



### Project area

SECURITY AND AUTOMATION

### Created for

ELECTROLUX ROMANIA

### Requirements

INTEGRATED ACCESS CONTROL  
AND TIME & ATTENDANCE SYSTEM



## CLIENT PROFILE

### CLIENT:

ELECTROLUX

### SECTOR:

APPLIANCES

### INTERNET SITE:

[www.electrolux.ro](http://www.electrolux.ro)

**Electrolux**, a Swedish group with 55,000 employees worldwide, manufactures household appliances (cookers, refrigerators, dishwashers, vacuum cleaners) with annual sales of over 40 billion euros in 150 countries, under famous brands such as AEG–Electrolux, Zanussi, Eureka and Frigidaire.

**Electrolux Romania**, based in the city of Satu Mare, specialises in the manufacture of ovens and accounts for a considerable share of European production of Zanussi ovens.

The Electrolux Romania plant caters to both the domestic and

European markets. The workforce at the Electrolux plant in Satu Mare currently numbers 1,600 employees, with a turnover of 106 million euros. The Satu Mare plant undertakes not only production but also logistics activities.

The size of the business in terms of surface area, high security standards and the use of external contractors and service providers prompted the need for a reliable and high-performance Access Control solution for employees, visitors, external companies and vehicles, based on ICT standards.

## REQUIREMENTS

"Ideally the solution had to be capable of managing personnel distributed over 3 work shifts," declared Marton Vajda, head of IT for Electrolux Satu Mare, "with access restricted to the em-

ployee's own department. At the same time, the system was required to track the presence of employees, automatically transferring the data to the payroll processing system. As regards visitors

and collaborators, however, Electrolux Romania needed to control entry of personnel and vehicles by verifying their identity and authorisation according to pre-established parameters."



## ACCOMPLISHED PROJECT

Electrolux Romania opted for the integrated and web-based **Orangelink** solution, developed by **Zucchetti Axess** in conjunction with **Zucchetti Romania**.

The software controls entry to site access points based on the user's profile and authorisation credentials, with real-time detection, validation and monitoring of actual or attempted accesses.

The same Orangelink software solution is also used for the integrated management of Ultrax Time & Attendance terminals from Zucchetti Axess, forming a single platform to resolve all issues relating to Access Control and Time & Attendance processes.

The Zucchetti Axess system controls 4 access points at the Electrolux Romania plant by means of tripod turnstiles for transit of people and automated barriers for vehicles, integrated with the latest generation Supermax+ transaction readers (also developed by Zucchetti Axess).

Among its other features, the system incorporates an anti-passback function that prevents the same badge being used by different users, assuring the level of security required by the client.

*"Thanks to Zucchetti Axess solution, Electrolux Romania has notably improved the management of people entering and*

*leaving the site,"* continued Vajda, "recouping efficiency and collecting information on the flows generated by this process.

Essentially we chose Zucchetti Axess because they were able to fulfil our requirements, given the complexity of the project. Zucchetti Axess solutions have proven to be innovative and reliable, ensuring the service continuity and operating efficiency of our plant.

Plus we can also count on competent and prompt remote assistance from the technical staff at Zucchetti Romania."