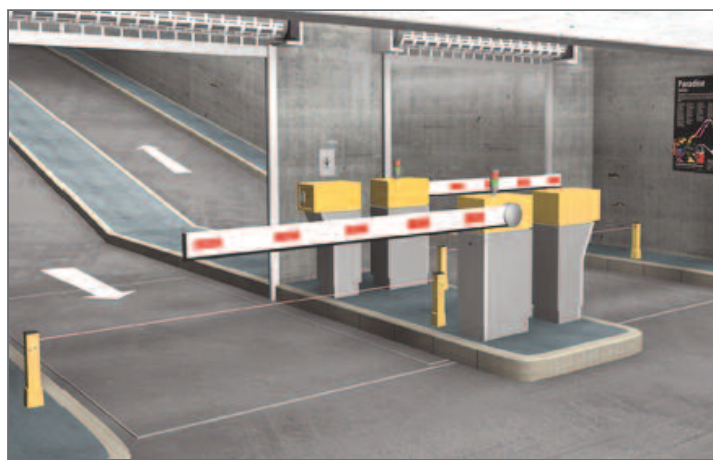


# CG APPLICATIONS

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**Application Note :** March 31<sup>st</sup> 2009

**Market involved :** Barrier control, Building Automation

**Product :** RVCF

**Customer :** ---

**Subject :** Barrier control

## CUSTOMER ISSUE :

The customer would like to improve the automation of a parking.

The system shall automatically control the barrier when the car arrives and leaves the parking.

Moreover the customer requires to include, for security, the lamps to warn the movement of barrier and anomalies of system control.

## OUR SOLUTION:

We suggested to use a RVCF, a variable speed driver for AC motor with a simple built-in PLC function integrated.

The RVCF runs and stops the motor which control the barrier executing a program, created with a simplified ladder language, stored in the built-in PLC.

## ACHIEVED BENEFITS:

- Reducing the hardware of barrier control (the timers are now implemented in built-in PLC program);
- The same output could have a different behaviour in different condition (i.e., the same lamp can have a fixed light to warn the barrier movement and a blinking light in case of anomalies);
- Reducing the cost of hardware and installation of system automation.

