



Press Release – 21 February 2019

CodeMeter Certificate Vault takes the hassle out of using certificates

Wibu-Systems opens the vault at Embedded World

Karlsruhe, Germany – Wibu-Systems is set to revolutionize the use of certificates with CodeMeter Certificate Vault, the innovative certificate management tool to be introduced at Embedded World 2019 in Nuremberg. The PKCS#11 compliant token provider is designed to work perfectly with Microsoft's Cryptographic API Next Generation (CNG) or OpenSSL API to make it easier for users to administer the security of identities, digital signatures, emails, or VPNs with strong authentication mechanisms.

There is one hard and fast rule in certificate management: To get a certificate, a user first creates a pair of a public and a private key. The private key that is used to create the certificate request must never leave its secure home. The request would be checked by a Certification Authority, which produces and signs the new certificate for the user to load back into his or her certificate storage.

The all-new CodeMeter Certificate Vault rises above this fundamental paradigm: The entire process of creating a certificate remains with the Certification Authority, be it an external or a company's in-house provider, but the creation of the key pair is simplified. The resulting certificate and the private key is packaged up in a specially protected file and sent to the user for loading onto a secure dongle. Without the need for users to create and hold cryptographic keys every time they need a new certificate, distributing certificates becomes just as straightforward as delivering passwords or licenses.

CodeMeter Certificate Vault makes this possible by using WibuCmRaU files to import keys and certificates. The key pair normally generated by the requesting user is created entirely within CodeMeter License

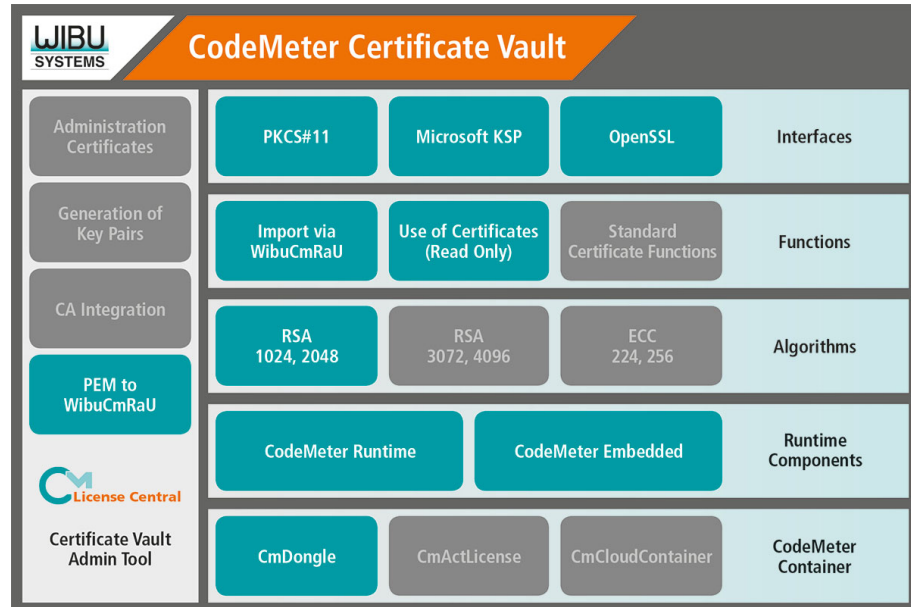


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Central, Wibu-Systems' popular license lifecycle management tool. It places the certificate in an encrypted update file, encrypted with a unique key of the target user's container. Version 1.0 of the new system works with the most secure license container there is: A CmDongle with integrated smart card chip. In this securest of environments, the file is decrypted and the certificate ready for use. The user can trust the entire operation to his or her certification authority, which could even automate the certificate creation process in their existing CA solution via SOAP.

Wibu-Systems will be out in force at the next edition of Embedded World, Nuremberg, Germany, February 26 to 28, where CodeMeter Certificate Vault will be one of the star features at the company's exhibit (hall 4, booth 360).

Marco Blume, Product / R&D Manager Embedded of Wibu-Systems, sees the sea-changing potential of the new technology: "Certificates are one of the backbones of security in our digital world, but the simple lack of convenience has meant that they are not used as universally as they ought to – until now. CodeMeter Certificate Vault gives certificates the same ease-of-use that the users of our CodeMeter license management technology know and love."



Wibu-Systems bridges the know-how protection and authentication worlds with CodeMeter Certificate Vault.

About Wibu-Systems

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Wibu-Systems, 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 intelligent device manufacturers who distribute their applications through PC-, PLC, embedded-, mobile- and cloud-based models.



Media graphic resources available at: <https://www.wibu.com/photo-gallery.html>

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