

New CompactFlash card protects software, machine level production data and plant manufacturing systems against theft

**Wibu-Systems presents the first prototypes of a CompactFlash card with CodeMeter technology at Hannover Messe 2009**

Karlsruhe – Starting in January 2008, Wibu-Systems AG, in conjunction with three other German companies and a research institute cooperated in the “Pro-Protect” project. The goal of the project was to investigate effective methods for protecting fabrication machinery against illegal duplication, product piracy and industrial spying. The focus was in protecting embedded software; because today nearly all production machines are running with programmed functionality.

The strongest protection can only be achieved with hardware based solutions and for two decades now, such products have been successfully provided by Wibu-Systems for many different platforms and interfaces. The company’s products will be increased in the second half of the year as a direct result of their contribution to the “Pro-Protect” project. The new product offering will add another form factor (a CompactFlash interface) to the CodeMeter system. CompactFlash is an interface that is very common in the industrial sector.

The prototypes of the new CompactFlash card “CmCF Card” – based on Wibu-Systems’ proven CodeMeter technology – will be available for inspection by interested companies at Hannover Messe 2009. The company will have a stand at the “Product Protection” Group Pavilion in Hall 17, Booth A26. Further information will be found at the booth or during the press conference on April 20 or during one of the scheduled lectures or in a private meeting.

In order to discover the special requirements of the manufacturing industry, the “Pro-Protect” syndicate asked many companies a series

of questions about their anti-piracy preferences. For most, security, flexibility, robustness and the ability to retrofit on site were a top priority.

The "CmCF Card" meets the strict security requirements needed in everyday production, as well as providing flexibility, robustness and the ability to retrofit on site:

- It enjoys the same superior levels of security as every CodeMeter based technology – as proven by a worldwide Hacker's Contest.
- Its design provides for easy retrofit, i.e. it can be integrated into already existing machinery.
- It can be flexibly used on SPS systems, on Windows CE, Realtime Linux and other real time systems.
- It runs reliably, even with extreme temperature fluctuation: from -25° Celsius up to +85° Celsius. Running inside the machinery it is protected against dust, humidity or strong electrical and magnetic fields.

Oliver Winzenried, C.E.O. and co-founder of Wibu-Systems AG, noted: "The "Pro-Protect" research project made enormous progress in discovering the needs of this important sector. And now the first positive results for these companies are being produced. We have especially considered the needs of the companies in this industry when engineering the CmCF Card. This new form factor runs with very low power demands and under very high temperatures, yet still allows the full benefit of the proven CodeMeter technology on machines without any USB interface. I anticipate a huge interest at the Hannover Messe – at our booth as well as our lectures during the show."



Photo: Designed specifically for the industrial sector, the new CmCF Card protects embedded software and production data. More information is available from Wibu-Systems at the "Product Protection" Group Pavilion in Hall 17, Booth A26.

#### **About Pro-Protect:**

Pro-Protect was created and tasked with creating "Innovations against counterfeiting". The project was originally sponsored as one of ten by the German Ministry of Education and Research. Wibu-Systems coordinated the project. Other participants consisted of "FZI Forschungszentrum Informatik at the University Karlsruhe" as well as the following industrial companies: "GiS Gesellschaft für Informatik und Steuerungstechnik, GmbH", "HOMAG Holzbearbeitungssysteme, AG" and "ZSK Stickmaschinen, GmbH". German organizations such as "Verband Deutscher Maschinen und Anlagebau e.V (VDMA)" and "Bundesverband Informationswirtschaft, Telekommunikation und neue Medien e.V. (BITKOM)" support the project.

Main task: making it difficult to fabricate counterfeit machinery and processes by protecting the embedded software that controls such machines.

[www.pro-protect.de](http://www.pro-protect.de)

#### **About Wibu-Systems, AG**

WIBU-SYSTEMS AG was founded in 1989 by Oliver Winzenried and Marcellus Buchheit. The main focus is in the fields of Digital Rights Management, software protection, license management, document protection and access control. The company located in Karlsruhe has distributors all over the world, offices in Seattle, USA, as well as in Shanghai, China, and sales offices in Belgium, Great Britain, Portugal, Spain and the Netherlands.

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