBX, XIE and MIT-Misc. Further X11 upgrades are intended in subsequent releases
- **New Firewall Configuration** - The installer configuration for the firewall has changed, and settings which appear in the installer dialogs will only apply to the "Private" and "Domain" profiles. Firewall rules are also added to block all connections to Toolkit or X/Server services when using a "Public" profile (such as in a coffee shop or airport). If you wish to unblock ports while using a "Public" profile, you will need to use the Windows Firewall configuration tools to adjust the rules as required
- **OpenSSL Updated to Version 1.0.1p for PTC MKS Toolkit** - OpenSSL in both the NuTCRACKER platform and the utilities are updated to 1.0.1p

### For both releases, the following items have been removed or deprecated:

- **Itanium binaries removed** – These releases no longer deliver Itanium native binaries. You will need to uninstall Itanium versions and install the 32 bit Windows version as you will not be able to upgrade from a previous version
- **Old versions of Windows deprecated** - Windows Server 2003 continues to work in these releases but there is no guarantee that it will work in future versions. You may continue to use this version and its patches on Windows 2003 until 10.0 reaches end of life at which point we can no longer guarantee that newer versions will work as APIs that are not present in Windows 2003 may well be used
- **Windows XP support dropped** – We can no longer guarantee that these releases will operate on Windows XP (both 32 and 64-bit editions). If you contact Technical Support with an issue related

to Windows XP, we will ask you to verify that the problem exists on a later operating system before being able to help you. No testing was performed on Windows XP and future releases may well use capabilities of later versions of Windows that are not compatible with Windows XP

- **VIW Visual Studio addin dropped** – The VIW Visual Studio addin was removed from these products
- **PTC X/Server Only Auserver deprecated** – with the X/Server 10 release, support for the audio server (auserver) has been moved to an optional install, and the binary may be removed from the installer in a future release

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### Ready to Get it Now?

If you have a Support contract, [update today](#) to PTC MKS Toolkit 10 & X/Server 10!

### Has your Support Expired?

[Request to Reactivate](#) your Support and gain access to the latest software releases!

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- [Click here](#) for full MKS Toolkit 10.0 release notes
  - [Click here](#) for full X/Server 10.0 release notes
  - [Fixed issues](#)

**Technical Support Notice:** *The process for contacting Technical Support is changing. You may contact PTC Technical Support in the same way as all other PTC products and take advantage of all that the PTC eSupport Portal has to offer. Please visit <http://support.ptc.com> for more information about contact phone numbers, web forms for problem submission and access to the knowledgebase.*