

# FM3612 Read records

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When the FM3612 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 FM3612 device, FM3612 Configurator appears with additional option "Read Records"

The screenshot shows the FM3612 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'. The 'Read Records' button is highlighted with a blue border. Below the toolbar, there 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 table with configuration options:

APN:	<input type="text"/>
APN user name:	<input type="text"/>
APN password:	<input type="text"/>
Domain:	<input type="text"/>
Target Server Port:	<input type="text" value="0"/>

Below the table, there is a section titled 'makes a record if' with four icons and their corresponding conditions:

- Vehicle turns 10 degrees
- Vehicle drives 100 meters since last record
- 300 seconds passes while vehicle is moving
- 1 hour passes while vehicle is stationary and ignition is off

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 FM3612 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 FM3612 may take for about 5 hour (exact time may differ depending on GPRS/server load).