New functions for the rebranded embedded product from Wibu-Systems

New CodeMeter Embedded Driver 1.7, designed specifically for embedded systems protection

Karlsruhe, Germany – Wibu-Systems, a leading provider of know-how protection and industrial security against counterfeiting and tampering, has released the new CodeMeter Embedded Driver 1.7 for protecting embedded systems, programmable logic controllers (PLC) and industrial PCs. As know-how is nestled more and more within device software, manufacturers can protect their IP with CodeMeter®, a comprehensive solution against reverse-engineering that licenses and signs the program code, thus securing their competitive advantage.

The previous version, CodeMeter Compact Driver 1.6, has been fully overhauled, and the new version rebranded under the name of CodeMeter Embedded Driver 1.7, is ready for commercialization with many innovations.

The new CodeMeter Embedded Driver replaces CodeMeter Runtime on Windows CE. This driver is available for Linux, VxWorks, Windows, Android and QNX, as well as for different ARM, x86 and PowerPC platforms. Depending on the support platform, the hardware manufacturer can select the Human Interface Device (HID) or Mass Storage mode to communicate via USB with his CmSticks, the USB dongles where the encryption key and the license are stored. The CmCard form factors (SD, µSD, CF, CFast memory and security cards), that are still part of the broad range of CmDongles hardware devices, work over the file I/O interface. In addition, CodeMeter supports the Secure Disk standard, which makes it possible to read and write API-based data, without the drive being enumerated by the operating system. In VxWorks 7.0, CodeMeter is integrated by default within Basic Security functionalities.

The technology for the activation of specific functions, licensing and protection is in principle identical to the one that characterizes our CmDongles, whether it is a smart card based USB dongle or a µSD card, or even a software-based vessel (CmActLicense) where the license is bound to a digital fingerprint of the target system.

The protection functions that characterize CodeMeter Embedded Driver are vital for connected control systems in Industry 4.0, but also for machine-to-machine (M2M) and Internet of Things (IoT) applications.

Oliver Winzenried, CEO and founder of Wibu-Systems, explains: "Under VxWorks and Linux manufacturers can use our ExProtector in addition to CodeMeter Embedded Driver. By integrating this encryption tool directly into the loader of the operating system, we provide a comprehensive protection solution, including secure boot for embedded systems."

Product Logo: Manufacturers will soon be able to protect, license and sign their embedded software license with the new CodeMeter Embedded Driver 1.7

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25 years of Perfection in Protection, Licensing and Security

WIBU-SYSTEMS AG (WIBU®), a privately held company founded by Oliver Winzenried and Marcellus Buchheit in 1989, is an innovative security technology leader in the global software licensing market.

Wibu-Systems' comprehensive and award winning solutions offer unique and internationally patented processes for protection, licensing and security of digital assets and know-how to software publishers and industrial manufacturers who distribute their applications through PC-, embedded-, mobile- and cloud-based models.

Media graphic resources available at: http://www.wibu.com/photo-gallery.html