

Success Story

Education

Talland College

Talland
COLLEGE



ABOUT TALLAND COLLEGE

Talland College has around 17,000 students, 2,000 employees and 7 different campuses throughout North Holland. In addition, it has an own Bed & Business accommodation, run by its hospitality students.

It is a college for both young and old people: For those who have just left school and want to learn a trade, but also for professionals who are already working and want to retrain or upgrade their skills. Overall goal is to train professionals who are important to society.

The college has more than 200 different courses to offer. It works together with the social institutions and companies around them, to bring the outside world inside and always work with the latest techniques.

Talland College considers it important for students and staff to gain international experience. Internationalisation supports key European and global priorities such as sustainability, social inclusion, lifelong learning, and technological innovation. The international focus is a unique selling point that sets Talland College apart from other vocational institutions in the Netherlands.



"We were looking for a state-of-the-art, secure and user-friendly Credential Management Solution, including User Self-Service, photo capture and "Credentials as a Service" production for around 19,000 cards.

With ID-ware's unified Card Management Solution as well as the corresponding consultancy and card production services, these goals have been perfectly realised."

Frank van Dijk

Project Manager, Talland College

THE CHALLENGES

After its merge from Regio College and Horizon College into a new organisation, Talland College conducted a market research and decided to modernise and harmonise the existing environment already provided by ID-ware into a single, integrated solution for all its locations.

It should result in an integrated physical access management with a single credential that meets the **MIFARE DESFire standard**, for both its employees and students as well as for its suppliers.

The new, unified Card Management Solution should meet the **following requirements**:

- Credential and physical access management for **all locations** of Talland College
- **Integration** of the existing physical access control system and further third-party systems with the unified card management solution
- **Consultancy and support** for credential production at the Zaandam location to ensure a unified card production and management workflow
- **Support for required hardware adjustments** in the other four Talland College locations throughout the country
- During enrolment periods of new students, **possibility to outsource the whole process of card production** to ID-ware: personalisation, encoding, printing and distribution to the home addresses of students



AT A GLANCE

Challenges

- Over **19,000 managed credentials**
- Distributed buildings at **7 locations** throughout the country
- High **security** requirements
- **MIFARE DESFire** card standard to be implemented throughout all national locations
- **Third-party systems** to integrate
- High **administration and card production workload**
- **User Self-Service** required
- **Outsourcing of complete card production** during enrolment phases of new students required

Existing Third-Party Systems to be connected to the Card Management Platform



- Two different access control systems



- Two different locker systems



- Printer and copy application



- Library application



- Payment system

THE SOLUTION

After switching from the previous MIFARE Classic Technology, Talland College now uses credentials with the latest MIFARE DESFire Technology, i.e. a **secure and protected credential, resilient with custom encryption and architecture** (AES128 minimum), compliant with ISO/IEC 14443A (international standard for contactless smart card communication).

The secure outsourcing of numerous card activities to users via the **extensive User Self-Service functions** significantly reduces administrative workload. Users can capture photos via webcam or upload them from their file systems or they can block their own card in case of loss or theft.

Using **Credentials as a Service**, secure cards are printed, chip-encoded and dispatched from ID-ware to the home addresses of the students and employees.

In particular during the registration periods of new students, thousands of new cards have to be produced within a short timeframe. Outsourcing of this process means a fast and efficient realisation for mass student enrolment.



Martin Blaauw, Information Manager at Talland College, states: "The project was realised in close collaboration between ID-ware, Talland College and its partners, **ensuring a smooth transition and a unified access solution for all locations.**"

This project is a great example of how collaboration and clear communication can make **complex integrations manageable**. We appreciated ID-ware's flexibility and commitment in helping us harmonise access across all Talland locations."

Talland

COLLEGE

E.J.M. van Bergen- Henegouwen
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STUDENT



Sample student card usable at all Talland College locations

AT A GLANCE

Solution Benefits

- Integrated, **unified solution**
- Secure **MIFARE DesFire** Cards
- Extensive **User Self-Service**
- **Compliance** with highest security standards
- Connectors for **easy integration** with common third-party systems
- **Credentials as a Service** for fast printing, chip encoding and dispatching of thousands of cards

About us

ID-ware is a leading global provider of Physical Identity and Access Management (PIAM) solutions. With over 20 years of experience, we are specialised experts for effective identification and authentication processes to support large-scale organisations.

Our innovative and secure products in connection with our strong principle of long-term partnerships make our customers profit from customised solutions for their complex environments.



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