



**The smart instruments specialist**  
Sensors – Web services



# Sigfox ready Sensors and Loggers

**Waste Water**



**Drinking Water**



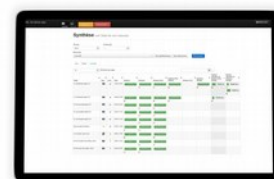
**Surface Water**



**Rentals**



**Software**



**Web Services**

## ► 100 % compatibility with Sigfox network

### Our communication solutions

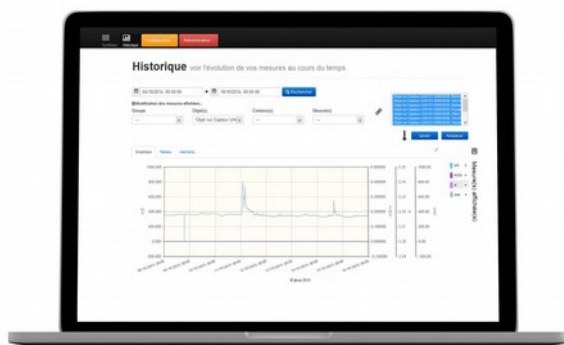


- Integrated Sigfox card to our sensors and loggers
- Full potential of Internet of things
- Dedicated network to M2M and IoT
- Low energy consumption and with maximum efficiency.
- Connected everywhere, securely
- Waste, drinking and surface water applications

### Fonctioning



Battery powered sensors and loggers connected to the Sigfox network



### data analysis on [V2.ljitrack.com](http://V2.ljitrack.com)

- ✓ Data hosting
- ✓ Synthesis of measuring points
- ✓ History
- ✓ Export des données

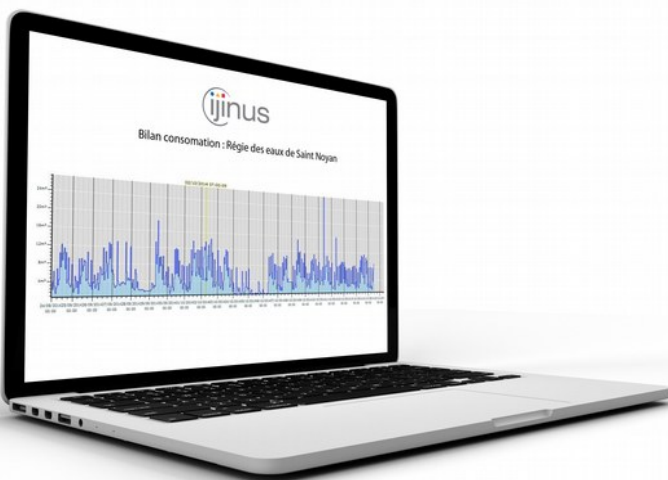
## ► Fast pressure metering and logging of drinking water network



### The 2 in 1 solution : meter / pressure

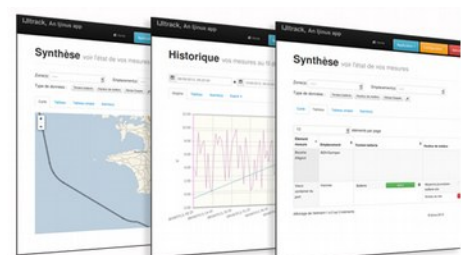
- Quick and easy installation
- Very compact, IP68
- Programming and data collection by radio
- Daily and hourly accumulation
- Pressure sensor 4-20mA
- Battery life power > 5 years
- Compatible protocoles : Topkapi, Lerne, Dev I/O - OPC, Floee, ...

## Water pressure and volume logger to calculate yields of drinking water networks



	A	B	C	D	E	F	G
1	site	sensor	unité	date	Volume cumulé - m³		
2	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 00:59	4.06 m³		
3	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 01:59	2.21 m³		
4	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 02:59	6.25 m³		
5	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 03:59	2.99 m³		
6	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 04:59	3.47 m³		
7	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 05:59	2.57 m³		
8	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 06:59	6.76 m³		
9	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 07:59	3.21 m³		
10	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 08:59	4.43 m³		
11	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 09:59	10.22 m³		
12	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 10:59	7.26 m³		
13	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 11:59	12.23 m³		
14	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 12:59	8.73 m³		
15	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 13:59	10.27 m³		
16	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 14:59	11.44 m³		
17	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 15:59	6.77 m³		
18	Mairie de Lézignan	UA2101-00001502	Comptage volumes	24/09/2014 16:59	10.41 m³		

Data management on  
**V2.ijitrack.com**



## ► Pressure control on drinking water network

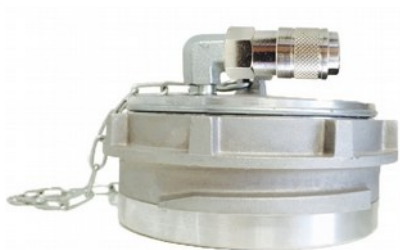
**Compact and autonomous, this recorder allows you to set up a pressure measurement quickly without risk of interfering with the use of the drinking water network.**



- Simple and fast installation
- Battery powered logger
- **Integrated pressure sensor 0-25 bars**
- **Quick coupling**
- Data reading in real-time by radio
- Data retrieval by Walk-by
- Excel Report

### Installation principle

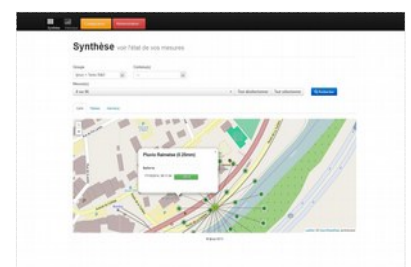
- Hose cap change on fire hydrant
- Coupling sensor/cap via the flexible (can be done even on pressurized network)
- Opening the valve
- Remote set up and reading by radio
- Data logging with variable interval acquisition on schedule



**Fire hose cap with quick coupling**



**Connection Flexible**



**Web services :  
[v2.ijitrack.com](http://v2.ijitrack.com)**



## ► Diagnostic of sewers network



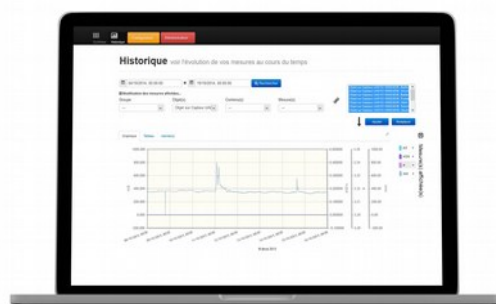
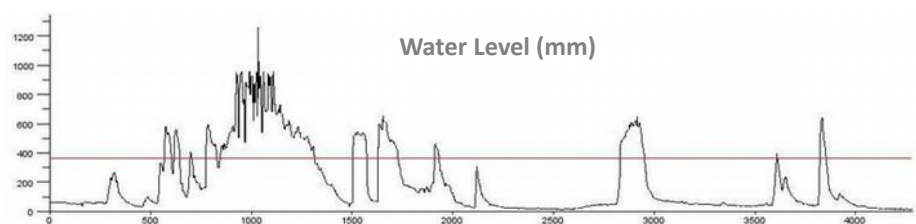
### The 3 in 1 solution: Level - Volume - Flow

- Quick and easy to install
- Timestamp volumes
- **Battery life up to 5 years**
- Acoustic imaging technology
- **Insensitive to dirt - IP68**
- **IP68 (tested 7days at 10m)**
- Multiprotocol communication
- Hosting data and web services available

### Measures of water level / flow rate / volume



Ultrasonic  
Level Sensors



[V2.ljitrack.com](https://v2.ljitrack.com)

- ✓ Hosting data
- ✓ Measurement points report
- ✓ History data
- ✓ Export data in CSV, Excel files

## ► Avelour software



### Unique software to configure all Ijinus sensors



- Instant radio connection to sensors
- Intuitive interface adapts to connected sensors
- Assisted Setup, recapitulation summary
- Multi curves display of your data
- Back-up are available for both data and settings
- Work safely by staying away from your measurement points

### Operating principles are the same for all devices:

Our radio programming kit plugged by USB to a computer allows by RFID, to connect to various Ijinus devices, to set up and retrieve data..

#### Programming example :

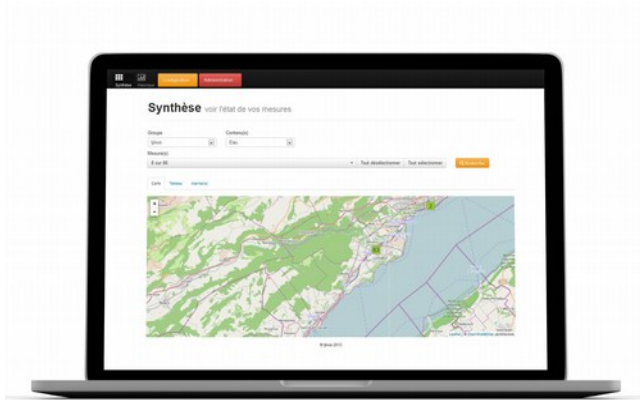
A master sensor or data logger can concentrate other data of sensors present in the radio field and send them via GSM / GPRS to the supervision.



New: USB/HF  
programming kit

## ► Web Services

### More than just hosting data

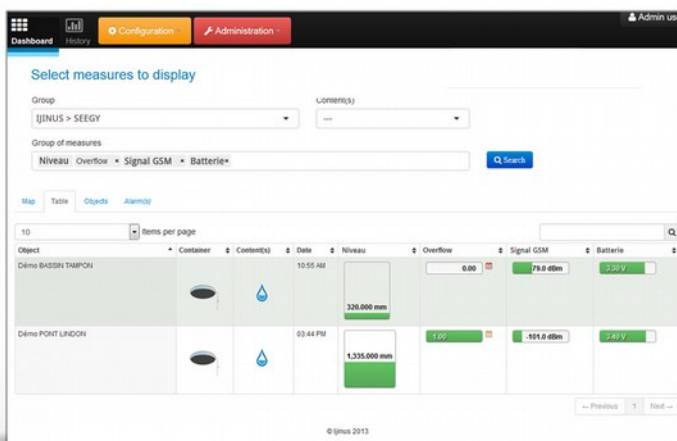


- Simple and intuitive interface
- Reachable everywhere
- Quick sensor configuration
- Securing Data
- View your data in real-time
- Export data to Csv, Xls formats

Ijitrack allows you to generate alarms on level, overflow, tension, unusual parameters. For each alarm you can set a high and low threshold. Alarms are visible on V2.ijitrack.com and can be transmitted by mail, text message or Fax.

### Hosting and secure data at reduced price

#### Dashboard - History - Alarm management - Data export





Sensor - Data logger - Web service  
The smart instruments specialist

## ► Contacts

For any further information, thank you to contact our office or sales representative in your area:

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