CLAIMS

1. A system for monitoring an LPG supply at a usage location, the system comprising

a sensor unit configured to measure a physical property of the LPG supply at the usage location;

a processing unit coupled to the sensor unit, the processing unit configured to determine usage data based on the measured physical property, and to transmit the usage data; and

a remote server comprising

a database configured to receive and store the usage data; and

an application interface to allow one or more user devices to retrieve the usage data from the database,

wherein the physical property comprises volume or weight of the LPG supply,

wherein the system comprises a conversion unit configured to convert an analogue signal received at the sensor unit,

wherein the LPG supply comprises an LPG storage unit placed at the usage location, the sensor unit comprises a weighing scale to measure a weight of the LPG storage unit, and wherein the processing unit determines the usage data based on the measured weight of the LPG storage unit,

wherein the weighing scale and processing unit are housed in an integrated single housing,

wherein the integrated single housing is configured to receive the LPG storage unit, such that the integrated single housing serves as a base of the LPG storage unit,

wherein the sensor unit comprises an analogue gas meter, and

wherein the conversion unit comprises a reed switch for converting analogue changes in the analogue gas meter into electrical pulses.

2. The system as claimed in claim 1, wherein the processing unit is coupled to additional sensor units, the processing unit configured to determine usage data based on the additionally measured physical properties obtained from the additional sensor units.

3. The system as claimed in any one of the preceding claims, wherein the processing unit is configured to periodically obtain the measured physical property from the sensor unit and to transmit determined usage data to the remote server.

4. The system as claimed in any one of the preceding claims, wherein the processing unit is further configured to receive instructions from the one or more user devices, via the remote server.

5. The system as claimed in claim 4, wherein upon receipt of the instruction, the processing unit is configured to obtain the measured physical property from the sensor unit and to transmit a determined real-time usage data.

6. The system as claimed in claim 4, further comprising one or more valves for controlling the LPG supply at the usage location, wherein the valves are controllable by the processing unit.

7. The system as claimed in claim 6, wherein upon receipt of the instruction, the processing unit is configured to enable or disable the LPG supply at the usage location.

8. The system as claimed in any one of the preceding claims, wherein the sensor unit is configured to detect gas leakage of the LPG supply at the usage location.

9. The system as claimed in any one of the preceding claims, wherein the processing unit comprises a processing unit memory.