

## SIWIAT Relay control

### 1 Preconditions

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- A SIWIAT App-Box – preconfigured
- A web browser to access the admin panel
- The apps "AppEvents" and "AlarmEvents" are configured
- The OUT-App AnelHUT for relay control must be downloaded from the App Store
- The relay AnelHUT (Hardware)

### 2 Instruction

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#### 2.1 Installation of the app

Installation of the App "AnelHUT":

- Download the app from the App Store (zip-file)
- Generation of an activation key with the serial key of the App-Box
- Login to the admin panel (with web browser)
- Menu "Apps" -> Button "Install app"
- Upload the app (zip-file)
- Enter the activation key (copy & paste recommended)
- Afterwards the app appears under the menu "Apps" as a OUT-App

#### 2.2 Create a device for a relay

- Menu "Apps": Table row "AnelHUT": click the wrench. Button "Add device". Choose name e.g. "Relay1", Than "add"-Button

#### 2.3 Configuration of the "AnelHUT"

- Call <http://net-control> with your web browser. (Precondition: DHCP is available)
- Login with the user "admin" and password "anel"
- Creation of an IP address (same subnet as the App-Box)

#### 2.4 Configuration of the device "Relay1" in the App-Box

The device "Relay1" will be connected with Events and the relay:

- Menu "OUT" -> AnelHUT (Relay1) -> configure
- Tab "Connection": Enter the IP address of the relay-component. Default user is "user7" and password is "anel". Choose the relay (1-8) -> Save
- Tab "Events": Choose the events you want to react to. Attention: there are alarm-on and alarm-off-events. Both should be selected for the "Relais1" device.
- Tab "Event-Processing": Switch relay on: "alarm=on", Switch relay off: "alarm=off"
- Switch "Device active" to "Yes"
- Button "Save"

### **3 Test**

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The configuration can be tested by setting the check box "Log entry" in the device "Relay1"-> Tab "Connection". Then each switching operation is logged as a log entry.

With the app Timegen, measured values can be generated, which can be easily checked. If the alarm in the channel is set to 40 (upper limit), the relay switches on and off at once per minute.

### **4 Hint for two or more relays**

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If you want to use more relays (e.g. a red and a green indicator light), than you should create two devices ("Red" and "Green"). These should be configured to work the other way round. The configuration is the same.