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APPLICATION NOTE No. 009		
RS232/RS485 COM port switch		
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Description

The NetCube is used as a simple data repeater between several COM ports. One of those COM ports is a RS485.

Escalators and elevators exchange data using a RS485 line. At the end of this line a NetCube copies everything received on its RS485 port into its two other RS232 ports which are connected to two redundant PC assuring the management of the escalators.

Logical behaviour (pseudo-code)

```
Loop
  For each comport
    Read data if available
    Write data to all the other com ports
  End for
End loop
```

Overview of the installation

