

Case Study - RFID access control for Tower

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At 170m and 49 floors the Odeon Tower is the tallest building in Monaco, holding offices, shops and some of the world's most expensive apartments.

To secure over 700 access points, the project architects selected the Alwin system from Alcea, and from the French Radio Frequency Identification (RFID) product manufacturer STid, WAL wall switch readers, rather than a number of competitors.

Security and decor at such a prestigious building were in mind. The overall Alwin building software brings together security applications (access management, visitor management, intruder detection and video surveillance). The Alwin Vision image analysis system has been installed which includes a counting function, movement analysis, intruder detection, alarm reporting and car park management. As for the aesthetics, the access control had to blend with the Epure light switches from Arnpold. Mæ Tholoniat, STid Product Manager, said: "This range is made of solid metal, which creates a mechanical and operational challenge that only the WAL readers have been able to meet. The result is a perfect harmony of aesthetics and function, just like the rest of the building." Badges, likewise, have been customised with brushed finishes and bespoke metal inserts. The care taken with all the items that residents are going to use is in line with the ambitions of the rest of the project. Sandrine du Caurroy, Alcea Sales Director, said: "We needed to meet the high expectations of the architect who was looking for a top-of-the-range solution both in terms of function and aesthetics. Getting the credentials approved was a challenge – a process that required Alcea and STid to work together to provide an efficient and relevant solution, as they have been doing for many years."



And Vincent Dupart, STid Chief Executive and Pascal Lenglard, CEO of Alcea, said: "This prestigious achievement is the fruit of our shared philosophy of permanent innovation and our capacity to offer top-of-the-range customization solutions. This is how STid and Alcea approach all their projects, no matter how simple or complex."