



## **Villanova University Conducts Most Comprehensive NFC Access Control Trial to Date**

### **Ingersoll Rand Security Technologies and The CBORD Group enable students and staff to use personal cellphones as credentials to gain access to dorms, academic buildings and administrative offices**

**CARMEL, IN – March 21, 2012** – Ingersoll Rand Security Technologies, a leading global provider of security and safety solutions and manufacturer of contactless smart credentials and readers, and The CBORD Group, Inc., the leading provider of campus card and integrated security solutions to colleges and universities, are conducting the most comprehensive access control Near Field Communications (NFC) trial in the North American marketplace to date. Since November 2011, Villanova University students and staff have been using the aptiQmobile™ web-based service from Ingersoll Rand Security Technologies along with NFC and their own personal smartphones as their credential to access dormitories, academic buildings and administration offices. The NFC credential seamlessly integrates with Villanova's CS Gold® campus card system from CBORD®.

To enter buildings, students simply open the aptiQmobile™ app and tap their phone to the smart reader on the wall in the same way that they would present their Wildcard campus ID badge.

"Today's students are so technologically advanced that it is second nature for them to put everything on their phones and, most of the time, it's already in their hands while walking across campus," explains Kathy Gallagher, Villanova director of card services. "We want to provide our students the utmost in convenience and flexibility through the technology we offer. It's easier for students to use an app on their phone versus digging for their card."

Three research projects were conducted among 1300 students and decision makers across 980 U.S. colleges and universities, both public and private, 2-year and 4-year, during May of 2011. Researchers found that two-thirds of American college students are interested in using their mobile phone in place of an ID card. Students feel they are less likely to lose their phone than an ID card and they know that ID cards are shared; phones aren't. In fact, people will almost always notice that their phone is lost faster than noticing a card is missing. Using a phone as a credential also offers the ability to remotely erase credential data in case it's lost or stolen, providing an extra layer of security. In a survey among the students in the Villanova trial, more than 70 percent stated they would prefer to use their phone instead of a badge to enter buildings.

The enhanced convenience of using smartphones instead of badges extends to administrators in charge of access control systems. Rather than having to print physical ID badges for each student at enrollment time, a mobile 'key' can be issued online by the administrator directly to the student's phone at any time, saving the university staff time, administrative costs and the expense of printers, ink, card inventory and other needed supplies.

"Using smart phones as badges saves time that can be better spent on other issues," emphasizes John Bonass, Villanova systems manager. "Assigning the credential to the students' phone takes less work than printing and delivering a badge, and since students are very protective of their phones, this should lead to a greatly reduced replacement rate. If a phone is lost or broken, a new ID can be reissued to the new phone without even having the students come to our office."

"CBORD is committed to providing leading technology solutions that improve the quality of university life, solving practical problems, enhancing safety and lowering costs at the same time," commented Max Steinhardt, COO of CBORD. "In partnership with Villanova and Ingersoll Rand, this smart phone approach to the student credential is a way to make the system better support the way the university community lives and works day to day."

"An added benefit of the aptiQmobile NFC solution is that the organization may not need to change out their locks to use it when it becomes commercially available," adds Jeremy Earles, Ingersoll Rand Security Technologies product marketing manager, readers and credentials. "If smart-enabled AD-Series locks or XceedID smart readers are already installed, it's simply a matter of downloading the credentials to the students' phones and they are ready to go. If non-smart access technology is being used, multi-technology readers can be installed to help ease into the transition by reading both the ID badges and the smartphones."

In the United States, more than 40 million phones are expected to be NFC-enabled by the end of 2012 and according to a

report by Market Research, nearly half of all mobile phones will be NFC enabled by 2016.

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#### **About Ingersoll Rand Security Technologies**

Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. Schlage is the leader in security devices, trusted for 90 years, spanning both the commercial and residential markets. Ingersoll Rand is a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit [ingersollrand.com](http://ingersollrand.com) or [schlage.com](http://schlage.com).

#### **About The CBORD Group, Inc.**

The CBORD Group serves colleges and universities, healthcare facilities, corporations, senior living facilities, supermarkets, and a host of other market segments. CBORD's products are used in access control, integrated security, campus ID card privilege control, housing services, food service, catering, nutrition services, online ordering, and other institution-wide activities. Founded in 1975, The CBORD Group serves more than 6,000 clients in the U.S., Canada, Europe, South Africa, the Middle East, New Zealand, and Australia. To learn more about CBORD, visit [www.cbord.com](http://www.cbord.com).

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NOTE TO EDITORS: A high resolution, downloadable photo of a cell phone acting as a credential with an AD-Series reader is available at [www.brighamscully.com](http://www.brighamscully.com). Click Photo Downloads/Ingersoll Rand Security Technologies.