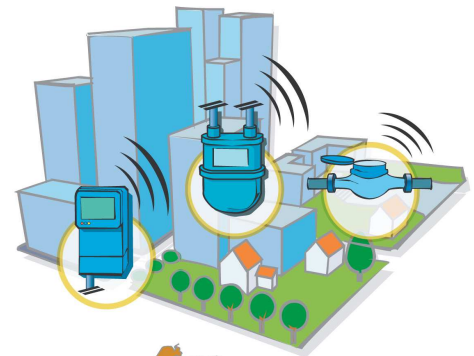


## Automatic Meter Reading System

### Remote management of water, gas and energy meters

- Data collection by low power radio, and transmission to secured servers using the Internet, or GSM network
- Access to data by Internet on a personalised site, or by transfer of data to customer application: no need for specialised software
- Exceptional radio performance
- Interface with a large range of meters
- Management of urban or residential network
- System with multiple applications



The Automatic Meter Reading (AMR) system from HomeRider® offers a fixed network solution for the collection of a large amount of meter data and the management of the network.

The Meter Trak® (the HomeRider radio module), integrated or installed on the meter, sends the meter data to the gateway – the C@ll Rider®. The gateway stores the data until it transmits the data to the HomeRider servers; either at predetermined times, or at the time of a precise event (meter fraud, abnormal lack of activity, continuous debit, back flow...). The C@ll Rider connects via a toll free number to the servers to deliver the data. Once the connection has been made, the data is displayed on the HomeRider Web site Nemo. The data can also be exported 'raw' to the customer's back office system. Operations staff can be warned of an alert event by E-mail or SMS.

The Meter Trak can be installed on nearly all intelligent meters: pulse output, serial port interface, SO open collector, single tariff non pulse ... An integrated Meter Trak is available for the more common water meters. A range of HomeRider gateways (large and medium capacity, GSM) serve as the radio interface between the meters and the Internet network

covering a range of differing needs:

- Buildings: individual sub-meters or building meters
- Urban network: distribution network management
- Semi canalised: gas meters sharing the same LPG storage tank

The information is accessible on a personalised site, on line, for any authorised user having the correct passwords and levels of authorisation. The data can be presented in different manners, archived, compared, put in graph form and also printed. HomeRider Systems also manages each local radio communication network point.

The flexibility of HomeRider's AMR system is unique. It allows the cost of meter reading & customer support to be reduced. It also decreases causes for dispute to a minimum, helps in the detection of fraud and helps improve customer satisfaction (no more estimated invoices, no more reading appointments), through rapid leak detection reduces water loss and provides better work security for employees. This system also brings the possibility of extra revenues by the offer of additional residential services.