



## Device setup – SOAP server address

To be the Web Sensor device able to send data into the Cloud, it is required to configure the SOAP Server address. This SOAP server address is unique for each Web sensor inside Cloud and is tied up with device serial number. It cannot be used same address for multiple devices. Procedure how to determine SOAP server address is described at chapters below.

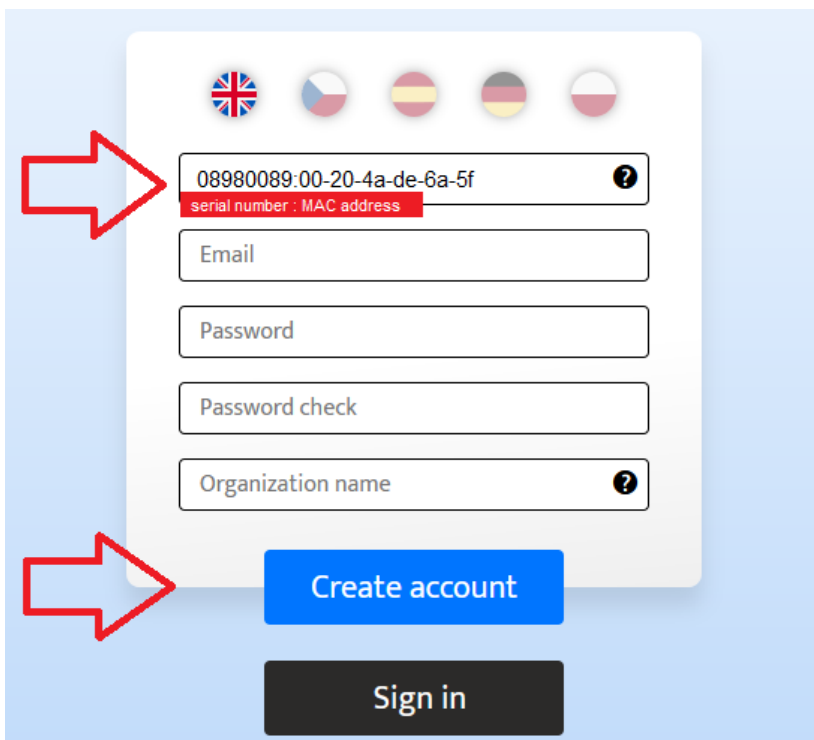
Due to different SOAP server address for each device is security risk by external attacker mitigated. Be aware that SOAP server address needs to be kept in secret. From this reason, it is recommended to enable security inside Web Sensor.

## Connecting older devices

Devices shipped before 16<sup>th</sup> March 2021 and devices already deployed at end users does not have registration card for Cloud. These devices can be still connected into Cloud. Almost all produced Web Sensor devices may to be connected into Cloud (even 10+ years old devices). Connection procedure for older devices:

☒ Please make sure that the device is equipped by compatible firmware version (see chapter [Firmware compatibility](#)).

☒ Device registration into Cloud can be done using device serial number and ~~device~~ MAC address. This information you find at device factory label. These information needs to be inserted into registration form or during adding device (*Administration / Devices / Add device*) with format as shown below. Serial number and MAC address are separated by the colon.



The image shows a registration form with the following fields and buttons:

- Country selection: United Kingdom, Czech Republic, Spain, Germany, Poland.
- Serial number / MAC address field: Contains "08980089:00-20-4a-de-6a-5f" with a red highlight and a question mark icon. A red arrow points to this field.
- Label below the first field: "serial number : MAC address".
- Email field.
- Password field.
- Password check field.
- Organization name field with a question mark icon.
- "Create account" button (blue).
- "Sign in" button (black).


3. After the device is registered into Cloud using serial number and MAC address, it needs to be determined SOAP server address. Address can be determined at list of devices (My Devices) and option *How to configurate a web sensor to send data to Cloud* accessible via left mouse click.

● WebSensor - 17980260	17980260	Waiting for data
> Edit device		
> Alarm profiles		12. 03. 2021 13:56
> How to configure Web Sensor to send data to COMET Cloud		12. 03. 2021 13:57

Administration > Devices > How to configure Web Sensor to send data to COMET Cloud

**Device: WebSensor - 17980260 (Id: 17980260)**

**How to configure Web Sensor to send data to COMET Cloud:**

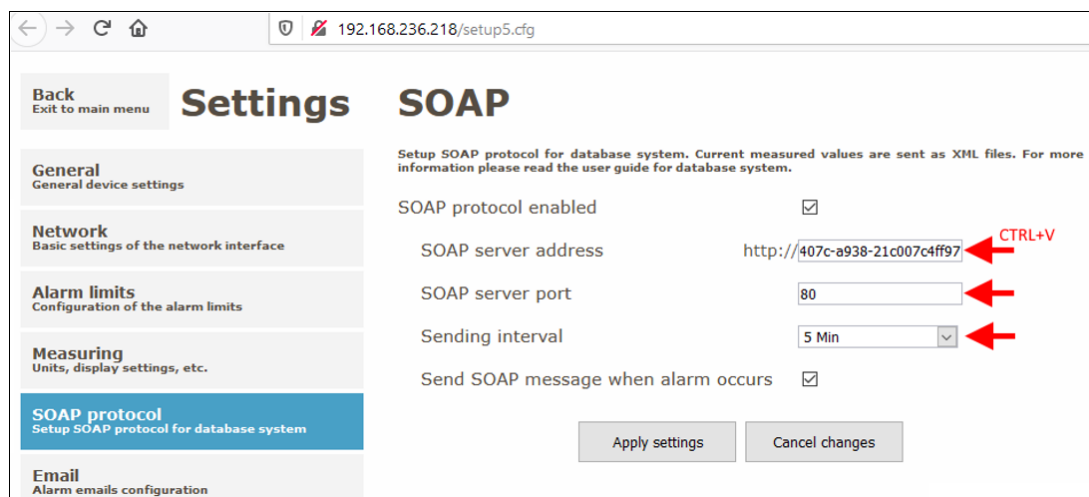
- Go to the Web Sensor web pages, choose Settings, choose SOAP Protocol
- Enable SOAP Protocol and configure it this way:
  - SOAP server address `http://wsi.cometsystem.cloud/790ada24-a`  **COPY SOAP SERVER ADDRESS INTO CLIPBOARD**
  - SOAP server port 80
  - Sending interval choose 5 minutes or greater
- Confirm by the "Apply settings" button

**Warning:**

- Each Web Sensor has its own entry point in the COMET Cloud:  
`http://wsi.cometsystem.cloud/XXXXXXXX-XXXX-XXXX-XXXXXXXXXXXX` Therefore, do not copy one address to multiple devices. But always use this feature to find the specific address for the device you want to configure.
- Sending interval less than 5 minutes is not allowed.  
If you use an interval of **less than 5 minutes**, the data ingestion for that device will be banned after a short time.

4. Final step is a setup Web Sensor. Navigate to device web setup (*Settings / SOAP protocol*) and set following parameters:

- Enable SOAP protocol
- Paste into SOAP server address the value generated by the Cloud
- Set SOAP server port to 80
- Set sending interval as 5 min or greater



Back Exit to main menu

## Settings SOAP

Setup SOAP protocol for database system. Current measured values are sent as XML files. For more information please read the user guide for database system.

SOAP protocol enabled

SOAP server address `http://407c-a938-21c007c4ff97`

SOAP server port

Sending interval

Send SOAP message when alarm occurs

Apply settings Cancel changes

## Connecting new devices

Newly purchased devices (after 16<sup>th</sup> March 2021) are shipped with registration card. This registration card allows to connect Web Sensors into Cloud. Connection procedure is:

1. Insert registration code from registration card into the form.

### COMET Cloud registration

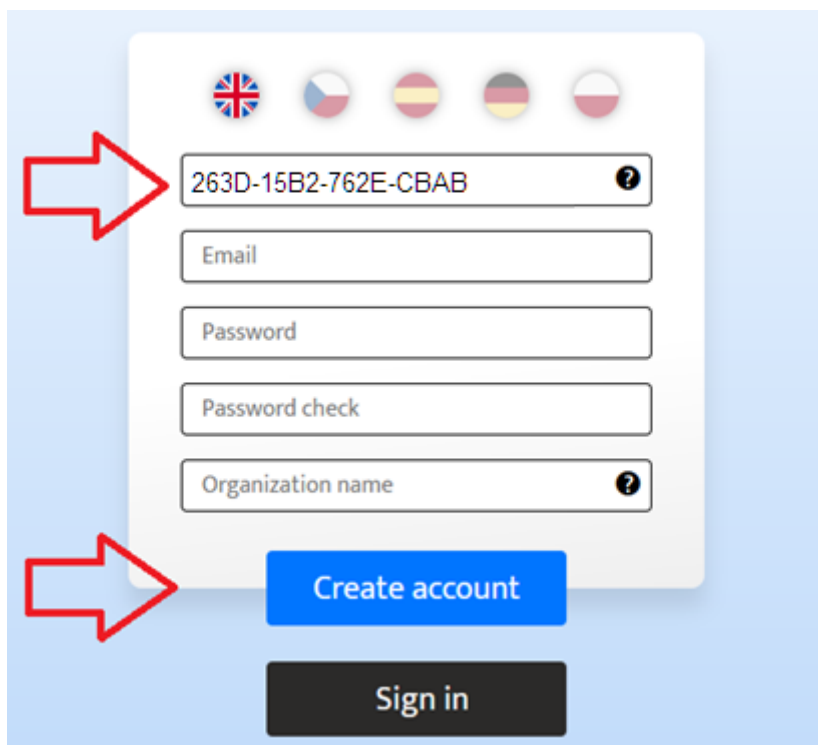
Device:	H6520
Serial number:	18980098
ID number:	----
Registration code:	<b>263D-15B2-762E-CBAB</b>

Do you have COMET Cloud account?

no  yes

#### Registration code allows to:

- create a new COMET Cloud account and assign purchased device under this account
- assign the device to an account already created in COMET Cloud



The screenshot shows the registration form with the following fields and buttons:

- Language selection icons: UK, Czech, Spain, Germany, Poland.
- Registration code field: 263D-15B2-762E-CBAB (with a red arrow pointing to it).
- Email field.
- Password field.
- Password check field.
- Organization name field (with a red arrow pointing to it).
- Buttons: "Create account" (blue) and "Sign in" (black).


3. After the device is registered into Cloud using registration code, it needs to be determined SOAP server address. Address can be determined at list of devices (*My Devices*) and option *How to configurate a web sensor to send data to Cloud* accessible via leftmouse click.

Device Name	ID	Status
WebSensor - 17980260	17980260	Waiting for data
<ul style="list-style-type: none"> <li>&gt; Edit device</li> <li>&gt; Alarm profiles</li> <li>&gt; How to configure Web Sensor to send data to COMET Cloud</li> </ul>		
		12. 03. 2021 13:56
		12. 03. 2021 13:57

Administration > Devices > How to configure Web Sensor to send data to COMET Cloud

**Device: WebSensor - 17980260 (Id: 17980260)**

**How to configure Web Sensor to send data to COMET Cloud:**

- Go to the Web Sensor web pages, choose Settings, choose SOAP Protocol
- Enable SOAP Protocol and configure it this way:
  - SOAP server address `http://wsi.cometsystem.cloud/790ada24-a` 
  - SOAP server port 80
  - Sending interval choose 5 minutes or greater
- Confirm by the "Apply settings" button

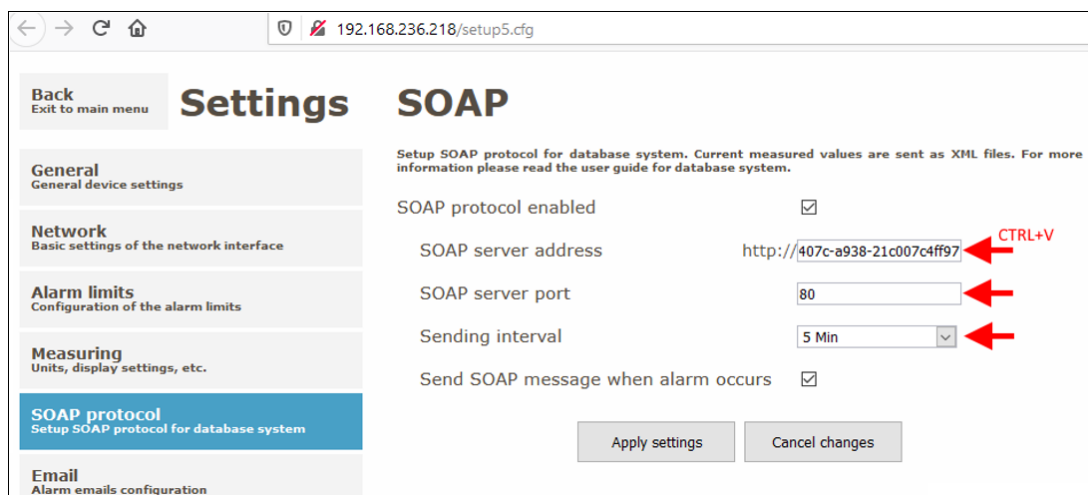
**Warning:**

- Each Web Sensor has its own entry point in the COMET Cloud:  
`http://wsi.cometsystem.cloud/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX` Therefore, do not copy one address to multiple devices. But always use this feature to find the specific address for the device you want to configure.
- Sending interval less than 5 minutes is not allowed.  
If you use an interval of **less than 5 minutes**, the data ingestion for that **device will be banned** after a short time.

*COPY SOAP SERVER ADDRESS INTO CLIPBOARD*

4. Final step is a setup Web Sensor. Navigate to device web setup (*Settings / SOAP protocol*) and set following parameters:

- Enable SOAP protocol
- Paste into SOAP server address the value generated by the Cloud
- Set SOAP server port to 80
- Set sending interval as 5 min or greater



## Firmware compatibility

Function of Cloud was validated with latest firmware versions for Web Sensors. For older devices please make sure that device is equipped by same of higher firmware version as stated at table below. Latest firmware version can be obtained from technical support.

Web Sensor model	Firmware version	Firmware RTM
T-line Tx5xx and Tx6xx	1-5-7-04	2017-09-22
P-line P85xx / P86xx	4-5-8-1	2017-10-19
P-line P2520	Not supported yet	Support coming soon
H-line Hx5xx	9-5-0-01	2017-09-05

## Technical support and feedback

Technical support is provided by distributor of the device. In case of any issue feel free contact us at email [contact@guilcor.com](mailto:contact@guilcor.com). We highly appreciate feedback from end user side. Let us know about your experiences and potential improvements of our products.