



**TELETASK**  
trendsetter in domotics

# Case Study



## TELETASK OFFICES

GENT | BELGIUM

Objective | to create a productive atmosphere by optimizing light, temperature and safety.

Description | The TELETASK offices are located in an old factory building. Upon purchase in 2002, the TELETASK management decided to completely refurbish the edifice. The cachet of the old building has been combined with the high tech domotics. The end result is open and pleasant workspaces, a grand show room, comfortable training and seminar rooms and an extremely low energy consumption, etc.

The TELETASK offices proffer perfect working conditions by integrating light-, air conditioning- and access control. Motorised screens in offices, R&D department and in the factory areas are managed by the intelligence of the system, as there are also motorised windows in the show room and training centre. The high level of integration is at every one's disposal. Most of the rooms are equipped with touch screens and every employee has his/her own GUI on his/her PC. The management has total control over the building. The management assistant has full overview and video- door control an all accesses and gates on a MAIOR touch screen. Mobile phones are DECT and door phone system is integrated with them via a hybrid PBX with VoIP.



## PROJECT DATA

### SPECIAL FEATURES

- **Individual Access control**  
Access to the TELETASK building is controlled with proximity readers. The security system is integrated with the domotics system thus allowing a high security level. Only a customised proximity card in combination with the burglar- and fire alarm system will allow the designated persons grant access to the building at limited times and days of the week. Employees can only enter when at least one management person is present. The management (and central alarm management service provider) get an SMS message immediately when there is an alarm situation.
- **A special 'Visitors' button**  
This button activates the showroom: all rooms and equipment is adapted to this mode. No energy is spoiled when nobody is in the visitor areas. The CCTV system is integrated with the TELETASK system and alerts when motion is detected. The TDS system can activate lights based on this camera information.
- **Reducing fire hazard and energy consumption**  
All mayor electric devices are automatically switched off, when the last person leaves the building. Fire risk is minimised to the lowest level while energy consumption is close to zero. The office desks, warehouse, hall ways and staircases areas are equipped with presence sensors which control the DALI lighting system.
- **Company Bar**  
The company bar and wash rooms are equipped with integrated music, which is controlled by presence detectors.

### USED TELETASK COMPONENTS

- Three central units manage the whom building. They are integrated with each other over the LAN network and behave as one system.
- In the three distribution boards you can about every TELETASK technical interface which manage all the areas in and outside of the building.
- Most of the areas are heated by a combination of hot water radiators (central gas system with two low energy condensation gas heaters) and a range of Daikin VRV heat-pump systems placed on the roof. The TDS15200 Daikin integration license is used for the integration with one Daikin iTouch IP interface.
- The Honeywell.Galaxy burglar and fire alarm system is integrated with the TELETASK-Galaxy interface (via RS232).
- A whole range of AURUS touch panels (mainly AURUS-OLED) are installed for general use by the employees.
- Access control and elevator control with the TELETASK Proximity readers which are used in- and outdoor throughout the building.
- Local control is also available on Smart phone for most of the employees. Management and the technical support team has access on iSGUI also from remote site via the TELETASK Cloud connection.