

## FM3622 Read records

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When the FM3622 is working in offline mode, it can save up to 3854 records. Since these records are not sent to the server, they can be downloaded directly to connected computer using USB connection. When you connect FM3622 device, FM3622 Configurator appears with additional option "Read Records"

The screenshot shows the FM3622 Configurator software interface. At the top, there is a menu bar with 'File', 'Device', and 'Help'. Below the menu bar is a toolbar with buttons: 'Disconnect', 'Load', 'Save', 'Load Defaults', 'Save to File...', 'Load from File...', 'Reset device', 'Add Keyword', and 'Read Records' (which is highlighted with a blue box). Below the toolbar are input fields for 'IMEI', 'Version', and 'Source File.'. Below these fields is a section titled 'Recommended Configuration'. On the right side of the interface, there is a configuration panel with the following fields: 'APN:', 'APN user name:', 'APN password:', 'Domain:', and 'Target Server Port:'. Below these fields is a section titled 'makes a record if' which contains four conditions, each with an icon and a description: 1. 'Vehicle turns 10 degrees' (icon: car turning), 2. 'Vehicle drives 100 meters since last record' (icon: car moving forward), 3. '300 seconds passes while vehicle is moving' (icon: stopwatch), and 4. '1 hour passes while vehicle is stationary and ignition is off' (icon: car parked).

After device is switched on, you have to wait 3 minutes for device to startup. Only then it is possible to download records. If the memory is fully filled, the records reading may take several minutes. After reading records, all records are deleted from the device memory. Data records are stored in a binary file on your PC. You can upload these records from file to TAVL server and access all the data from TAVL. TAVL client application lets user to use the following features:

- Import data file saved from the device to the TAVL;
- Preview track of the imported data;
- Generate reports of the imported data.

More details on how to use TAVL application please refer to "TAVL Manual" documentation or its later versions. It can be configured to acquire and send data to server. It will be possible to store up to 3854 data records if GSM is not available at the moment. It will send data later when GPRS is available again. Note that FM3622 can have memory full of records. In such a case it will start deleting oldest records in order to save new ones. Sending all the data records to server may take

some time. Sending 3854 records for FM3622 may take for about 5 hour (exact time may differ depending on GPRS/server load).