

Cellocator July 2007 Newsletter

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Dear partners & clients, welcome to Cellocator's July newsletter

The new Compact EDR

We are happy to announce the release of a new product - the **Compact EDR** - Electronic Data Recorder.

The product consists of:

- Compact EDR end unit
- Cellocator EDR I module
- Dedicated installation harness
- Dedicated tester harness.

You can use all four items with any existing evaluation kit that you have for testing and evaluation.

Cellocator EDR I



General details:

The Compact EDR unit records acceleration values on 2 axis's (X-Y, +/-10g on each axis, 0.0784g resolution) at 600 Hz sample rate (programmable) allowing 27 second of data recording. Lower resolution will allow longer recording times.

The Cellocator EDR is managing a shifting log window and includes GPS packets that are updated every second.

At $t=0$ (one of the axis is violated), the unit continues to record for an additional pre-programmed time and freezes.

The recorded time length before and after $t=0$ are programmable.

The Compact EDR then sends the accelerometer log to the central control.

The log can also be downloaded from the Compact EDR via wire interface.

New extended GeoFence functionality

This new feature is available from FW 25h an on.

A new Cellocator Programmer (5.1.0.19 or above) is required to support the new GeoFence types.

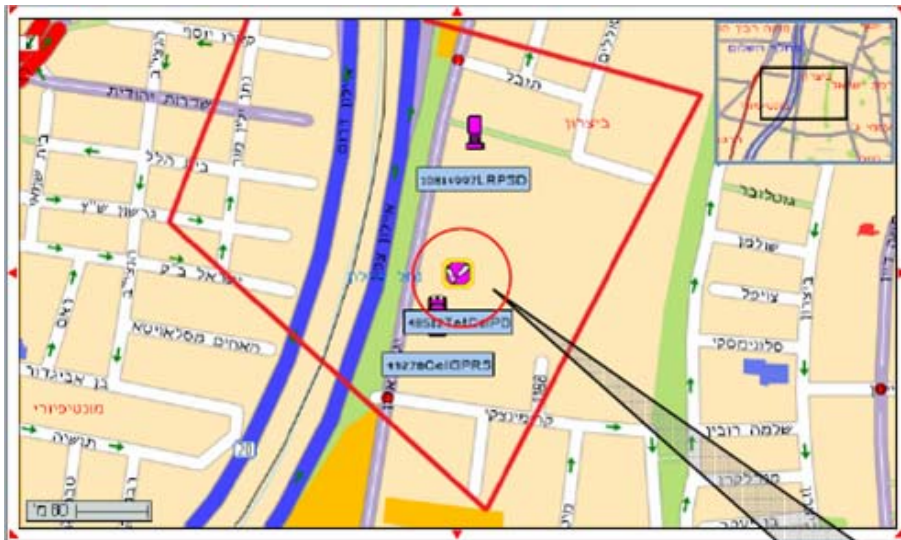
The GeoFence/ can be defined as

- **“Keep In”** - Trigger is generated when leaving.
- **“Keep Out”** - Trigger is generated when entering.
- **“Hot-Spot”** - Trigger on both entering and leaving
- **“Way Point”** - Similar to previous versions, but now; more than one waypoint may be active at a given time.

- **“Modem Off zone”** Generates trigger when shutting down modem as a result of entry to "no modem zone". The trigger is generated only for the first fence that causes the modem's shutdown. No more triggers are generated to other "no modem" zones while modem is already turned off. The modem is shut down when the unit is inside "no modem zone", regardless of trigger settings.

In all cases, the triggered message will include the index of actual violated Geo-Fence.

In depth technical information is available in the Support section on our web site.



Transparency Mode on serial port is available

From firmware (25i) and up, Transparency Mode on a serial port is available. In the past, a device, connected to a serial port of Cellocator unit has had to support Cellocator Serial protocol in order to forward data from and to wireless channel (server). From 25i and on any device, supporting 9600bps baud rate can forward and receive data through Cellocator Unit without any especial customization.

When "Door" input is triggered, any data received on COM port is transparently forwarded to a wireless channel. In order to restore Cellocator Serial Protocol mode – the "Door" input should be released.

Cellocator will hold a Two days Hand- On workshop Hosted by Telematix- Greece, in July 19-20, 2007

The target of the hands-on training is to shorten your time to market of your CAN implementations, and to take benefit of the enhanced possibilities offered by the Cellocator Compact CAN.

We ask those who participate to present a 10-15 minute presentation about implementing Cellocator products, preferably projects with the Compact CAN.



Share your experience with other Cellocator partners – Networking for cooperation

The case studies that were presented by the participants in the last technical seminar produced cooperation between some of Cellocator integrators.

Please send us your case studies in the form of presentations and documents.

The case studies will be published in the Support section on our web site for all Cellocator partners to see.

Please send your case studies to Avigail@cellocator.com

Please contact Igor@cellocator.com for software evaluation or any question or comment regarding Cellocator's technical technology, and Avigail@cellocator.com for issues about newsletters, seminars, and Cellocator website.