

## News

27.05.2010

### Campus meets Industry: how do I tell my cabinet?

When companies in the key region open their doors to the Velbert/Heiligenhaus campus, this can also turn out to be a cabinet door if it provides demonstration material for modern communication technologies and for structured development planning in security technology – from user requirements to the finished product.

This is what the students were now able to learn during a visit to Schulte-Schlagbaum AG and the affiliated company eccos pro in the course of the key region series Campus meets Industry. Frank vom Endt, SAG board of management, explained the principle: "Nowadays, we can fit cabinets, safe deposit boxes and office furniture with very different communication media that replace the conventional key for a cylinder lock." This includes PIN code and RFID card as much as a NFC mobile phone with which the user can be identified.

vom Endt said that from experience and in practice the benefit for the users comes into notice extremely quickly: "Ten years ago we would not have even thought ourselves that one day one would be able to lock a cabinet in the changing room of a fitness studio using a mobile phone – but it is practical because neither a key, a card nor any other kind of data medium is necessary and it is not necessary to keep a mental note of a code. However, the combination of the three identification technologies (RFID, PIN code and NFC) in one and the same lock is even more interesting for the system operator. Thus he is able to adapt flexibly at any time to varying cabinet users: for example, regular guests lock the cabinet using the RFID club identity card, daily visitors without a card by means of a PIN code and VIPs by means of a mobile phone."

Prof. Jörg Wollert of the Bochum University of Applied Sciences, expert on wireless communication, explained the basic underlying technological approach to the students: "In the truest sense of the word, the key lies in connecting security and comfort!" It can be observed here that more and more everyday things are integrated into modern communication media and are thus able to provide additional functions. "As future developers, your task will be to design these things in such a way that they are not complicated for the user to operate and preferably look good at the same time!", said Wollert. The current award to the SAG system of the "red dot" prize for outstanding design quality shows that this is also possible when it comes to cabinet locks.

#### Background: Campus meets Industry

Out of the lecture hall and into the company: that is the motto of the Campus meets Industry event series that opens up fascinating insights for the students on the Velbert/Heiligenhaus campus behind the factory gates of the region. Campus meets Industry is offered by Schlüsselregion e.V. (Key Region registered association) in cooperation with the Hochschule Bochum (Bochum University of Applied Sciences) and

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companies in the region. Campus meets SAG is the fourth event in the new series that meets with great interest on the part of the students.

Apply now for the winter semester 2010/2011

There is still an opportunity for prospective students to apply to one of the cooperating companies for an apprenticeship training position or trainee placement within the framework of the dual field of study at the Velbert/Heiligenhaus campus. A list of the cooperation partners and the vacancies for the winter semester 2010/2011 can be found at [www.hochschule-bochum.de/cvh](http://www.hochschule-bochum.de/cvh). Daniela Seppel, phone +49 (0)2056-158703 or [daniela.seppel@hs-bochum.de](mailto:daniela.seppel@hs-bochum.de) would be delighted to answer your questions.

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