



**Solid protection –
today, tomorrow, always**

**SECURITY
LICENSING
PERFECTION IN PROTECTION**

WIBU
SYSTEMS

OLIVER WINZENRIED

"From license abuse to activation-code hacks: software and product piracy damages are on the upswing. Our products provide you with effective protection against all of these attacks."



More than 30 years of technology excellence

BY ENGINEERS FOR ENGINEERS

Since it was founded in 1989 by engineers Oliver Winzenried and Marcellus Buchheit, Wibu-Systems has delivered technology excellence and a user-friendly experience for the protection, licensing and security of software, documents, and data. Driven by product innovation and business continuity, over the years the company has exclusively focused on creating hardware and software tools that safeguard the intellectual property of digital assets. True to its core mission and steadfast to its ethical values, Wibu-Systems has also preserved financial independence and still remains a privately owned company. From its roots as a manufacturer of hardware-based software protection devices ("dongles"), Wibu-Systems has emerged as one of the world's leading vendors offering a full range of state-of-the-art solutions for Independent Software Vendors (ISVs) and Original Equipment Manufacturers (OEMs).

Our ever-expanding vision

At Wibu-Systems, we take our entrepreneurial role seriously: not only do we meet the highest production quality standards possible and nurture our partner ecosystem, but we also give voice to our employees, show integrity towards our customers and respect for our suppliers. Moved to leave a lasting legacy, we also invest in qualified education, training and youth activities.

Piracy, hacking, and cyber-attacks rob companies of jobs, revenues and opportunities. Our dedication to stop software and product know-how counterfeiting and reinstate fair trade will help reignite global economies.

MARCELLUS BUCHHEIT

"Customer satisfaction begins with innovation and ends with quality. We use this know-how for the benefit of our many partners worldwide."

PERFECTION IN PROTECTION, LICENSING AND SECURITY

Today, Wibu-Systems is a global specialist in:

- **Protection:** Protection of the digital intellectual property associated with software, firmware, and sensitive data as well as of the technical know-how of physical products against piracy, counterfeiting, and reverse engineering through a proprietary and skilled use of symmetric and asymmetric encryption algorithms.
- **Licensing:** Flexible and intuitive license and entitlement management to create, manage, deliver, and audit licenses; thus enabling new business models through an orchestration of ready-made license schemes, and automating back office processes with secure connectors to CRM, ERP and e-commerce systems.
- **Security:** Integrity protection for cyber-physical systems, IoT, M2M and connected control devices against code tampering and manipulation attacks, with the use of secure boot, digital signing and signature verification against a certificate chain of trust.

Thanks to the close cooperation with leading organizations, like bitkom (the German Federal Association for Information Technology, Telecommunications and Media) and VDMA (the German Mechanical Engineering Industry Association), standardization committees, like the SD Card Association and the OPC Foundation, technology centers, like KIT (the Karlsruhe Institute of Technology), the Fraunhofer Institute and DFKI (the German Research Center for Artificial Intelligence), Wibu-Systems can be sure to continue the development of award-winning technologies and remain a front-runner in its industry.

Partners of



MEMBER
Solutions Network

bitkom





The IoT is everywhere, and so is the need for security!

EXPLORING NEW MARKET INDUSTRIES

Customers

AGFA  **GRAPHISOFT**
A HEIMETECHNIK COMPANY

propellerhead



TOYOTA



**Rockwell
Automation**

dSPACE

SIEMENS

ABB



BOSCH

FESTO



**Dentsply
Sirona**

Marketplace

According to the latest key findings from BSA (Business Software Alliance) 37 percent of software installed on personal computers on a global scale is still unlicensed, which exposes users to hacking and loss of data.

In a recent study, VDMA (the German Mechanical Engineering Industry Association) reported that 71 percent of the enterprises in Germany's industrial engineering sector are affected by product or brand piracy, which results in an estimated damage of EUR 7.3 billion annually.

At the same time, the IoT growth rate is ~4X traditional embedded; McKinsey Global Institute estimates IoT could have an annual economic impact of \$3.9T to \$11.1T by 2025 and Norton estimates that there will be more than 21 billion IoT devices by that same year.

Application areas

Wibu-Systems opens its doors to new business opportunities and strategic partnerships while continuing to develop technologies geared towards traditional B2B software publishers. Additionally, the extension of our industrial platform support is facilitating the adoption of security measures by leaders across the automotive, automation, energy, industrial, healthcare, life science and transportation sectors in their fight against espionage and cyber-crimes.



MARCELLUS BUCHHEIT

"We understand that we're in a race to stay ahead of the world's best crackers."

PRODUCTS AHEAD OF THE CURVE

CodeMeter: maximum protection in a user-friendly package

CodeMeter provides you with a scalable software protection framework where you can mix and match an unparalleled lineup of secure elements. Hardware units with an integrated smart card component (USB dongles, secure memory cards, ASICs or PCBs for internal mounting), can interact with CmActLicense, our software-based activation solution that associates the license with the target computer fingerprint and with CmCloudContainers, a novel type of license container bound to a known user and managed on the CodeMeter Cloud server. Both hardware and software based solutions give you "vendor-independent" storage for thousands of licenses, driverless support, remote update, and multi-platform support for Windows, Linux, macOS, .NET, Java, Android, VxWorks, QNX, CODESYS, Automation Studio, and others. The exceptional protection level results from state-of-the-art encryption technologies (AES, RSA, ECC, SHA) and patented integration procedures. To top it off, CodeMeter License Central makes it easy to monetize your software revenues, by implementing new business models with a strategic approach to software licensing, simplifying logistics, and reducing your bottom line costs through the integration into world leading CRM, ERP and e-commerce platforms.

WibuKey: a proven versatile veteran

WibuKey shows Wibu-Systems' commitment to its legacy technology and long-term customer relations. The flexible hardware (WibuBox) is available in different form factors: USB units and ASIC.

Product lineup





Setting the industry standard for service and support

BOSCH, GERMANY
MARKUS STOLL, DIRECTOR ENGINEERING

"We are pleased with the integration of Wibu-Systems CmActLicense, which has allowed us to put an even safer solution in place."

ROCKWELL AUTOMATION, BELGIUM
ANTOON LAANE, PRODUCT MANAGER EMEA

"Wibu-Systems has proven to be a solid business partner, clearly showing their understanding of the Industrial Automation market and the critical role of security in our industry. It is truly a pleasure to work with every member of the team."

CIVILSERVE, GERMANY
THOMAS WALKMEYER, MANAGING DIRECTOR

"When we first turned to Wibu-Systems to help us reimagine our license management in 2001, we were hoping for competence and technological excellence. Now after nearly two decades together, we can say that we found more than that: Mutual trust and respect, as the solid foundations of a partnership we can bank on."

SERVICE, SUPPORT & CONSULTING

Supporting your engineers and end-users is important to ensure a smooth experience and uninterrupted business; that's why we have separate online portals with dedicated resources for both target groups.

From the moment you start testing our products, you immediately enjoy our undivided attention. Prospects and customers around the world can contact our multiple support centers for localized service.

Wibu-Systems provides you with comprehensive assistance along the complete lifecycle of your projects, from pre-sales troubleshooting and personalized consulting, to customized developments, online and onsite training, as well as qualified post-sale support. Additionally, hosting CodeMeter License Central at Wibu-Systems is a cost effective and efficient option that includes state-of-the-art redundant fail-safe operation, automated backup service, product installation and subsequent upgrades and updates, availability and security monitoring.

The battle with the hacking community is never over. While our constant security updates will keep your products safe from the latest threats, our security experts will be happy to review your security schemes against potential piracy and make suggestions for improvements.



OLIVER WINZENRIED

"We want to renew the confidence of our customers each and every day. Therefore, service-oriented support is at the forefront of everything we do."

MILESTONES

- **1989:** Founding of Wibu-Systems by Oliver Winzenried and Marcellus Buchheit. Introduction of WibuBox with LPT interface.
- **1993:** First dongle as a PCMCIA card introduced at the COMDEX/Fall in Las Vegas.
- **2001:** First WibuKey Hacker's Contest. Introduction of Smart Shelter. Formation of Wibu-Systems USA, Inc. Participation in the 5th European Union R&D Supporting Program.
- **2002:** Platform-independent protection for Java applications. Established Chinese office.
- **2003:** CodeMeter 1.0 shipped.
- **2004:** CmStick/M: first Dongle with integrated flash memory. iF design Award received in China. European Patent for CodeMeter granted. Established Wibu-Systems offices in Belgium and the Netherlands.
- **2005:** Established Wibu-Systems (Shanghai) Co. Ltd. iF design Award Germany received.
- **2006:** CodeMeter awarded patents in the US and Japan. Established UK office.
- **2007:** First CmStick Hacker's Contest (prize: \$40,000).
- **2008:** Introduction of CmActLicense. Established Spanish office.
- **2009:** Introduction of CodeMeter License Central. Introduction of CmCard/SD and CmCard/CF. Winner for "Best DRM Solution" at SIIA CODiE Awards.
- **2010:** Introduction of CmCard/microSD. CodeMeter unbeaten at the Hackers' Contest in China.
- **2011:** CmStick/C introduced as the world's smallest dongle. First release of CmStick/T.
- **2012:** AxProtector supports .NET mixed mode and Wind River VxWorks. Integration in CODESYS development and target systems.
- **2013:** CmSticks support HID as well as MSD interfaces. Introduction of CmCard/CFast and CmWAN. Established French office.
- **2014:** Wibu-Systems wins the German IT Security Award. Introduction of CodeMeter Embedded and CodeMeter Protection Suite.
- **2015:** Integration of CodeMeter with SAP. Launch of CodeMeter µEmbedded.
- **2016:** OPC UA SDK from Unified Automation integrated into CodeMeter Embedded. CodeMeter supports third-party TPMs.
- **2017:** CodeMeter Password Provider enables user management for Siemens TIA Portal. Blurry Box raises protection standards with Kerckhoffs inspired encryption methods. Launch of CmStick/B series.
- **2018:** Inauguration of Wibu-Systems office in Japan.
- **2019:** Investment in new corporate headquarters and House of IT Security in Karlsruhe started.

About Wibu-Systems

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Wibu-Systems is an innovative technology leader in the global software license lifecycle management market. In its mission to monetize the business of software publishers and intelligent device manufacturers, Wibu-Systems has developed a secure, unique, versatile, and award-winning suite of interoperable solutions that protect the integrity of digital assets, technical know-how, and intellectual property against piracy, reverse engineering, tampering, sabotage, and cyberattacks.

CodeMeter, Wibu-Systems' flagship technology, encrypts software, firmware, and sensitive data with the strongest cryptographic algorithms and methods. The licenses generated are stored in secure elements, including industry-grade portable hardware containers (USB dongles, secure memory cards, ASICS, TPMs), soft containers bound to the digital fingerprint of the endpoint device, and cloud containers.

CodeMeter is available for PC, mobile, embedded, PLC, and microcontroller systems; its seamless integration with existing back-office processes, such as ERP, CRM, and e-commerce platforms, provides an additional boost to operational performance and logistics cost savings.

Ultimately, with CodeMeter, established sales processes can be redesigned to enable new customer-centric business schemes that truly respond to the regional needs of the market.

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