Wireless lock technology
aperio®

Aperio® brings security and energy efficiency to Aberdeen student accommodation

ASSA ABLOY

The global leader in door opening solutions

Aperio® upgrades security, cuts running costs and reduces emissions

Battery powered electronic lock with RFID-Reader with a slim, timeless design

"Aperio® can be easily specified to work with budgets and phased work programmes, and yet always results in a high-quality, stylish security solution."
Damian Marsh,
Managing Director
at ASSA ABLOY Access Control

MIFARE™
CLASSIC / PLUS

Company

Company: University of Aberdeen (www.abdn.ac.uk)
Segment: Education
Location: Aberdeen, Scotland, UK
Access Control System: ARX

Aperio® System Integrator: Aspex
Aperio® devices installed:
640 × C100 cylinder, 100 × L100 locks
RFID technology: MIFARE
Year of installation: 2014

aperio®
Official Integrator

Challenge

The University of Aberdeen is one of Scotland's oldest and most prestigious higher education institutions. Founded in 1495, it is now known for its first-class research and teaching facilities in subjects including medicine, marine sciences and nutrition.

As part of a £10 million refurbishment programme, the university sought a modern security solution for its refit of accommodation blocks at the Hillhead Student Village, university-owned accommodation that is a 20-minute walk from the main campus.

Key requirements for the new access control system included:
· A secure locking system built to work with the unique demands of campus accommodation
· A stylish design that would fit with the university's major refurbishment
· An affordable solution that would operate within tight budget constraints, yet without compromising Aberdeen University's duty of care towards students, staff and visitors
· The ability to partner with a trusted local installer who could work with the university's Estates Design team to assess the precise requirements for an access control upgrade

Solution

Two accommodation blocks at the Hillhead Student Village, each composed of multiple, 6-bedroom self-catering apartments, were equipped with Aperio® wireless online cylinders and security locks as part of the access control system. To date a total of 740 Aperio® battery-powered units have been fitted at the site. Students and staff at the Student Village now open apartment entrance and plant rooms with standard RFID smartcards equipped with MIFARE technology. More doors or blocks are easily added, if required.

With Aperio® online components, estates management teams have the ability to monitor the status of all site locks in real time.

ASSA ABLOY UK´s Access Control Managing Director, Damian Marsh, explains: *"Aperio® is a popular choice for universities. It offers the capability to secure, monitor and record activity using just one system, as it instantly integrates with third party access control systems."*

Because Aperio® cylinders and locks are battery-powered and wireless, they are inexpensive to install and cost-effective to run. Unlike standard wired locks, which require an always-on mains connection, Aperio® locks only 'wake up' when presented with a credential. As a result, they consume much less energy – which saves the university money and cuts emissions.

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