

# How to set clock synchronization?

## Module GTCOM2



- If you received SMS messages with wrong date/ time,
- you need to set clock synchronization correctly

# You can select **clock synchronization** via:

## GSM modem

- (If you will not use mobile app and cloud service)

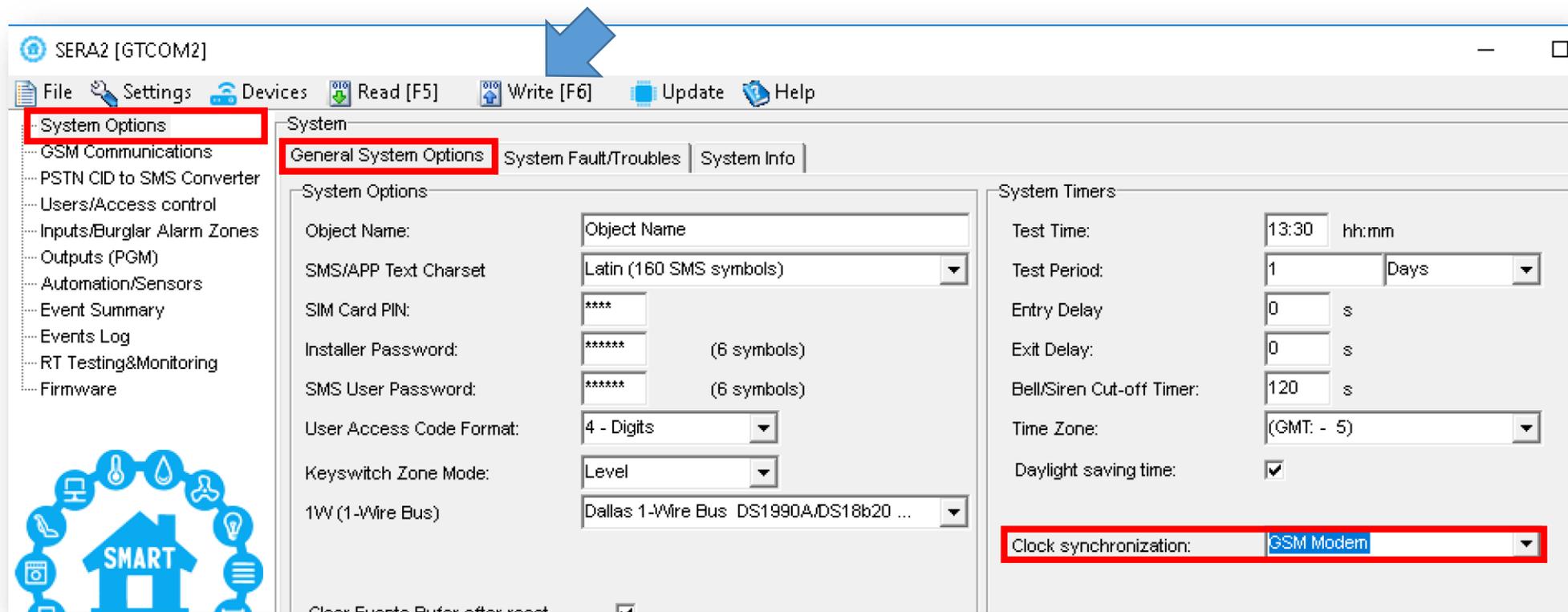
## Cloud Server

- (If you will use mobile app)
- SIM card must have data available
- Insert the SIM card in your smart phone and check is the internet available

or **disable** clock synchronization

# Clock synchronization via GSM modem

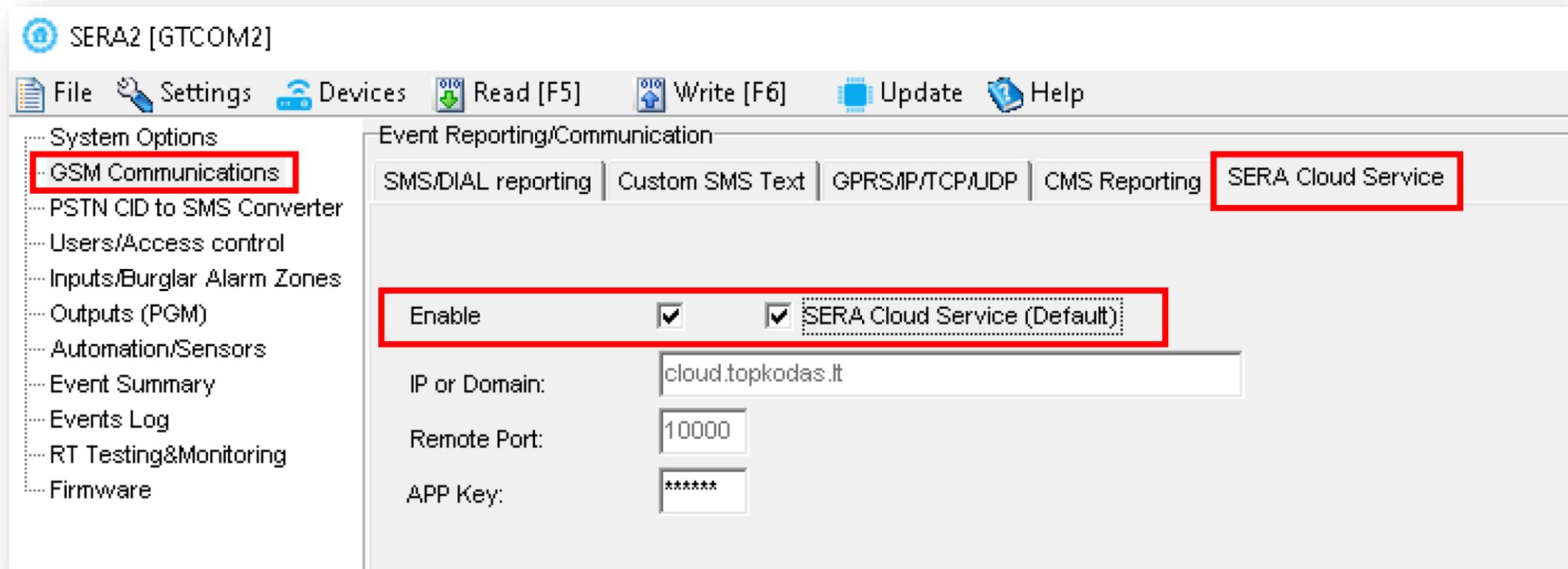
- Go to SERA2> System Options> General System Options
- Set Clock synchronization via **GSM modem**
- Press **“Write”** in the command line



The screenshot displays the SERA2 [GTCOM2] software interface. The window title is "SERA2 [GTCOM2]". The menu bar includes "File", "Settings", "Devices", "Read [F5]", "Write [F6]", "Update", and "Help". A blue arrow points to the "Write [F6]" button. The left sidebar shows a tree view with "System Options" highlighted in red. The main area is divided into two panes: "System Options" and "System Timers". The "System Options" pane has a sub-tab "General System Options" also highlighted in red. It contains several fields: "Object Name" (text box), "SMS/APP Text Charset" (dropdown menu set to "Latin (160 SMS symbols)"), "SIM Card PIN:" (text box with "\*\*\*\*"), "Installer Password:" (text box with "\*\*\*\*\*" and "(6 symbols)"), "SMS User Password:" (text box with "\*\*\*\*\*" and "(6 symbols)"), "User Access Code Format:" (dropdown menu set to "4 - Digits"), "Keyswitch Zone Mode:" (dropdown menu set to "Level"), and "1W (1-Wire Bus)" (dropdown menu set to "Dallas 1-Wire Bus DS1990A,DS18B20 ..."). The "System Timers" pane includes: "Test Time:" (text box with "13:30" and "hh:mm"), "Test Period:" (text box with "1" and "Days" dropdown), "Entry Delay:" (text box with "0" and "s"), "Exit Delay:" (text box with "0" and "s"), "Bell/Siren Cut-off Timer:" (text box with "120" and "s"), "Time Zone:" (dropdown menu set to "(GMT: - 5)"), and "Daylight saving time:" (checkbox checked). At the bottom of the "System Timers" pane, the "Clock synchronization:" dropdown menu is highlighted in red and set to "GSM Modem".

# Clock synchronization via Cloud server

- Go to SERA2> GSM Communication> SERA Cloud Service
- Enable SERA Cloud Service



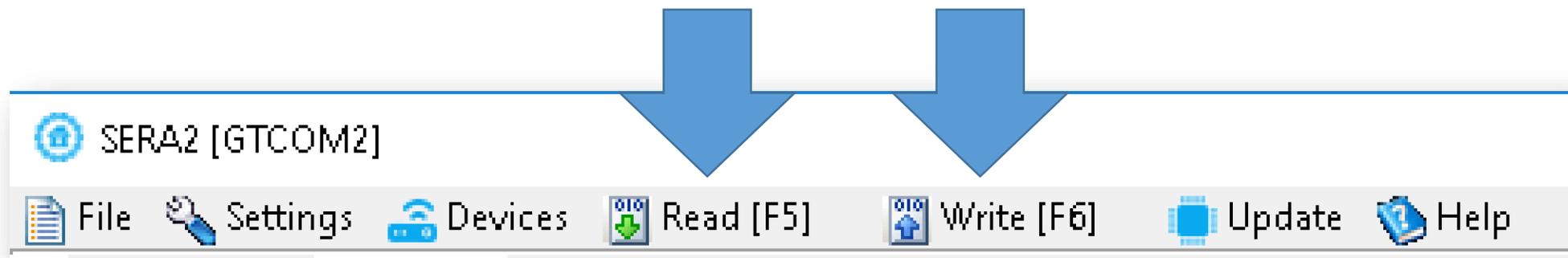
- Go to SERA2> System Options> General System Options
- Set Clock synchronization via **Cloud Server**
- Press **“Write”** in the command line



The screenshot shows the SERA2 [GTCOM2] software interface. The title bar includes 'SERA2 [GTCOM2]' and standard window controls. The menu bar contains 'File', 'Settings', 'Devices', 'Read [F5]', 'Write [F6]', 'Update', and 'Help'. The left sidebar lists various system options, with 'System Options' highlighted in a red box. The main area is divided into two tabs: 'General System Options' (highlighted in a red box) and 'System Fault/Troubles'. The 'General System Options' tab contains several configuration fields: 'Object Name' (text input), 'SMS/APP Text Charset' (dropdown menu set to 'Latin (160 SMS symbols)'), 'SIM Card PIN' (masked input), 'Installer Password' (masked input, 6 symbols), 'SMS User Password' (masked input, 6 symbols), 'User Access Code Format' (dropdown menu set to '4 - Digits'), 'Keyswitch Zone Mode' (dropdown menu set to 'Level'), and '1W (1-Wire Bus)' (dropdown menu set to 'Dallas 1-Wire Bus DS1990A/DS18B20 ...'). To the right, the 'System Timers' section includes 'Test Time' (13:30 hh:mm), 'Test Period' (1 Days), 'Entry Delay' (0 s), 'Exit Delay' (0 s), 'Bell/Siren Cut-off Timer' (120 s), 'Time Zone' (GMT: - 5), and 'Daylight saving time' (checked). At the bottom, the 'Clock synchronization' dropdown menu is set to 'Cloud Server' and is highlighted with a red box.

# Attention!

- If you want to edit existing configuration,
- You have to read it (press “Read” in the command line)
- Edit settings
- Write edited configuration (press “Write” in the command line)



More information via email:

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