



Webhooks are HTTP triggers that are sent when an event occurs. This event can be used to send data that makes it possible to control third-party APIs. The structure of the data can be freely determined. The variable user data are inserted with the help of variables. These are replaced at the time of triggering.

All API and SNMP examples shown here refer to the current versions of the respective products at the time of writing. These are subject to ongoing development. The ReST API as well as the SNMP interfaces are delivered according to the documentation. KENTIX assumes that the user has basic knowledge of these technologies when using these interfaces. In order to support you optimally in the implementation of your individual project requirements, we

offer suitable support packages. You can easily book a corresponding time contingent in the [Kentix Shop](#).

## Possible variables

Variable name	Description
<b>Alarm</b>	
"\$ACTIVE_ALARM_SENSOR_NAME\$"	Alarm Sensor Name
"\$ACTIVE_ALARM_MEASUREMENT_VALUE\$"	Alarm Sensor Measurement Value: (Value Unit)
"\$ACTIVE_ALARM_VALUE\$"	Alarm Sensor Alarm State: <b>0:</b> OK <b>1:</b> Alarm <b>2:</b> Alarm acknowledgeable <b>3:</b> Warning <b>4:</b> Prealarm <b>5:</b> Warning acknowledgeable
<b>User</b>	
"\$USER_ID\$"	User ID
"\$USER_NAME\$"	User Name
"\$USER_FULLNAME\$"	User Full Name
"\$USER_MAIL\$"	User Mail
"\$USER_RFID_UID\$"	User RFID UID
"\$USER_RFID_DATA\$"	User RFID DATA
"\$USER_PIN\$"	User PIN
"\$USER_UUID\$"	User UUID
"\$USER_PHONE_NUMBER\$"	User Phone number
<b>Access</b>	
"\$ACCESS_STATE\$"	Access Request Result: <b>0:</b> Ok <b>1:</b> Invalid remote request <b>2:</b> Device not found <b>3:</b> RFID unknown <b>4:</b> PIN unknown <b>5:</b> 2-factor auth. failed <b>6:</b> User not found <b>7:</b> No time permission <b>8:</b> No door permission <b>9:</b> General error

Variable name	Description
<b>Device</b>	
“\$DEVICE_ID\$”	Device ID
“\$DEVICE_NAME\$”	Device Name
“\$DEVICE_ADDRESS\$”	Device Address
“\$DEVICE_MAC\$”	Device MAC
“\$DEVICE_SERIAL\$”	Device Serial Number
“\$DEVICE_UUID\$”	Device UUID
“\$DEVICE_TYPE\$”	Device Type
<b>Sensors</b>	
<b>For all sensor variables:</b>	“..._V ALUE ” =(Value Unit)
	“..._A LARM ” = Alarm Sensor Alarm State: <b>0:</b> OK <b>1:</b> Alarm <b>2:</b> Alarm acknowledgeable <b>3:</b> Warning <b>4:</b> Prealarm <b>5:</b> Warning acknowledgeable
	“...[number]\$” = Number of Input: [ <b>1-9</b> ]
“\$INPUT_VALUE[number]\$”	Input Measurement Value of Sensor
“\$INPUT_ALARM[number]\$”	Input Alarm State of Sensor
“\$DI_NAME[number]\$”	Digital Input Name
“\$BATTERY_ALARM\$”	Battery Alarm State
“\$CO2_VALUE\$”	CO2 Measurement Value
“\$CO2_ALARM\$”	CO2 Alarm State
“\$DEWPOINT_VALUE\$”	Dewpoint Measurement Value
“\$DEWPOINT_ALARM\$”	Dewpoint Alarm State
“\$HUMIDITY_VALUE\$”	Humidity Measurement Value
“\$HUMIDITY_ALARM\$”	Humidity Alarm State
“\$LATENCY_VALUE\$”	Latency Measurement Value
“\$LATENCY_ALARM\$”	Latency Alarm State
“\$MOTION_VALUE\$”	Motion Measurement Value
“\$MOTION_ALARM\$”	Motion Alarm State

Variable name	Description
"\$REED_VALUE\$"	Reed Measurement Value
"\$REED_ALARM\$"	Reed Alarm State
"\$SABOTAGE_VALUE\$"	Sabotage Measurement Value
"\$SABOTAGE_ALARM\$"	Sabotage Alarm State
"\$CONNECTION_VALUE\$"	Connection Measurement Value
"\$CONNECTION_ALARM\$"	Connection Alarm State
"\$EXTPOWER_VALUE\$"	External Power Measurement Value
"\$EXTPOWER_ALARM\$"	External Power Alarm State
"\$TEMPERATURE_VALUE\$"	Temperature Measurement Value
"\$TEMPERATURE_ALARM\$"	Temperature Alarm State
"\$TILT_VALUE\$"	Tilt Measurement Value
"\$TILT_ALARM\$"	Tilt Alarm State
"\$VIBRATION_VALUE\$"	Vibration Measurement Value
"\$VIBRATION_ALARM\$"	Vibration Alarm State
"\$SNMP_VALUE\$"	SNMP Measurement Value
"\$SNMP_ALARM\$"	SNMP Alarm State
"\$AIR_QUALITY_VALUE\$"	Air Quality Measurement Value
"\$AIR_QUALITY_ALARM\$"	Air Quality Alarm State
"\$AIR_QUALITY_FIRE_VALUE\$"	Air Quality Fire Measurement Value
"\$AIR_QUALITY_FIRE_ALARM\$"	Air Quality Fire Alarm State
"\$FIRE_HEAT_VALUE\$"	Fire Heat Measurement Value
"\$FIRE_HEAT_ALARM\$"	Fire Heat Alarm State
"\$FIRE_TI_VALUE\$"	Fire TI Measurement Value
"\$FIRE_TI_ALARM\$"	Fire TI Alarm State
"\$FIRE_CO_VALUE\$"	Fire CO Measurement Value
"\$FIRE_CO_ALARM\$"	Fire CO Alarm State
<b>Power</b>	
<b>For all power variables:</b>	"..._VALUE" =(Value Unit)

Variable name	Description
	<p>" ..._ALARM " = Alarm State: <b>0</b>: OK  <b>1</b>: Alarm  <b>2</b>: Alarm acknowledgeable  <b>3</b>: Warning  <b>4</b>: Prealarm  <b>5</b>: Warning acknowledgeable</p>
	<p>"...[number]\$" = Number of Phase [ <b>1-3</b> ]</p>
<b>phase</b>	
"\$PHASE_NAME[number]\$"	Phase Name
"\$PHASE_NUMBER[number]\$"	Phase Number
"\$VOLTAGE[number]\$"	Phase Voltage
"\$VOLTAGE_ALARM[number]\$"	Phase Voltage Alarm State
"\$CURRENT[number]\$"	Phase Current
"\$CURRENT_ALARM[number]\$"	Phase Current Alarm State
"\$POWER_ACTIVE[number]\$"	Active Power
"\$POWER_ACTIVE_ALARM[number]\$"	Active Power Alarm State
"\$POWER_REACTIVE[number]\$"	Reactive Power
"\$POWER_REACTIVE_ALARM[number]\$"	Reactive Power Alarm State
"\$POWER_APPARENT[number]\$"	Apparent Power
"\$POWER_APPARENT_ALARM[number]\$"	Apparent Power Alarm State
"\$POWER_FACTOR[number]\$"	Power Factor
"\$FREQUENCY[number]\$"	Frequency
"\$FREQUENCY_ALARM[number]\$"	Frequency Alarm State
"\$CONSUMPTION[number]\$"	Power Consumption Value
"\$FUSE_ALARM[number]\$"	Fuse Alarm State
"\$FUSE_VALUE[number]\$"	Fuse Value
<b>device</b>	
"\$RCM_AC\$"	AC RCM
"\$RCM_AC_ALARM\$"	AC RCM Alarm State
"\$RCM_DC\$"	DC RCM
"\$RCM_DC_ALARM\$"	DC Alarm State
"\$SYNCHRONICITY_VALUE\$"	Power Synchronicity

Variable name	Description
“\$SYNCHRONICITY_ALARM\$”	Power Synchronicity Alarm State
<b>Groups</b>	
“\$GROUP_ID\$”	Group ID
“\$GROUP_NAME\$”	Group Name
“\$GROUP_STATE\$”	Group Arming State: <b>0</b> : Disarmed <b>1</b> : Armed
“\$GROUP_UUID\$”	Group UUID
\$GROUP_ARMED_PREALARM_COUNT\$”	Group “Armed Active” Prealarm Count
“\$GROUP_ARMED_ALARM_COUNT\$”	Group “Armed Active” Alarm Count
“\$GROUP_ARMED_QUITABLE_ALARM_COUNT\$”	Group “Armed Active” acknowledgeable alarms Count
“\$GROUP_ARMED_WARNING_COUNT\$”	Group “Armed Active” Warning Count
“\$GROUP_ALWAYS_ALARM_COUNT\$”	Group “Always Active” Alarm Count
“\$GROUP_ALWAYS_QUITABLE_ALARM_COUNT\$”	Group “Always Active” acknowledgeable alarm count
“\$GROUP_ALWAYS_WARNING_COUNT\$”	Group “Always Active” Warning Count
“\$GROUP_ALWAYS_QUITABLE_WARNING_COUNT\$”	Group “Always Active” acknowledgeable alarm count
“\$GROUP_FIRE_ALARM_COUNT\$”	Group “Fire” Alarm Count
“\$GROUP_FIRE_QUITABLE_ALARM_COUNT\$”	Group “Fire” acknowledgeable alarm count
“\$GROUP_FIRE_WARNING_COUNT\$”	Group “Fire” Warning Count
“\$GROUP_FIRE_QUITABLE_WARNING_COUNT\$”	Group “Fire” acknowledgeable Warning Count
“\$GROUP_SABOTAGE_ALARM_COUNT\$”	Group “Sabotage” Alarm Count
“\$GROUP_SABOTAGE_QUITABLE_ALARM_COUNT\$”	Group “Sabotage” acknowledgeable alarm count
“\$GROUP_SABOTAGE_WARNING_COUNT\$”	Group “Sabotage” Warning Count
“\$GROUP_SABOTAGE_QUITABLE_WARNING_COUNT\$”	Group “Sabotage” acknowledgeable Warning Count
“\$GROUP_SYSTEM_ALARM_COUNT\$”	Group “System” Alarm Count
“\$GROUP_SYSTEM_QUITABLE_ALARM_COUNT\$”	Group “System” acknowledgeable alarm count

Variable name	Description
"\$GROUP_SYSTEM_WARNING_COUNT\$"	Group "System" Warning Count
"\$GROUP_SYSTEM_QUITABLE_WARNING_COUNT\$"	Group "System" acknowledgeable Warning Count
<b>System</b>	
"\$SYSTEM_TIME\$"	System Time YYYY-MM-DD HH:MM:SS
"\$SYSTEM_UNIXTIME\$"	System Time in Unixtime (UTC)
"\$SYSTEM_TEMP_UNIT\$"	System Temperature Unit (F/C)
"\$SYSTEM_NAME\$"	System Name
"\$SYSTEM_ADDRESS\$"	System Address
"\$SYSTEM_MAC\$"	System MAC
"\$SYSTEM_HOSTNAME\$"	System hostname
"\$SYSTEM_SERIAL\$"	System Serial Number

Possible Variables for Webhooks (Version 8.3.4)

## Examples

### Simple message

```
{
  "alarm-sensor-name:" "$ACTIVE_ALARM_SENSOR_NAME$",
  "alarm-sensor-value:" "$ACTIVE_ALARM_MEASUREMENT_VALUE$",
  "active-alarm-assignment:" "$ACTIVE_ALARM_ALARM_VALUE$"
}
```

### Access

```
{
  "time:" "$SYSTEM_TIME$",
  "user:" "$USER_NAME$",
  "rfid:" "$USER_RFID_UID$",
  "pin:" "$USER_PIN$",
  "state:" "$ACCESS_STATE$",
  "door:" "$DEVICE_NAME$"
}
```

### MultiSensor

```
{
```

```

"time:" "$SYSTEM_TIME$",
"device-name:" "$DEVICE_NAME$",
"temperature-unit:" "$SYSTEM_TEMP_UNIT$",
"temperature:" "$TEMPERATURE_VALUE$",
"humidity:" "$HUMIDITY_VALUE$",
"humidity-alarm:" "$HUMIDITY_ALARM$",
"dewpoint:" "$DEWPOINT_VALUE$",
"dewpoint-alarm:" "$DEWPOINT_ALARM$",
"fire-co:" "$FIRE_CO_VALUE$",
"fire-alarm:" "$FIRE_CO_ALARM$",
"fire-air-quality:" "$AIR-QUALITY-FIRE-VALUE$",
"fire-air-quality-alarm:" "$AIR_QUALITY_FIRE_ALARM$",
"intrusion:" "$MOTION_VALUE$",
"intrusion-alarm:" "$MOTION_ALARM$",
"vibration:" "$VIBRATION_VALUE$",
"vibration-alarm:" "$VIBRATION_ALARM$",
"input1-name:" "$DI_NAME[1]$",
"input1_value:" "$INPUT_VALUE[1]$",
"input1-alarm:" "$INPUT_ALARM[1]$",
"input2-name:" "$DI_NAME[2]$",
"input2_value:" "$INPUT_VALUE[2]$",
"input2-alarm:" "$INPUT_ALARM[2]$",
"connection:" "$CONNECTION_VALUE$",
"connection-alarm:" "$CONNECTION_ALARM$",
"external power:" "$EXTPOWER_VALUE$",
"extpower-alarm:" "$EXTPOWER_ALARM$"
}

```

## PowerManager

```

{
  "time:" "$SYSTEMTIME$",
  "system-name:" "SYSTEM-NAME$",
  "address:" "$SYSTEM_ADDRESS$",
  "rcm:"
  {
    "ac:"
    {
      "value:" "$RCM_AC$",
      "alarm:" "$RCM_AC_ALARM$"
    },
    "dc":
    {
      "value:" "$RCM_DC$",
      "alarm:" "$RCM_DC_ALARM$"
    }
  }
}

```



```

{
  "synchronicity":
  {
    "value:" "$SYNCHRONICITY_VALUE$",
    "alarm:" "$SYNCHRONICITY_ALARM$"
  }
},
"power_failure:" "$POWER_FAILURE_ALARM$",
"phases:"
[
  {
    "name": "$PHASE_NAME[1]$",
    "number": "$PHASE_NUMBER[1]$",
    "voltage":
    {
      "value": "$VOLTAGE[1]$",
      "alarm": "$VOLTAGE_ALARM[1]$"
    },
    "current":
    {
      "value": "$CURRENT[1]$",
      "alarm": "$CURRENT_ALARM[1]$"
    },
    "power":
    {
      "active":
      {
        "value": "$POWER_ACTIVE[1]$",
        "alarm": "$POWER_ACTIVE_ALARM[1]$"
      },
      "reactive":
      {
        "value": "$POWER_REACTIVE[1]$",
        "alarm": "$POWER_REACTIVE_ALARM[1]$"
      },
      "apparent":
      {
        "value": "$POWER_APPARENT[1]$",
        "alarm": "$POWER_APPARENT_ALARM[1]$"
      },
      "factor":
      {
        "value": "$POWER_FACTOR[1]$"
      }
    }
  },

```

```
    "frequency":
    {
      "value": "$FREQUENCY[1]$",
      "alarm": "$FREQUENCY_ALARM[1]$"
    },
    "consumption":
    {
      "value": "$CONSUMPTION[1]$"
    },
    "fuse":
    {
      "alarm": "$FUSE_ALARM[1]$"
    }
  },
  {
    "name": "$PHASE_NAME[2]$",
    "number": "$PHASE_NUMBER[2]$",
    "voltage":
    {
      "value": "$VOLTAGE[2]$",
      "alarm": "$VOLTAGE_ALARM[2]$"
    },
    "current":
    {
      "value": "$CURRENT[2]$",
      "alarm": "$CURRENT_ALARM[2]$"
    },
    "power":
    {
      "active":
      {
        "value": "$POWER_ACTIVE[2]$",
        "alarm": "$POWER_ACTIVE_ALARM[2]$"
      },
      "reactive":
      {
        "value": "$POWER_REACTIVE[2]$",
        "alarm": "$POWER_REACTIVE_ALARM[2]$"
      },
      "apparent":
      {
        "value": "$POWER_APPARENT[2]$",
        "alarm": "$POWER_APPARENT_ALARM[2]$"
      },
      "factor":
      {
```

```

        "value": "$POWER_FACTOR[2]$"
    },
    "frequency":
    {
        "value": "$FREQUENCY[2]$",
        "alarm": "$FREQUENCY_ALARM[2]$"
    },
    "consumption":
    {
        "value": "$CONSUMPTION[2]$"
    },
    "fuse":
    {
        "alarm": "$FUSE_ALARM[2]$"
    }
},
{
    "name": "$PHASE_NAME[3]$",
    "number": "$PHASE_NUMBER[3]$",
    "voltage":
    {
        "value": "$VOLTAGE[3]$",
        "alarm": "$VOLTAGE_ALARM[3]$"
    },
    "current":
    {
        "value": "$CURRENT[3]$",
        "alarm": "$CURRENT_ALARM[3]$"
    },
    "power":
    {
        "active":
        {
            "value": "$POWER_ACTIVE[3]$",
            "alarm": "$POWER_ACTIVE_ALARM[3]$"
        },
        "reactive":
        {
            "value": "$POWER_REACTIVE[3]$",
            "alarm": "$POWER_REACTIVE_ALARM[3]$"
        },
        "apparent":
        {
            "value": "$POWER_APPARENT[3]$",
            "alarm": "$POWER_APPARENT_ALARM[3]$"
        }
    }
}

```

```
    },  
    "factor":  
    {  
        "value": "$POWER_FACTOR[3]$"  
    }  
},  
"frequency":  
{  
    "value": "$FREQUENCY[3]$",  
    "alarm": "$FREQUENCY_ALARM[3]$"  
},  
"consumption":  
{  
    "value": "$CONSUMPTION[3]$"  
},  
"fuse":  
{  
    "alarm": "$FUSE_ALARM[3]$"  
}  
}  
]  
}
```