



TELETASK
trendsetter in domotics

Case Study



SHOWROOM CONTROLLED BY TELETASK

Objective | A showroom and office environment has many electrical functionalities which can be integrated with each other. It is an every day task, at opening and closing time, to control a large number of systems. In a traditional installation switches are used to control lights, wall sockets, doors and gates, cooling/heating, background music system, motorized sun blinds, shutters, etc...

These tasks not only take time for the evolved employees, but are also often complex and have influence on the security and energy management of the show room and the building in general. By integrating most of these functions, risks and disadvantages are limited to the minimum.

Advantages | Using the TELETASK domotics system in showrooms with office and service area's has many advantages.

WHEN ACCESSING THE BUILDING:

- Limited access is given with proximity access control cards/tags.
- Limited access based on user level.
- Limited access based on day / time of the day.
- First higher level employee needs to be present before lower level access is possible.
- When accessing automatic opening of door/gate, activating lights if dark, activating wall sockets (PC, copier, coffee machines, water supply and other systems and equipment).
- Automatic registration of employee access time.
- ... other actions depending individual needs.



AT OPENING TIME:

- Only when the necessary employee level (sales person) is present, the showroom lights and heating/cooling are activated at or before opening time.
- If no sales person/service manager has arrived at opening time, an alarm is generated local and/or by SMS and/or E-mail to general manager or central management.
- Employees are informed through acoustic alarm that showroom will open in for example 5 minutes.
- Security shutters are opened.
- Showroom- and other doors like from service access desk are unlocked.
- Background music and demonstration videos are activated.
- ... other actions depending individual needs.

DURING OPENING TIME:

- Touch panels are available for manual control of all connected lights and other systems.
- Receptionist can have central control on his/her PC of the whole building, including on-screen camera's.
- By using moods on touch panels or on remote control, specific areas can be accentuated/ illuminated by the people in the show room or from remote site.

AT CLOSING TIME:

- The access to the showroom and other areas at closing time is blocked for visitors.
- Unnecessary lighting is dimmed (at once or slowly group by group)
- All lights dimmed, heating/cooling lowered after some extra) time. Music is stopped and systems like coffee machines and other wall sockets are disconnected.

WHEN LEAVING THE BUILDING:

- All necessary equipment is powered down, power is disconnected, ...
- By activating the alarm system all integrated units and systems can be set/reset etc...

AFTER CLOSING TIME:

- Service teams are given access via main gate with special proximity card/ key-tag and smart phone. When accessing all access is registered.
- Lights can be switched/dimmed/animated (presence simulation and security).

GENERAL FEATURES:

- Full modular setup; can always be extended.
- Remote control by PC or smart phone (Android or Apple iPhone).
- Highest level of energy management: lights, T° on heating/cooling set to low-energy consumption or even deactivated when not needed.
- Full integration including access control and air conditioning for security and energy management.
- Full central management from remote site; access can be given or blocked, cameras can be controlled, etc...
- Remote reconfiguration is possible at any time without somebody to be on site.
- Full solid state setup means highest reliability.
- Harsh environment? Power fluctuations may occur between 85V and 250V without system influence.
- Internal memory and status backup system.
- Default IP (WAN/LAN internet) connection.
- Free of charge configuration software PROSOFT.
- TELETASK Support centres all over the world
- TELETASK headquarters in Europe, Middle-East and Far-East.
- TELETASK has 33 years of experience in more than 40 countries worldwide.

TDS COMPONENTS

- 2 x NANOS and 1 x MICROS+ central unit over LAN
- A range of AURUS-family touch panels
- TDS 12142 Proximity Readers
- TDS 12501 Remote Control
- TDS 12116 Digital input Interface
- TDS 12309 Analog Input Interface
- TDS 12250 Temperature sensors
- TDS 12270 Light sensor
- TDS 14240 Audio -IP license for Audio integration
- TDS 15105 GUI+ for PC
- TDS 15101 iSGUI for smart phones
- TDS 15200 DAIKIN VRV license
- TDS 13510 Relais Interfaces
- TDS 13526 Motor Interfaces
- TDS 13609 Dimmer Interfaces and power dimmers



