

Press Release – 28 March 2017

CmStick/CM, the secure, classy, and robust unit for software protection

Hannover Messe: Wibu-Systems introduces the world's smallest dongle with flash memory

Karlsruhe, Germany – After almost three decades as a global leader in software protection against counterfeiting, reverse engineering, and tampering, Wibu-Systems keeps surprising the market with technological innovations year after year. CmStick/CM, the newcomer to CodeMeter's hardware element family for secure key storage, comes in a futuristic design that is not just elegant, slim, and ultra-compact in size, but also the outcome of a totally new way of creating robust USB devices made to stand up to even demanding industrial environments.

This new dongle adds to a complete hardware product lineup that already includes compact dongles without flash memory, standard-size dongles with flash memory, memory cards, and ASICs. The new CmStick/CM combines the security capabilities and additional features of all the above form factors in a sturdy metal housing that is fully integrated with the USB connector.

The main highlight features of CmStick/CM include:

- USB 3.1 interface, which comes in handy for heavy-weight data exchange between the flash memory and the computer the unit is plugged into
- High speed flash storage memory (initially 8 GB, larger capacities in development), based on 2 Bit Multi-Level Cell (MLC) technology
- Infineon SLM97 smart card chip to fuel the full power of CodeMeter

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- Hyperstone U9 flash controller and its patented hmap[®] firmware to meet the most stringent industrial requirements in terms of durability, reliability, and protection against data loss from memory in the event of power outages during writing
- An optional encrypted partition of the flash memory (CmSecureDisk) where software produced data or machine configuration data can be securely read and written after successful authentication via CodeMeter API

However, the greatest revolutionary concept that makes CmStick/CM stand out as the smallest dongle with flash memory in the world is its high-tech manufacturing technology called SiP (System in Package). The power of SiP technology lies in its ability to bring together many IC and package assembly and testing techniques to create highly integrated products with optimized cost, size, and performance. This cutting-edge module creates a seamless union between the USB connector and the body of the dongle; the connector is no longer subject to bending, vibration, humidity, or temperature shocks; it is part of the housing itself, which makes the stick highly recommended for rugged industrial contexts. For complete customer satisfaction, the metal case can be personalized with the client's logo. Thanks to its highly automated production, the CmStick/CM also offers an unbeatable price/performance ratio.

Samples of CmStick/CM will be available at Hannover Messe, where Wibu-Systems is exhibiting in hall 8, booth D05. Oliver Winzenried, CEO and founder of Wibu-Systems, had this say: "Our company leverages cybersecurity to help reshape the Industrie 4.0 driven economy and accompany intelligent device manufacturers on their journey from machine vendors to solution providers. Security is agnostic to vertical markets and an essential layer of all connected cyber-physical systems in automation, medical devices, facility

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management, logistics, automotive, and small office or home environments. Hardware secure elements have to be available in all shapes and sizes to match the extreme diversity of possible endpoints. This is our thinking behind taking CodeMeter into a new hardware territory.”



Wibu-Systems' CmStick/CM, the secure, elegant, and robust unit for software protection

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



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