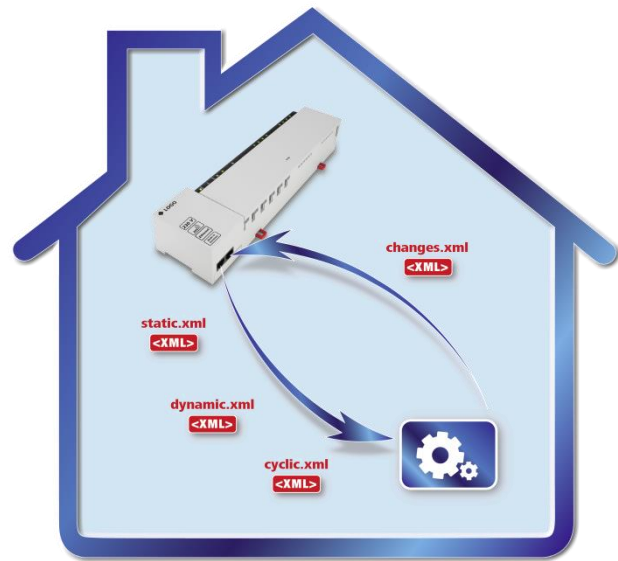


Alpha 2 - XML Interface Description

The XML interface (API) serves for granting a simple and standardised access to the Alpha 2 System functionality to third party systems. The XML interface is able to query the complete status of the Alpha 2. On the other hand, all entries or changes can be sent to the base in form of commands. Data exchange is exclusively in XML format.

Status data

The base status can be queried by means of 3 XML files: static.xml, dynamic.xml, and cyclic.xml. These three files only differ in information density. The file static.xml includes all data, and the information content decreases gradually for dynamic.xml and cyclic.xml. One XML file each is given in the appendix. All further explanations and examples are based on these data.



Addressing

The URL of these three files is: `http ://<IP>/data/static.xml`, `http ://<IP>/data/dynamic.xml`, `http ://<IP>/data/cyclic.xml`, respectively. For this, <IP> must be exchanged for the corresponding IP address or DNS name of the base.

Data model

The data within the XML files are principally self-explaining. For example, the actual temperature in heating zone 1 is defined by the following element path:

```
<Devices><Device><HEATAREA nr="1"><T_ACTUAL>
```

The element structure will be kept in future versions. However new elements may be added. Therefore, XML commands of the corresponding programming language (e. g. X-Path), aligned to the XML structure, should be used always for the query of XML data. Methods as e. g. searching for characters by means of text operations should not be used, in order to be able to use the interface for the long term. All element names are written in capital letters except for <Device><Devices>. This is important because XML is strictly case-sensitive.

Sending commands to the base

Commands are always sent to the base in form of an XML file. The XML command is sent to the URL: `http ://<IP>/data/changes.xml` via http post. The content of the file changes.xml is always the corresponding section from the file static.xml. All settings which can be changed via the integrated web front-end (`http ://<IP>`), are also a component of the command set of the XML interface.

General command structure

The basic structure of each command is as outlined below. It always requires the unique ID of the base; this can be read out of the previously downloaded file static.xml.

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    ...
  </Device>
</Devices>
```

The answer to the command is also an XML file with a corresponding answer code.

```
<?xml version="1.0" encoding="UTF-8"?>
<COMMANDRESPONSE>
  <STATE>OK</STATE>
  <ERRORNUMBER>0</ERRORNUMBER>
</COMMANDRESPONSE>
```

After sending a command a maximum of 10 minutes can elapse until the changes are updated in the room control unit. The room control unit calls back to the base once every 10 minutes and queries the new status; only then will the new settings be transferred to the room control unit. The cause for this behaviour is the intention to save battery lifetime in the room control devices.

Subsequently some examples are listed for a more detailed description.

Example: Change of target temperature

Attention: Rooms with analogous room control unit aren't able to edit via web. The analogous room controller has IODEVICE_TYPE = 1 or 3 (<IODEVICE_TYPE>1</IODEVICE_TYPE> or <IODEVICE_TYPE>3</IODEVICE_TYPE>)

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <HEATAREA nr="1">
      <T_TARGET>20.6</T_TARGET>
    </HEATAREA>
  </Device>
</Devices>
```

Example: Set date and time

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <DATETIME>2014-01-20T11:40:00</DATETIME>
  </Device>
</Devices>
```

Example: Activate lifestyle mode "Auto"

With <HEATAREA_MODE> 0=Auto-; 1=Day-; 2=Nightmode

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <HEATAREA nr="1">
      <HEATAREA_MODE>0</HEATAREA_MODE>
    </HEATAREA>
  </Device>
</Devices>
```

Example: Switch heating / cooling

Mode CO Pilot must be activ

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
```

```

<Device>
  <ID>EZR010A49</ID>
  <COOLING>1</COOLING>
</Device>
</Devices>

```

Example: Activate CO Pilot

```

<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <RELAIS>
      <FUNCTION>1</FUNCTION>
    </RELAIS>
  </Device>
</Devices>

```

Example: Set vacation time

```

<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <VACATION>
      <START_DATE>2014-07-17</START_DATE>
      <END_DATE>2014-07-19</END_DATE>
    </VACATION>
  </Device>
</Devices>

```

Example: Set child safety lock

The behaviour of the child safety lock is transferred in this example. The parameters used here are included in the Alpha 2 documentation.

<LOCK_AVAILABLE> or parameter 030, to be changed by the installer in Service level. This parameter sets whether a code is queried during the unlocking of the room control unit, or whether the room control unit becomes operable again only by a long press in protected mode (LOCK_AVAILABLE = 1 means: only to be unlocked with code)

<LOCK_CODE> or parameter 031, to be changed by the installer in Service level. This parameter specifies the code.

<ISLOCKED> however is not a parameter; instead it must be activated in the lifestyle functions menu. Here the user can select whether the operating lock shall be active or not. The two upper parameters set whether deactivation requires a password or not. (ISLOCKED = 1 means: operating lock active)

```

<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <HEATAREA nr="2">
      <ISLOCKED>1</ISLOCKED>
      <LOCK_AVAILABLE>1</LOCK_AVAILABLE>
    </HEATAREA>
  </Device>
</Devices>

```

Relation between HEATAREA / HEATCTRL / IODEVICE

The static.xml uses three functional units:

- Heatarea = logical heatzone
- Heatctrl = physical port, where the actuators are connected to
- Iodevice = Roomcontroller who is paired to the heatzone

It is possible to connect one roomcontroller / heatzone to multiple physical ports. The relation between this elements in the static.xml is the tag HEATAREA. HEATAREA and IODEVICE Tags are in the quantity of the connected roomcontroller. The HEATCTRL element is fixed to 12 elements, because the maximum quantity of ports of Alpha 2 is 12. The relation is figured out in this example:

```
-> <HEATAREA nr="1">
    <HEATAREA_NAME>Kitchen</HEATAREA_NAME>
    <HEATAREA_MODE>0</HEATAREA_MODE>
    <T_ACTUAL>21.6</T_ACTUAL>
    ...
</HEATAREA>
...

<HEATCTRL nr="1">
    <INUSE>1</INUSE>
-> <HEATAREA_NR>1</HEATAREA_NR>
    <ACTOR>0</ACTOR>
    <ACTOR_PERCENT>0</ACTORPERCENT>
    <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
...

<IODEVICE nr="1">
    <IODEVICE_TYPE>0</IODEVICE_TYPE>
    <IODEVICE_ID>1</IODEVICE_ID>
    <IODEVICE_VERS_HW>1</IODEVICE_VERS_HW>
    <IODEVICE_VERS_SW>01.30</IODEVICE_VERS_SW>
-> <HEATAREA_NR>1</HEATAREA_NR>
    <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
    <BATTERY>2</BATTERY>
    <IODEVICE_STATE>0</IODEVICE_STATE>
    <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
    <ISON>1</ISON>
</IODEVICE>
```

Virtual Rooms

Virtual rooms were conceived for using the sensor system of a third-party installation. In this case the standard room control units are not used. Instead, new (virtual) rooms can be created and configured in the Alpha 2. Thus, via XML interface it is possible to transfer various conditions as e. g. target and actual temperature, to a virtual room. Please take care to use the virtual rooms with a software version approved for this, see below.

Create Virtual Room / Create XML Device

The command corresponds to the pairing of a real room control unit to a heating zone. A heating zone is selected there with the rm bus key, and acknowledged at the room control unit. The parameter of the heating zone will be transferred to the command CMD_CREATE_XMLDEVICE on XML Basis. In this example, heating zone 3 is assigned to the virtual room. It would also be possible to transfer several parameters with CMD_CREATE_XMLDEVICE:2,3,4; this would assign the heating zones 2,3,4 to the virtual room control unit. After a reload, the new room control unit is immediately displayed on the integrated web surface.

Example: a new virtual room is created with the heating zone 3 assigned to it. For virtual rooms, the transfer of the element <ID> can be omitted.

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <COMMAND>CMD_CREATE_XMLDEVICE:3</COMMAND>
  </Device>
```

</Devices>

Adding further heating zones to a virtual room / Connect XML Device

A further heating zone can be assigned to the room, if it has not already been defined during the creation process. Initially, the value of <Devices><Device><IODEVICE nr="x"><IODEVICE_ID> must be transferred as transfer parameter. For this, <IODEVICE_ID> is the unique ID of the virtual room which was allocated automatically. This is followed by all heating zones to be connected to the device. Caution: Heating zones which have already been paired, must be transferred here, too. Hint: The virtual rooms are always of the type <IODEVICE_TYPE>8</IODEVICE_TYPE>

Example: The device with the <IODEVICE_ID> = 4 is paired to the heating zone 2 and 3. If this device was paired to heating zone 1 previously, this connection would be deleted.

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <COMMAND>CMD_CONNECT_XMLDEVICE:4,2,3</COMMAND>
  </Device>
</Devices>
```

Deleting a virtual room / Delete XML Device

Deletes the virtual room control unit from the system. All connections are eliminated. Only the <IODEVICE_ID> is necessary as transfer parameter. All heating zones connected to this room control unit are deleted, too.

Example: The device with the <IODEVICE_ID> = 4 is deleted.

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <COMMAND>CMD_DELETE_XMLDEVICE:4</COMMAND>
  </Device>
</Devices>
```

Hint: In order to delete a real room control unit, it can be overpaired with a virtual room control unit, and the virtual device is deleted in the next step.

Transferring the actual temperature to the virtual room

Example: Sets the actual temperature of a virtual room to 20.6 °C.

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <HEATAREA nr="1">
      <T_ACTUAL>20.6</T_ACTUAL>
    </HEATAREA>
  </Device>
</Devices>
```

Note on virtual rooms

For real room control units, the base uses an emergency program if the room control unit does not send a message after a defined time. The same is applied for virtual rooms. Thus, the third-party installation has the task to send current actual temperatures etc. to the base. The time span should not exceed 10 minutes.

Validity

The XML interface is implemented and ready to operate as of software versions:

- SW: 01.60
- Lan: 01.50
- Web: 01.21

Virtual rooms valid from software version:

- SW: 02.02
- Lan: 02.02
- Web: 02.02

The XML Interface isn't approved for the rendezvousserver.

Appendix

Static.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ID>EZR010A49</ID>
    <TYPE>EZRCTRL1</TYPE>
    <NAME>EZR010A49</NAME>
    <ORIGIN>EZR010A49</ORIGIN>
    <ERRORCOUNT>0</ERRORCOUNT>
    <DATETIME>2015-07-08T11:12:53</DATETIME>
    <DAYOFWEEK>3</DAYOFWEEK>
    <TIMEZONE>1</TIMEZONE>
    <NTPTIMESYNC>1</NTPTIMESYNC>
    <VERS_SW_STM>86.19</VERS_SW_STM>
    <VERS_SW_ETH>71.40</VERS_SW_ETH>
    <VERS_HW>01</VERS_HW>
    <TEMPERATUREUNIT>0</TEMPERATUREUNIT>
    <SUMMERWINTER>1</SUMMERWINTER>
    <TPS>0</TPS>
    <LIMITER>0</LIMITER>
    <MASTERID>MASTERID</MASTERID>
    <CHANGEOVER>0</CHANGEOVER>
    <COOLING>0</COOLING>
    <MODE>0</MODE>
    <OPERATIONMODE_ACTOR>0</OPERATIONMODE_ACTOR>
    <ANTIFREEZE>1</ANTIFREEZE>
    <ANTIFREEZE_TEMP>8.0</ANTIFREEZE_TEMP>
    <FIRSTOPEN_TIME>10</FIRSTOPEN_TIME>
    <SMARTSTART>0</SMARTSTART>
    <ECO_DIFF>2.0</ECO_DIFF>
    <ECO_INPUTMODE>0</ECO_INPUTMODE>
    <ECO_INPUT_STATE>0</ECO_INPUT_STATE>
    <T_HEAT_VACATION>16.0</T_HEAT_VACATION>
    <VACATION>
      <VACATION_STATE>0</VACATION_STATE>
      <START_DATE>2015-00-00</START_DATE>
      <START_TIME>12:00:00</START_TIME>
      <END_DATE>2015-00-00</END_DATE>
      <END_TIME>12:00:00</END_TIME>
    </VACATION>
    <NETWORK>
      <MAC>38:DE:60:01:1F:DE</MAC>
      <DHCP>1</DHCP>
      <IPV6ACTIVE>0</IPV6ACTIVE>
      <IPV4ACTUAL>192.168.6.161</IPV4ACTUAL>
      <IPV4SET>192.168.100.100</IPV4SET>
      <IPV6ACTUAL></IPV6ACTUAL>
      <IPV6SET></IPV6SET>
      <NETMASKACTUAL>255.255.248.0</NETMASKACTUAL>
      <NETMASKSET>255.255.248.0</NETMASKSET>
      <DNS>192.168.3.125</DNS>
      <GATEWAY>192.168.3.4</GATEWAY>
    </NETWORK>
    <CLOUD>
      <USERID></USERID>
      <PASSWORD></PASSWORD>
      <M2MSERVERPORT>55555</M2MSERVERPORT>
      <M2MLOCALPORT>54062</M2MLOCALPORT>
      <M2MHTTPPORT>54062</M2MHTTPPORT>
      <M2MHTTPSPORT>58157</M2MHTTPSPORT>
      <M2MSERVERADDRESS>www.ezr-cloud1.de</M2MSERVERADDRESS>
      <M2MACTIVE>0</M2MACTIVE>
      <M2MSTATE>Offline</M2MSTATE>
    </CLOUD>
    <KWLCTRL>
      <KWL_CONTROL_VISIBLE>0</KWL_CONTROL_VISIBLE>
      <KWL_PRESENT>0</KWL_PRESENT>
      <KWL_CONNECTION>0</KWL_CONNECTION>
    </KWLCTRL>
  </Device>
</Devices>
```

```

<KWL_URL>---</KWL_URL>
<KWL_PORT>7777</KWL_PORT>
<KWL_STATUS>0</KWL_STATUS>
<KWL_FLOWCTRL>0</KWL_FLOWCTRL>
</KWLCTRL>
<CODE>
  <EXPERT>455A526CCD9936D0</EXPERT>
</CODE>
<PROGRAM>
  <SHIFT_PROGRAM nr="1" shiftingtime="1">
    <START>05:30</START>
    <END>21:00</END>
  </SHIFT_PROGRAM>
  <SHIFT_PROGRAM nr="2" shiftingtime="1">
    <START>04:30</START>
    <END>08:30</END>
  </SHIFT_PROGRAM>
  <SHIFT_PROGRAM nr="2" shiftingtime="2">
    <START>17:30</START>
    <END>21:30</END>
  </SHIFT_PROGRAM>
  <SHIFT_PROGRAM nr="3" shiftingtime="1">
    <START>06:30</START>
    <END>10:00</END>
  </SHIFT_PROGRAM>
  <SHIFT_PROGRAM nr="3" shiftingtime="2">
    <START>18:00</START>
    <END>22:30</END>
  </SHIFT_PROGRAM>
  <SHIFT_PROGRAM nr="4" shiftingtime="1">
    <START>07:30</START>
    <END>17:30</END>
  </SHIFT_PROGRAM>
</PROGRAM>
<PUMP_OUTPUT>
  <LOCALGLOBAL>0</LOCALGLOBAL>
  <PUMP_OUTPUT_TYPE>0</PUMP_OUTPUT_TYPE>
  <PUMP_LEADTIME>2</PUMP_LEADTIME>
  <PUMP_STOPPINGTIME>2</PUMP_STOPPINGTIME>
  <PUMP_OPERATIONMODE>0</PUMP_OPERATIONMODE>
  <MINRUNTIME>30</MINRUNTIME>
  <MINSTANDSTILL>20</MINSTANDSTILL>
</PUMP_OUTPUT>
<RELAIS>
  <FUNCTION>0</FUNCTION>
  <RELAIS_LEADTIME>0</RELAIS_LEADTIME>
  <RELAIS_STOPPINGTIME>0</RELAIS_STOPPINGTIME>
  <RELAIS_OPERATIONMODE>0</RELAIS_OPERATIONMODE>
</RELAIS>
<CHANGEOVER_FUNC>
  <CHANGEOVER_FUNC_MODE>0</CHANGEOVER_FUNC_MODE>
</CHANGEOVER_FUNC>
<EMERGENCYMODE>
  <EMERGENCYMODE_TIME>180</EMERGENCYMODE_TIME>
  <PWMCYCLE>15</PWMCYCLE>
  <PWMHEAT>25</PWMHEAT>
  <PWMCOOL>0</PWMCOOL>
</EMERGENCYMODE>
<VALVEPROTECT>
  <VALVEPROTECT_TIME>14</VALVEPROTECT_TIME>
  <DURATION>5</DURATION>
</VALVEPROTECT>
<PUMPPROTECT>
  <PUMPPROTECT_TIME>3</PUMPPROTECT_TIME>
  <DURATION>5</DURATION>
</PUMPPROTECT>
<HEATAREA nr="1">
  <HEATAREA_NAME>1Kitchen</HEATAREA_NAME>
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>22.6</T_ACTUAL>
  <T_ACTUAL_EXT>22.6</T_ACTUAL_EXT>
  <T_TARGET>28.0</T_TARGET>
  <T_TARGET_BASE>28.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <T_TARGET_MIN>5.0</T_TARGET_MIN>
  <T_TARGET_MAX>30.0</T_TARGET_MAX>

```

```

<RPM_MOTOR>0</RPM_MOTOR>
<OFFSET>0.0</OFFSET>
<T_HEAT_DAY>21.0</T_HEAT_DAY>
<T_HEAT_NIGHT>19.0</T_HEAT_NIGHT>
<T_COOL_DAY>21.0</T_COOL_DAY>
<T_COOL_NIGHT>23.0</T_COOL_NIGHT>
<T_FLOOR_DAY>3.0</T_FLOOR_DAY>
<HEATINGSYSTEM>4</HEATINGSYSTEM>
<BLOCK_HC>0</BLOCK_HC>
<ISLOCKED>0</ISLOCKED>
<LOCK_CODE>455A52185EC6F38A</LOCK_CODE>
<LOCK_AVAILABLE>0</LOCK_AVAILABLE>
<LIGHT>15</LIGHT>
<SENSOR_EXT>0</SENSOR_EXT>
<T_TARGET_ADJUSTABLE>1</T_TARGET_ADJUSTABLE>
</HEATAREA>
<HEATAREA nr="2">
  <HEATAREA_NAME>2Bath</HEATAREA_NAME>
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>21.0</T_TARGET>
  <T_TARGET_BASE>21.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <T_TARGET_MIN>5.0</T_TARGET_MIN>
  <T_TARGET_MAX>30.0</T_TARGET_MAX>
  <RPM_MOTOR>0</RPM_MOTOR>
  <OFFSET>0.0</OFFSET>
  <T_HEAT_DAY>21.0</T_HEAT_DAY>
  <T_HEAT_NIGHT>19.0</T_HEAT_NIGHT>
  <T_COOL_DAY>21.0</T_COOL_DAY>
  <T_COOL_NIGHT>23.0</T_COOL_NIGHT>
  <T_FLOOR_DAY>3.0</T_FLOOR_DAY>
  <HEATINGSYSTEM>4</HEATINGSYSTEM>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_CODE>455A528B33F719DB</LOCK_CODE>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <LIGHT>15</LIGHT>
  <SENSOR_EXT>0</SENSOR_EXT>
  <T_TARGET_ADJUSTABLE>1</T_TARGET_ADJUSTABLE>
</HEATAREA>
<HEATAREA nr="3">
  <HEATAREA_NAME>3Cellar</HEATAREA_NAME>
  <HEATAREA_MODE>0</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>20.5</T_TARGET>
  <T_TARGET_BASE>20.5</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <T_TARGET_MIN>0.0</T_TARGET_MIN>
  <T_TARGET_MAX>0.0</T_TARGET_MAX>
  <RPM_MOTOR>0</RPM_MOTOR>
  <OFFSET>0.0</OFFSET>
  <T_HEAT_DAY>0.0</T_HEAT_DAY>
  <T_HEAT_NIGHT>0.0</T_HEAT_NIGHT>
  <T_COOL_DAY>0.0</T_COOL_DAY>
  <T_COOL_NIGHT>0.0</T_COOL_NIGHT>
  <T_FLOOR_DAY>0.0</T_FLOOR_DAY>
  <HEATINGSYSTEM>4</HEATINGSYSTEM>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_CODE>455A524BC49A19DB</LOCK_CODE>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <LIGHT>0</LIGHT>
  <SENSOR_EXT>0</SENSOR_EXT>
  <T_TARGET_ADJUSTABLE>1</T_TARGET_ADJUSTABLE>
</HEATAREA>
<HEATAREA nr="4">
  <HEATAREA_NAME>4Livingroom</HEATAREA_NAME>

```



```

<HEATAREA_MODE>0</HEATAREA_MODE>
<T_ACTUAL>22.9</T_ACTUAL>
<T_ACTUAL_EXT>22.9</T_ACTUAL_EXT>
<T_TARGET>19.0</T_TARGET>
<T_TARGET_BASE>19.0</T_TARGET_BASE>
<HEATAREA_STATE>0</HEATAREA_STATE>
<PROGRAM_SOURCE>0</PROGRAM_SOURCE>
<PROGRAM_WEEK>2</PROGRAM_WEEK>
<PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
<PARTY>0</PARTY>
<PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
<PRESENCE>0</PRESENCE>
<T_TARGET_MIN>5.0</T_TARGET_MIN>
<T_TARGET_MAX>30.0</T_TARGET_MAX>
<RPM_MOTOR>0</RPM_MOTOR>
<OFFSET>0.0</OFFSET>
<T_HEAT_DAY>21.0</T_HEAT_DAY>
<T_HEAT_NIGHT>19.0</T_HEAT_NIGHT>
<T_COOL_DAY>21.0</T_COOL_DAY>
<T_COOL_NIGHT>23.0</T_COOL_NIGHT>
<T_FLOOR_DAY>3.0</T_FLOOR_DAY>
<HEATINGSYSTEM>4</HEATINGSYSTEM>
<BLOCK_HC>0</BLOCK_HC>
<ISLOCKED>0</ISLOCKED>
<LOCK_CODE>455A524213F06ABE</LOCK_CODE>
<LOCK_AVAILABLE>0</LOCK_AVAILABLE>
<LIGHT>0</LIGHT>
<SENSOR_EXT>0</SENSOR_EXT>
<T_TARGET_ADJUSTABLE>1</T_TARGET_ADJUSTABLE>
</HEATAREA>
<HEATAREA nr="5">
  <HEATAREA_NAME>5Service</HEATAREA_NAME>
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>21.0</T_ACTUAL>
  <T_ACTUAL_EXT>21.0</T_ACTUAL_EXT>
  <T_TARGET>5.0</T_TARGET>
  <T_TARGET_BASE>5.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <T_TARGET_MIN>5.0</T_TARGET_MIN>
  <T_TARGET_MAX>30.0</T_TARGET_MAX>
  <RPM_MOTOR>0</RPM_MOTOR>
  <OFFSET>0.0</OFFSET>
  <T_HEAT_DAY>21.0</T_HEAT_DAY>
  <T_HEAT_NIGHT>19.0</T_HEAT_NIGHT>
  <T_COOL_DAY>21.0</T_COOL_DAY>
  <T_COOL_NIGHT>23.0</T_COOL_NIGHT>
  <T_FLOOR_DAY>3.0</T_FLOOR_DAY>
  <HEATINGSYSTEM>4</HEATINGSYSTEM>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_CODE>455A5236F88202DD</LOCK_CODE>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <LIGHT>0</LIGHT>
  <SENSOR_EXT>0</SENSOR_EXT>
  <T_TARGET_ADJUSTABLE>1</T_TARGET_ADJUSTABLE>
</HEATAREA>
<HEATCTRL nr="1">
  <INUSE>1</INUSE>
  <HEATAREA_NR>1</HEATAREA_NR>
  <ACTOR>1</ACTOR>
  <ACTOR_PERCENT>100</ACTOR_PERCENT>
  <HEATCTRL_STATE>1</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="2">
  <INUSE>1</INUSE>
  <HEATAREA_NR>2</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="3">
  <INUSE>1</INUSE>
  <HEATAREA_NR>3</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>

```

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</HEATCTRL>
<HEATCTRL nr="4">
  <INUSE>1</INUSE>
  <HEATAREA_NR>4</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="5">
  <INUSE>1</INUSE>
  <HEATAREA_NR>5</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="6">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="7">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="8">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="9">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="10">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="11">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<HEATCTRL nr="12">
  <INUSE>0</INUSE>
  <HEATAREA_NR>0</HEATAREA_NR>
  <ACTOR>0</ACTOR>
  <ACTOR_PERCENT>0</ACTOR_PERCENT>
  <HEATCTRL_STATE>0</HEATCTRL_STATE>
</HEATCTRL>
<IODEVICE nr="1">
  <IODEVICE_TYPE>0</IODEVICE_TYPE>
  <IODEVICE_ID>1</IODEVICE_ID>
  <IODEVICE_VERS_HW>1</IODEVICE_VERS_HW>
  <IODEVICE_VERS_SW>95.66</IODEVICE_VERS_SW>
  <HEATAREA_NR>1</HEATAREA_NR>
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>2</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>
<IODEVICE nr="2">
  <IODEVICE_TYPE>0</IODEVICE_TYPE>
  <IODEVICE_ID>2</IODEVICE_ID>
  <IODEVICE_VERS_HW>1</IODEVICE_VERS_HW>
  <IODEVICE_VERS_SW>95.66</IODEVICE_VERS_SW>
  <HEATAREA_NR>2</HEATAREA_NR>

```

```

        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="3">
        <IODEVICE_TYPE>1</IODEVICE_TYPE>
        <IODEVICE_ID>3</IODEVICE_ID>
        <IODEVICE_VERS_HW>1</IODEVICE_VERS_HW>
        <IODEVICE_VERS_SW>01.62</IODEVICE_VERS_SW>
        <HEATAREA NR>3</HEATAREA NR>
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="4">
        <IODEVICE_TYPE>4</IODEVICE_TYPE>
        <IODEVICE_ID>4</IODEVICE_ID>
        <IODEVICE_VERS_HW>1</IODEVICE_VERS_HW>
        <IODEVICE_VERS_SW>01.70</IODEVICE_VERS_SW>
        <HEATAREA NR>4</HEATAREA NR>
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="5">
        <IODEVICE_TYPE>8</IODEVICE_TYPE>
        <IODEVICE_ID>5</IODEVICE_ID>
        <IODEVICE_VERS_HW>0</IODEVICE_VERS_HW>
        <IODEVICE_VERS_SW>00.00</IODEVICE_VERS_SW>
        <HEATAREA NR>5</HEATAREA NR>
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>0</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
</Device>
</Devices>

```

Dynamic.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<Devices>
  <Device>
    <ERRORCOUNT>0</ERRORCOUNT>
    <DATETIME>2015-07-08T11:15:51</DATETIME>
    <DAYOFWEEK>3</DAYOFWEEK>
    <TIMEZONE>1</TIMEZONE>
    <TPS>0</TPS>
    <LIMITER>0</LIMITER>
    <CHANGEOVER>0</CHANGEOVER>
    <COOLING>0</COOLING>
    <MODE>0</MODE>
    <ANTIFREEZE_TEMP>8.0</ANTIFREEZE_TEMP>
    <ECO_INPUT_STATE>0</ECO_INPUT_STATE>
    <T_HEAT_VACATION>16.0</T_HEAT_VACATION>
    <VACATION>
      <VACATION_STATE>0</VACATION_STATE>
      <START_DATE>2015-00-00</START_DATE>
      <START_TIME>12:00:00</START_TIME>
      <END_DATE>2015-00-00</END_DATE>
      <END_TIME>12:00:00</END_TIME>
    </VACATION>
    <CLOUD>
      <M2MSTATE>Offline</M2MSTATE>
    </CLOUD>
    <KWLCTRL>
      <KWL_CONTROL_VISIBLE>0</KWL_CONTROL_VISIBLE>
      <KWL_PRESENT>0</KWL_PRESENT>
      <KWL_CONNECTION>0</KWL_CONNECTION>
      <KWL_STATUS>0</KWL_STATUS>
      <KWL_FLOWCTRL>0</KWL_FLOWCTRL>
    </KWLCTRL>
    <HEATAREA nr="1">
      <HEATAREA_MODE>1</HEATAREA_MODE>
    </HEATAREA>
  </Device>
</Devices>

```

```

<T_ACTUAL>22.6</T_ACTUAL>
<T_ACTUAL_EXT>22.6</T_ACTUAL_EXT>
<T_TARGET>28.0</T_TARGET>
<T_TARGET_BASE>28.0</T_TARGET_BASE>
<HEATAREA_STATE>0</HEATAREA_STATE>
<PROGRAM_SOURCE>0</PROGRAM_SOURCE>
<PROGRAM_WEEK>2</PROGRAM_WEEK>
<PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
<PARTY>0</PARTY>
<PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
<PRESENCE>0</PRESENCE>
<RPM_MOTOR>0</RPM_MOTOR>
<BLOCK_HC>0</BLOCK_HC>
<ISLOCKED>0</ISLOCKED>
<LOCK_AVAILABLE>0</LOCK_AVAILABLE>
<SENSOR_EXT>0</SENSOR_EXT>
</HEATAREA>
<HEATAREA nr="2">
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>21.0</T_TARGET>
  <T_TARGET_BASE>21.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <RPM_MOTOR>0</RPM_MOTOR>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <SENSOR_EXT>0</SENSOR_EXT>
</HEATAREA>
<HEATAREA nr="3">
  <HEATAREA_MODE>0</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>20.5</T_TARGET>
  <T_TARGET_BASE>20.5</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <RPM_MOTOR>0</RPM_MOTOR>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <SENSOR_EXT>0</SENSOR_EXT>
</HEATAREA>
<HEATAREA nr="4">
  <HEATAREA_MODE>0</HEATAREA_MODE>
  <T_ACTUAL>22.9</T_ACTUAL>
  <T_ACTUAL_EXT>22.9</T_ACTUAL_EXT>
  <T_TARGET>19.0</T_TARGET>
  <T_TARGET_BASE>19.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <RPM_MOTOR>0</RPM_MOTOR>
  <BLOCK_HC>0</BLOCK_HC>
  <ISLOCKED>0</ISLOCKED>
  <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
  <SENSOR_EXT>0</SENSOR_EXT>
</HEATAREA>
<HEATAREA nr="5">
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>21.0</T_ACTUAL>
  <T_ACTUAL_EXT>21.0</T_ACTUAL_EXT>
  <T_TARGET>5.0</T_TARGET>
  <T_TARGET_BASE>5.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>

```

```

        <PROGRAM_WEEK>2</PROGRAM_WEEK>
        <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
        <PARTY>0</PARTY>
        <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
        <PRESENCE>0</PRESENCE>
        <RPM_MOTOR>0</RPM_MOTOR>
        <BLOCK_HC>0</BLOCK_HC>
        <ISLOCKED>0</ISLOCKED>
        <LOCK_AVAILABLE>0</LOCK_AVAILABLE>
        <SENSOR_EXT>0</SENSOR_EXT>
    </HEATAREA>
    <IODEVICE nr="1">
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="2">
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="3">
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="4">
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>2</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
    <IODEVICE nr="5">
        <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
        <BATTERY>0</BATTERY>
        <IODEVICE_STATE>0</IODEVICE_STATE>
        <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
        <ISON>1</ISON>
    </IODEVICE>
</Device>
</Devices>

```

Cyclic.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<Devices>
    <Device>
        <DATETIME>2015-07-08T11:16:46</DATETIME>
        <DAYOFWEEK>3</DAYOFWEEK>
        <TIMEZONE>1</TIMEZONE>
        <TPS>0</TPS>
        <LIMITER>0</LIMITER>
        <CHANGEOVER>0</CHANGEOVER>
        <COOLING>0</COOLING>
        <ANTIFREEZE_TEMP>8.0</ANTIFREEZE_TEMP>
        <ECO_INPUT_STATE>0</ECO_INPUT_STATE>
        <T_HEAT_VACATION>16.0</T_HEAT_VACATION>
        <VACATION>
            <VACATION_STATE>0</VACATION_STATE>
            <START_DATE>2015-00-00</START_DATE>
            <START_TIME>12:00:00</START_TIME>
            <END_DATE>2015-00-00</END_DATE>
            <END_TIME>12:00:00</END_TIME>
        </VACATION>
        <CLOUD>
            <M2MSTATE>Offline</M2MSTATE>
        </CLOUD>
        <KWLCTRL>
            <KWL_CONTROL_VISIBLE>0</KWL_CONTROL_VISIBLE>
            <KWL_PRESENT>0</KWL_PRESENT>
            <KWL_CONNECTION>0</KWL_CONNECTION>
            <KWL_STATUS>0</KWL_STATUS>
            <KWL_FLOWCTRL>0</KWL_FLOWCTRL>
        </KWLCTRL>
    </Device>
</Devices>

```

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<HEATAREA nr="1">
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>22.6</T_ACTUAL>
  <T_ACTUAL_EXT>22.6</T_ACTUAL_EXT>
  <T_TARGET>28.0</T_TARGET>
  <T_TARGET_BASE>28.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <ISLOCKED>0</ISLOCKED>
</HEATAREA>
<HEATAREA nr="2">
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>21.0</T_TARGET>
  <T_TARGET_BASE>21.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <ISLOCKED>0</ISLOCKED>
</HEATAREA>
<HEATAREA nr="3">
  <HEATAREA_MODE>0</HEATAREA_MODE>
  <T_ACTUAL>22.8</T_ACTUAL>
  <T_ACTUAL_EXT>22.8</T_ACTUAL_EXT>
  <T_TARGET>20.5</T_TARGET>
  <T_TARGET_BASE>20.5</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <ISLOCKED>0</ISLOCKED>
</HEATAREA>
<HEATAREA nr="4">
  <HEATAREA_MODE>0</HEATAREA_MODE>
  <T_ACTUAL>22.9</T_ACTUAL>
  <T_ACTUAL_EXT>22.9</T_ACTUAL_EXT>
  <T_TARGET>19.0</T_TARGET>
  <T_TARGET_BASE>19.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <ISLOCKED>0</ISLOCKED>
</HEATAREA>
<HEATAREA nr="5">
  <HEATAREA_MODE>1</HEATAREA_MODE>
  <T_ACTUAL>21.0</T_ACTUAL>
  <T_ACTUAL_EXT>21.0</T_ACTUAL_EXT>
  <T_TARGET>5.0</T_TARGET>
  <T_TARGET_BASE>5.0</T_TARGET_BASE>
  <HEATAREA_STATE>0</HEATAREA_STATE>
  <PROGRAM_SOURCE>0</PROGRAM_SOURCE>
  <PROGRAM_WEEK>2</PROGRAM_WEEK>
  <PROGRAM_WEEKEND>0</PROGRAM_WEEKEND>
  <PARTY>0</PARTY>
  <PARTY_REMAININGTIME>0</PARTY_REMAININGTIME>
  <PRESENCE>0</PRESENCE>
  <ISLOCKED>0</ISLOCKED>
</HEATAREA>
<IODEVICE nr="1">
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>2</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>

```

```
<IODEVICE nr="2">
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>2</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>
<IODEVICE nr="3">
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>2</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>
<IODEVICE nr="4">
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>2</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>
<IODEVICE nr="5">
  <SIGNALSTRENGTH>2</SIGNALSTRENGTH>
  <BATTERY>0</BATTERY>
  <IODEVICE_STATE>0</IODEVICE_STATE>
  <IODEVICE_COMERROR>0</IODEVICE_COMERROR>
  <ISON>1</ISON>
</IODEVICE>
</Device>
</Devices>
```