

The Association KU Leuven goes for innovation with CardsOnline Enterprise



ScreenCheck Europe has been commissioned, together with its Belgium partner Syx Graphics, to develop and deliver the CardsOnline (COL) Enterprise card management system (CMS) to the association KU Leuven. The COL Enterprise system is an integrated solution to issue and manage personnel and student ID cards.

The association KU Leuven is an umbrella organization of the Katholieke Universiteit Leuven (KUL), Hogeschool – Universiteit Brussel (HUB) and 12 other institutions. Not all association members use the same administration. Consequently, cardholder details must be obtained from various systems. The association demanded that the vital functions – add photo, adjust record, delete record and block card – to be executed through the web.

Using the SOAP protocol, ScreenCheck has developed several intelligent web services to realize the automatic interface between the SAP administration system of the KU Leuven and the CardsOnline Enterprise CMS. For instance, after adding a student record to SAP, this card is automatically printed and encoded ('autoprint'). COL Enterprise also provides feedback to SAP on the issued card and the card status.

The web services also control blocking a card from SAP, adding photo's, and, modifying, blocking or deleting card holder records. The web service structure can be approached easily and any enhancements can be realized quickly.

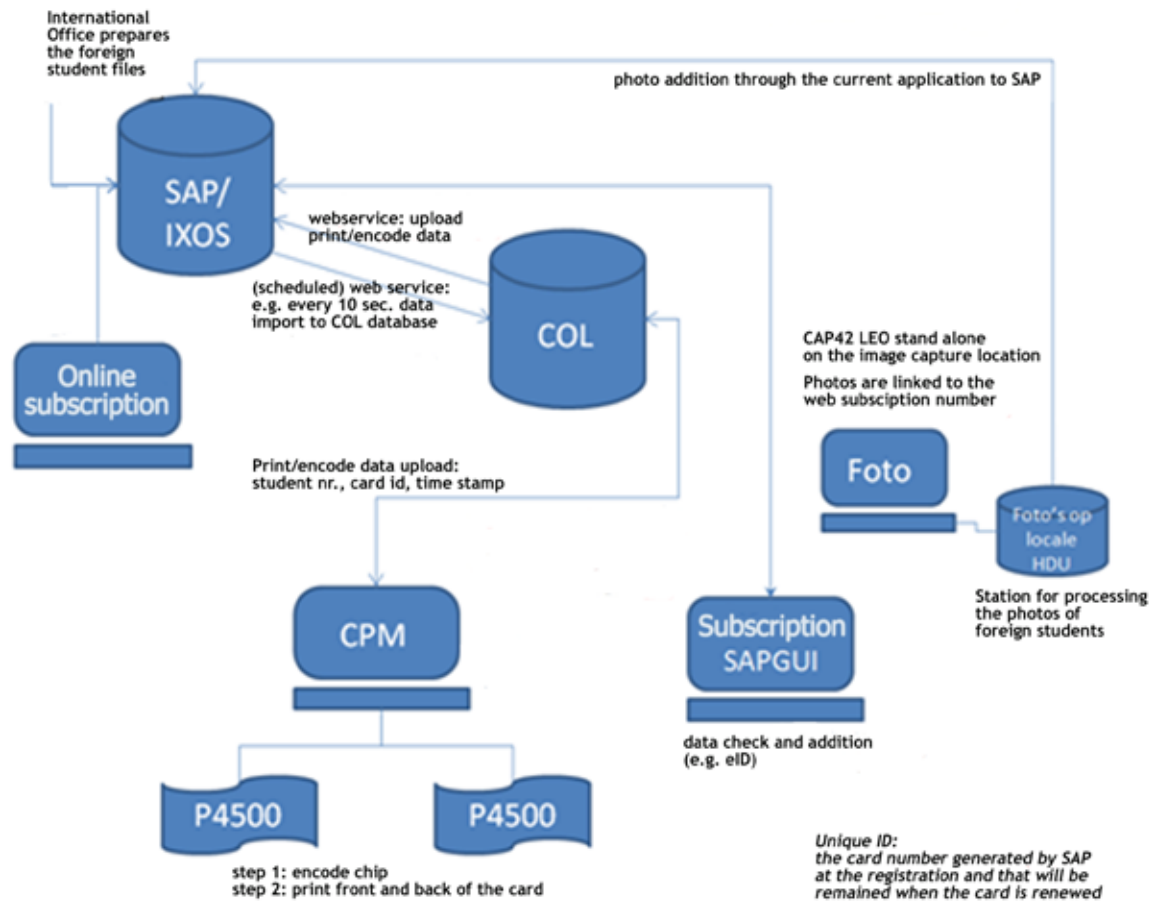


To supply CardsOnline Enterprise with student and personnel data, collected from other administrative systems than SAP, ScreenCheck has realized several other import interfaces, both automatic and manual ones, in addition to the SAP interface mentioned before.

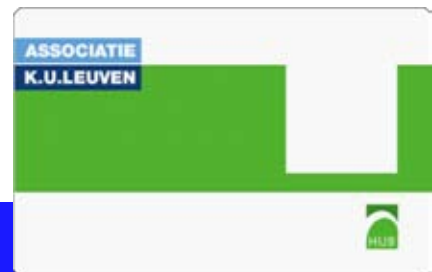
The various locations of the association KU Leuven use about 30 cards printers that are connected to CardsOnline Enterprise through Card Print Managers, to print their student and personnel cards. The selected Polaroid P4500S printers are suitable for both dye-sublimation and TRW printing (rewritable, making use of rewritable cards). To encode the cards in the same print run, all printers are equipped with a universal MIFARE® encoding unit.



The KU Leuven has yet opted to use preprinted, double sided rewritable cards with MIFARE® Classic 1K/4K technology. However, the system is already prepared switching to MIFARE® Plus technology cards in two years.



The KU Leuven now has access to a card management systems with low 'cost of ownership', in which controllability and flexibility play a crucial role. For instance, the configuration of the different encoding formats and the security key sets can be determined by the association KU Leuven itself, by configuring XML commands in the 'Chipset Configuration Information' (CCI) file of the Card Print Manager.



Associatie KU Leuven - facts & figures

The Catholic University of Leuven, Belgium, was founded in 1425. Research and education at the highest level go hand in hand at the oldest and largest university of Flanders. The university distinguishes itself from other institutions by offering education, which is powered and supported by in house research and interdisciplinarity. Thanks to a combination of a central location within Europe, a good reputation, a vibrant night life and broad cultural and sports offerings, the association KU Leuven is popular also even outside the Belgium borders.