

SafeMobile

Replay movie

Tetra Station Connection and Configuration

IMPORTANT! Check that the station is connected using a **data cable GMKN1022A** and not

a programming cable!

Gateway Configuration

For the gateway station you will have to change the following fields:

•in Subscriber Unit Parameters, you will set a value for gateway's Radio ISSI



| 9 | Subscription Temporary Disabled | |
|----|-----------------------------------|-----------------------|
| 10 | Equipment Permanently Disabled | |
| 11 | Subscription Permanently Disabled | |
| 12 | Serial Number | 857TLJ2250 |
| 13 | Radio TEI | 000108242169560 |
| 14 | Radio ISSI | 8388610 Reset |
| 15 | Organization | |
| 16 | Person | |
| 17 | This Radio Phone Number | |
| 18 | This Radio Private Number | 8388610 |
| 19 | Last Modification Date | January 21 2011 18:41 |

•in PEI Parameters, you will set the

► Baud Rate values to 9600

- ➢ Parity Bit value to PARITY_NONE
- ETSI AT SDS/Status Format will be set to unchecked



User station Configuration

While the radio that is used at the Gateway needs slight modifications, the radios in the field need basic setup:

•GPLS Settings

➤GPS Authorized ISSI Base will be set to the Gateway's Radio ISSI value

GPS Location Protocol set to LRRP

➢GPS Coordinates set to Latitude/Longitude



•Status Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤GPS Event Timestamp Enable set to TRUE (checked)



•Normal Periodic Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤GPS Event Timestamp Enable set to TRUE (checked)

➤GPS LRRP Destination ISSI will be set to the Gateway's Radio ISSI value

➤GPS Idle Report Period set to an integer value



•Emergency Periodic Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤GPS Event Timestamp Enable set to TRUE (checked)



Powerup Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤GPS Event Timestamp Enable set to TRUE (checked)



Powerdown Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤ GPS Event Timestamp Enable set to TRUE (checked)



•Emergency Entry Profile

➤ GPS Event Location Enable set to TRUE (checked)

➤GPS Event Timestamp Enable set to TRUE (checked)



To start the Tetra Gateway program, you will double click the Tetra-GW shortcut.



In the opened window, you will click Connect, after you have selected the serial communication port.





Tetra Gateway console when disconnected. It shows the available ports (the ports for connected stations). After connecting the station, the gateway console will display messages about the state of gateway connection, gps , sms and others.

| E Tetra_GW | × |
|---|---|
| scanning for serial ports PORT multi cast :17233 found available port: COM1 04:04:20>serial port connection open. | • |
| 04:04:20>Send AT with 3 seconds time sleep | |
| 04:04:23>Register for GPS | |
| 04:04:25>Register for SMS | |
| 04:04:28>Finish registering | |
| Received message from serial port: OK Received message from serial port: OK Received message from serial port: OK Received message from serial port: +CME ERROR: 650 Received message from serial port: +CMGS: Ø Received message from serial port: OK | - |

To close the Tetra Gateway program, you will click the Disconnect button.

