

The C@ll Rider®

Gateway and concentrator. Receives and stores local data, controls communications to the central servers.



C@ll Rider with screen



C@ll Rider GSM



C@ll Rider without screen



C@ll Rider SMS

- Supports the whole range of HomeRider® radio modules: Meter Trak®, Tank Trak®, Temperature Trak, Status Trak...
- Available with a range of memory capacities, with or without screen, land line or GSM...

The C@ll Rider® is the “corner stone” of the HomeRider system, combining low power radio, Internet, and telephone or/and GSM technologies in order to concentrate and memorise all information and alerts collected by radio at predefined intervals from different Trak modules, installed on residential, industrial or urban sites. The Trak modules are installed on a variety of different appliances and monitoring equipment such as meters, fuel or LPG tanks, heating boilers, containers for glass recycling etc.

The C@ll Rider® sends this collected information to the servers, coded, using Internet protocols (fixed line C@ll Riders) to the HomeRider servers, by GSM data or GPRS (C@ll Rider GSM), or by SMS (C@ll Rider SMS). Communications from the Trak Modules to the gateway, and from the gateway to the servers take place at least once a day, but can be increased when required. The gateway can receive new operational parameters in the same communication session. Any alerts from the Trak Modules such as security alerts, detection of leaks are processed immediately by the gateway and can be sent by E-mail and/or SMS to previously designated addresses/numbers. It is possible to mix gateways for fixed line, GSM and SMS on the same network as

part of the same customer base.

Communications between the gateway and the servers are controlled. For security reasons, only the gateways can initiate a call and will not respond to an incoming call. All communications to the servers are filtered by a fire wall. Once the data has been sent by the C@ll Rider®, it is made available simply and clearly on the relevant customer web sites.

The C@ll Rider® SMS can be installed where no fixed telephone line is available, (for example an isolated depot or the cellar of an apartment block).

Easy to install, the C@ll Rider® is:

- available in a landline, GSM or SMS version with different models handling from 1 to an unlimited number of Trak modules (CR GSM transparent mode)
- equipped with a low power radio transmitter/receiver (ETS300-220) for communications with the peripheral modules
- embedded with a complete IP stack; uses Internet to reduce communication costs to the strict minimum