Customer: Jurgen de Meulenaere, www.mulliesoft.com

Year of implementation: 2013
Country: Belgium

Private Home Automation Project with mySCADA Mobile

mySCADA Mobile is a modern automation system built on open standards that can be deployed on all mobile smart devices of your choice – both iOS and Android. mySCADA Mobile has embedded communication drivers and connects directly to your home automation controller using either 3G/4G network or local Wi-Fi network. mySCADA Mobile is available through the iTunes Store for iOS devices or Google Store for Android. The mySCADA Mobile Lite version limited to 10 screens is a perfect and affordable solution for smaller automation project such as home automation.

Jurgen de Meulenaere, the business manager of Mulliesoft Company from Belgium, uses mySCADA Mobile Lite app on his iPad to control his private house - lighting, heating, ventilation, pool, sauna and Jacuzzi temperature, humidity, PH, door locks ad other appliances, window coverings, IP Camera and security system to monitor and control his house even when being away.

He created the HMI visualizations shown in the following screenshots in mySCADA Editor downloaded from mySCADA.org website for free.

- The house is controlled with the iPad.
- Using Internet connection, the house can be remotely controlled from anywhere in the world.
- With iPad/iPhone or Android smart devices costs are getting lower so that an average houseowner can afford a fully automated household.
HOME

This screen shows

- The picture from the IP Camera outside of the house.
- The actual temperature inside and outside of the house.
- You can switch on the security alarm if needed.
- On the left side of the screen you can choose all other screens.

LIGHTING

This screen shows the actual status of all lights in the house. The lights can be switched off all in once.
TEMPERATURE

This screen enables to control the temperature in the house and outside.

- The user can adjust the room-temperature setpoints to control the heating at day and night.
- In case of heating system failure the icons will flash.

WINDOW SHUTTERS

In this screen you control the automatic window shutters.

- You can manually activate the shutters on the touchscreen to roll up or down.
- You set either the time or the light intensity when the shutters automatic roll up and down.
WEB CAMERA

In this screen is the actual picture from Axis web camera. You can also turn on the lights if it’s dark.

PHONE NUMBERS

In this screen you see important phone numbers like police, ambulance, doctor...

You can also add your individual important phone numbers such as favorite restaurants, family…
This reference sheet is made available to the client for internal use only, unless mySCADA Technologies agrees to being passed on to third parties.

**LIGHTS STATISTICS**

Here is a list of all lights in the house and how long did it light in total.

<table>
<thead>
<tr>
<th>Room</th>
<th>Time</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Bedroom</td>
<td>168.2</td>
<td>Salontafel</td>
</tr>
<tr>
<td>Slaapkamer Sarah</td>
<td>49.9</td>
<td>Barkast</td>
</tr>
<tr>
<td>Kleine slaapkamer</td>
<td>38.5</td>
<td>Luifel vooraan huis</td>
</tr>
<tr>
<td>Gang Boven</td>
<td>128.2</td>
<td>Luifel achteraan huis</td>
</tr>
<tr>
<td>Gang beneden</td>
<td>170.7</td>
<td>Toilet</td>
</tr>
<tr>
<td>Keuken</td>
<td>235.1</td>
<td>Badkamer</td>
</tr>
<tr>
<td>Luifel keuken</td>
<td>388.9</td>
<td>Tuinverlichting</td>
</tr>
<tr>
<td>Livingtafel</td>
<td>300.8</td>
<td>Oprit</td>
</tr>
<tr>
<td>Bureau</td>
<td>20.8</td>
<td>Zolder</td>
</tr>
</tbody>
</table>

**WATER STATISTICS**

On this screen you can see:

- Temperature of the pool, spa and sauna.
- Temperature of the SPA and water PH indication.
- Sauna temperature and humidity.

You can also open and close the pool and turn on the led-lighting.
WEATHER

On this screen is shown the weather map of Belgium fully integrated into mySCADA view.

PERSONAL

Home automation
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de Meulenaere Jurgen