



iGas is a complete LPG Telemetry solution comprising very efficient and reliable hardware and a powerful backoffice web-based and user-friendly software.

iGas has been installed among the main LPG european distribution companies since 1996 (BP, Shell, BUTAGAZ, SHVGas/Primagaz, Repsol, etc), providing significative reductions in their logistics costs.

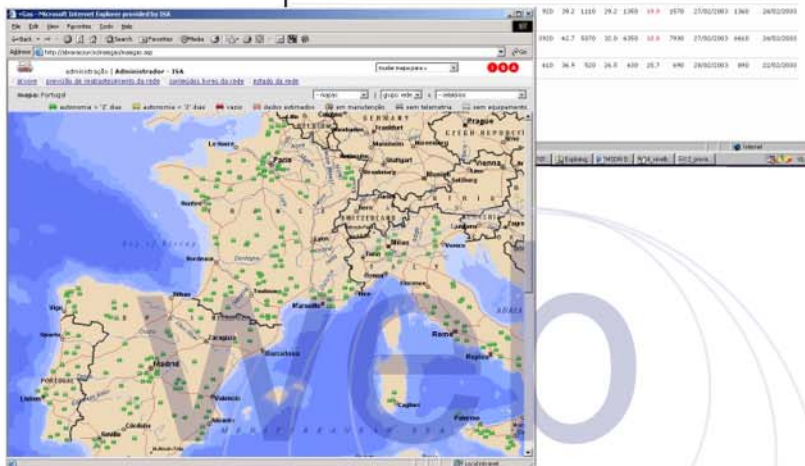
ISA offers a complete line of iGas remote units customized to fit the different needs of each segment of the market (industry, automotive and domestic LPG). Available models include: wireless or cabled link between the tank and the control unit; fixed line, GSM or satellite communication with the data center office; battery, solar panel or mains powered units.

Automatic Meter Reading, both of domestic and industrial users, is also available with dedicated remote units (iGasAMR) or simultaneously with the tank level signals.

- iGas is operated by iGasWeb, a powerful, yet easy to use, Internet-based software:
- Worldwide access
  - Easy learning operation
  - Geographical data representation
  - User-profile oriented (dispatcher, commercial, supervisor, etc)
  - Dedicated reports including network replenishment forecast
  - Centralized alarm management
  - Abnormal consumption notification
  - SMS and E-mail event notifications
  - Easy enterprise data integration

Network Replenishment Forecast

Station	Localidade	estorno de stock		Reserva 1		Reserva 2		Reserva 3		Reserva 4		data	hora	status	
		litros	(%)	litros	(%)	litros	(%)	litros	(%)	litros	(%)				
1	PARIS	7.0	840	0.0	1000	0.0	1000	0.0	1000	0.0	1000	20/02/2003	10:00	OK	
2	BRUXELAS	45.0	4500	0.2	34.3	990	13.2	7200	0.4	4010	0.4	3300	20/02/2003	10:00	OK
3	AMSTERDAM	36.0	3600	0.4	20.6	200	10.0	2470	0.0	0	0.0	300	20/02/2003	10:00	OK
4	ROTTERDAM	24.0	2400	0.7	30.3	220	21.0	200	0.0	0	0.0	300	20/02/2003	10:00	OK



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ISA is a global leader in telemetry solutions offering innovative remote management systems with a broad range of applications (gas, water, sewers, environment, industry and domotics).

# GAS

Designed to give you all the information about your LPG assets

Using the Internet or a Mobile, iGas allows you, wherever you need, to access the information on your storage tanks and meters wherever they are.



## Datawarehouse support tools:

The iGas system is prepared to be operated through a global datawarehouse environment in which the data collected by the remote units is stored in a central database.

Communication between the datawarehouse and the remote units is guaranteed in several ways (fixed phone line or GSM direct connection, SMSs, Internet using local ISPs, etc) that are chosen, case by case, to optimize communications cost/efficiency.

The management of the datawarehouse is supported by a set of support tools associated to iGasWeb:

- MGConfig: network, remote units and users configuration tool
- MGManut: maintenance support tools

## iGasWeb available reports

- Last readings
- Historical data (daily, weekly, monthly and yearly)
- Alarms
- Low level
- No change
- Replenishment forecast
- Replenishments
- Selling out
- Top 5 - sales evolution
- Top 5 - sales volume
- Weekly sales

