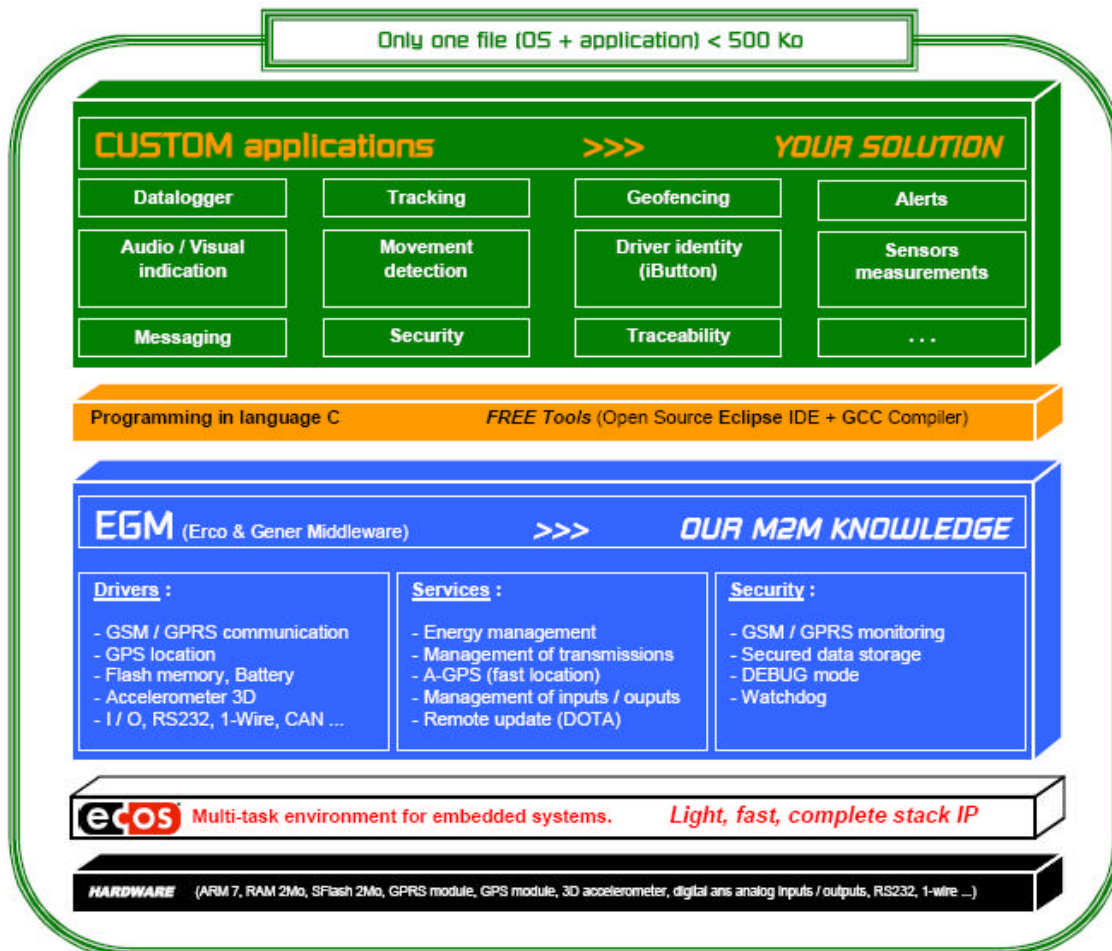




EGM (ERCO & GENER Middleware)

Long life development solution



AOB (Application On Board) products



GenLoc 31e AOB



GenPro 22e



GenPro 24e AOB



GenPro 53e and GenLoc 53e



GenLoc OEM AOB



GenPro OEM AOB



GenTrack 35e



GenTrack 23e

ERCO & GENER SA may at any time and without notice make changes and improvements to the products and services offered

EGM (ERCO & GENER Middleware)

Long life development solution

EGM is a software development platform for embedded products allowing a quick and easy customization of applications for **ERCO & GENER** communicating systems equipped with **AOB** (Application On Board) technology.

EGM is built around **eCos** (Embedded Cygnus Operating System), a real-time operating system dedicated to embedded computers. eCos is distributed with an *open source* licence: it is a free software which can be used by the industry, without royalties. It does not require important hardware and it is known for its stability and its quick starting allowing energy optimization of the communicating systems.

ERCO & GENER, specialized in machine-to-machine communications, has developed an innovative Middleware system in order to make the development of embedded applications easy and durable. **EGM** consists of libraries and services which make the embedded application completely independent from the hardware components. The M2M savoir-faire of **ERCO & GENER** which has been recognized by the industry since 1981, has brought together in this platform, a large group of services in order to make the development of embedded applications completely customizable as well as being quick and easy:

- Timers management
- DEBUG mode
- Secured back-up (objects in Flash (2 Mo), RAM (2Mo))
- FCM (Flow Control Manager) V24 / GSM / GPRS
- AT commands parser
- GSM / GPRS networks monitoring
- I2C, I/O, 1-wire interface management
- Remote updating (DOTA)...

The **EGM** CDROM contains all the necessary tools, libraries, application examples and documentation.



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