PTC announces the releases of PTC Implementer v12.5 Change Management for IBM i™ is now Shipping!

PTC Implementer is the premier software configuration management and deployment solution for IBM i. Utilizing host-based and graphical user interfaces, Implementer provides the simplicity necessary for first time users, and the breadth and depth for more advanced users.

With Implementer, you receive a secure, scalable and flexible solution to protect your production, development, and testing environments on IBM i servers.

- **Developer Workbench** — an intuitive environment to make host-based development faster
- **Parallel/Concurrent Development** — ensures proper controls over initiating and approving changes from multiple developers
- **Packaged Applications** — integrate and adapt seamlessly to dozens of the most popular applications packages in the market
- **Database Support** — latest features of both SQL and DDS-based files are supported
- **Developer Tools** — integrate and adapt to dozens of the most popular IBM i host-based and client-based development tools
- **Compiling** — ensures the accuracy of compiled objects by retaining the creation command from the last compile
- **Secure Promotion Technology** — prevents unauthorized access to critical functionality
- **IBM Rational Developer** — rovides developers with seamless, familiar access to the most common Implementer functiponality
- **Impact Analysis** — promotion/deployment scanners ensure all impacted product objects are analyzed and recompiled

Highlights of Implementer 12.5

At PTC, we take software security very seriously; regularly we hear about a company attacked by ransomware or general malware. And at what cost in money, productivity and reputation? Now an IBM i is much more securable than your average server, until you start to open TCP ports and expose services to your network. This is starting to occur more and more: e.g., Implementer Server uses Tomcat (configured to open only 2 ports) and as such PTC ensures that Tomcat and libraries used are up to date at each release.

As part of a normal pre-release audit, we enumerate all third-party libraries and tools. The audit discovered that PTC Implementer had some out-of-date libraries with some known (but not relevant) vulnerabilities. In all cases we, out of an abundance of caution, decided to update the software to the most recent versions with the most recent patches. In many cases, as the software was integrated, it was discovered that the vulnerability probably did not apply.

We have a process in place to enumerate all third-party software included in each release, including their versions and this list is scanned regularly and proactively for known vulnerabilities and each product using the code is checked to see if the vulnerability is relevant and if so, a patch will be released. Further all developers take training in best practices and modern techniques (including code and design reviews) do reduce the attack vectors.

As part of the pre-release 3rd party software enumeration, we also validate that all licenses that cover such software are sure to keep intellectual property safe, both ours and yours.

- Implementer 12.5 Implementer 12.5 requires IBM i 7.3 TR5+ or 7.4 along with International Components for Unicode (5770- SS1) licensed product
- Third party java libraries used in the Implementer Server have been updated to more current, secured versions
- Tomcat Server within the Implementer Server has been upgraded to 8.5.65
- Fixes and enhancements to the Implementer RDi plug-in
- Several 2E CM fixes
- Joblog cleanup
- Plus, much more

You can download the upgrade using Implementer Update. The latest version of Implementer Update can be found on the eSupport Portal — Download Software under product Implementer.

The Release Notes and all documentation for Implementer 12.5 can also be found on the eSupport Portal under the Browse Documentation button.