Autotank

by **TUBING** food

TANK DISPENSING
CONTROL SYSTEM

Tubing Food Design & Development

What **solutions** does

Stock control to optimize logistics

Autotank helps with tank stock management thanks to the control of the volume consumed in real time and the recharge input. Thanks to this, you will be able to plan the recharging of the tanks in advance in all your bars. Don't leave any sales outlets without beer, it will arrive just when needed.

Data analysis

Collection of key information to make decisions based on data. Control in real time the basic information for your business. Dashboard with clear and personalized KPI, which will help you detect quickly and simply what is happening in different sales outlets.

Keep your quality standards

Foresee future problems of product quality by controlling temperature, pressure and the correct functioning of the most important components of the cooler: stirrer motor, compressor, ventilator and global consumption of the installation. The alarm will always warn you of undesirable situations. Schedule the cleanings CIP and control its deviations. Solve problems before they happen.

Status control of your tanks in real time

Has a tank been changed before time? Has beer remained inside the tank for too long? No problem! With Autotank, you will easily detect these circumstances and many others, in this way you will achieve a significantly waste reduction and, in a short term, you will increase profitability.

Automatic or semiautomatic tank change

Let Autotank administer the changing of tanks automatically or decide yourself when the tank needs to be changed. In this way, the bar personnel will gain time to attend their customers at the same time that potential human errors are reduced. Manage errors remotely.

Functionalities

CONNECTIVITY
- Information in real time
- Consumption control
- Control and administration of tanks remotely

SOFTWARE
- Stock control
- Control of tank status
- Automatic and semiautomatic change of tanks
- KPI Dashboard

ALARMS
Alarm configuration
- Temperature
- Pressure
- Volume
- Cleaning cycle
- Cooler components

* Alarms without limit

* Totally configurable by the user

Characteristics and components

Temperature control
Autotank takes the temperature:
- Of the product when leaving the tank
- Of the refrigeration water at the entrance and the exit of each tank

Pressure control
Measures the thrust pressure inside the tank

Consumption control
With **Autotank** you will be able to control the volume consumed by each of your tanks individually.

Cooler performance
Autotank controls the operational hours of the refrigerator and warns you if the cooler stops.

KPI DASHBOARD
CONTROLS EVERYTHING THAT
HAPPENS ON THE SPOT
IN REAL TIME

Easy data management and analysis

Analyse the most important information fast
and easily. Identify the main issues in sites at a
glance.

Data safety

Confidentiality is basic to us: your data will
always be stored safely. If you prefer, you can
transfer data to your servers and then, your data
will automatically be eliminated from ours.

Anytime, anywhere

Access to dashboards wherever you are through
any device.

Dashboard functionalities

Stock control

Administration of your tank stock thanks to the control of the volume consumed and manual entry of recharge data through the application. A key help to improve your planning of recharges.
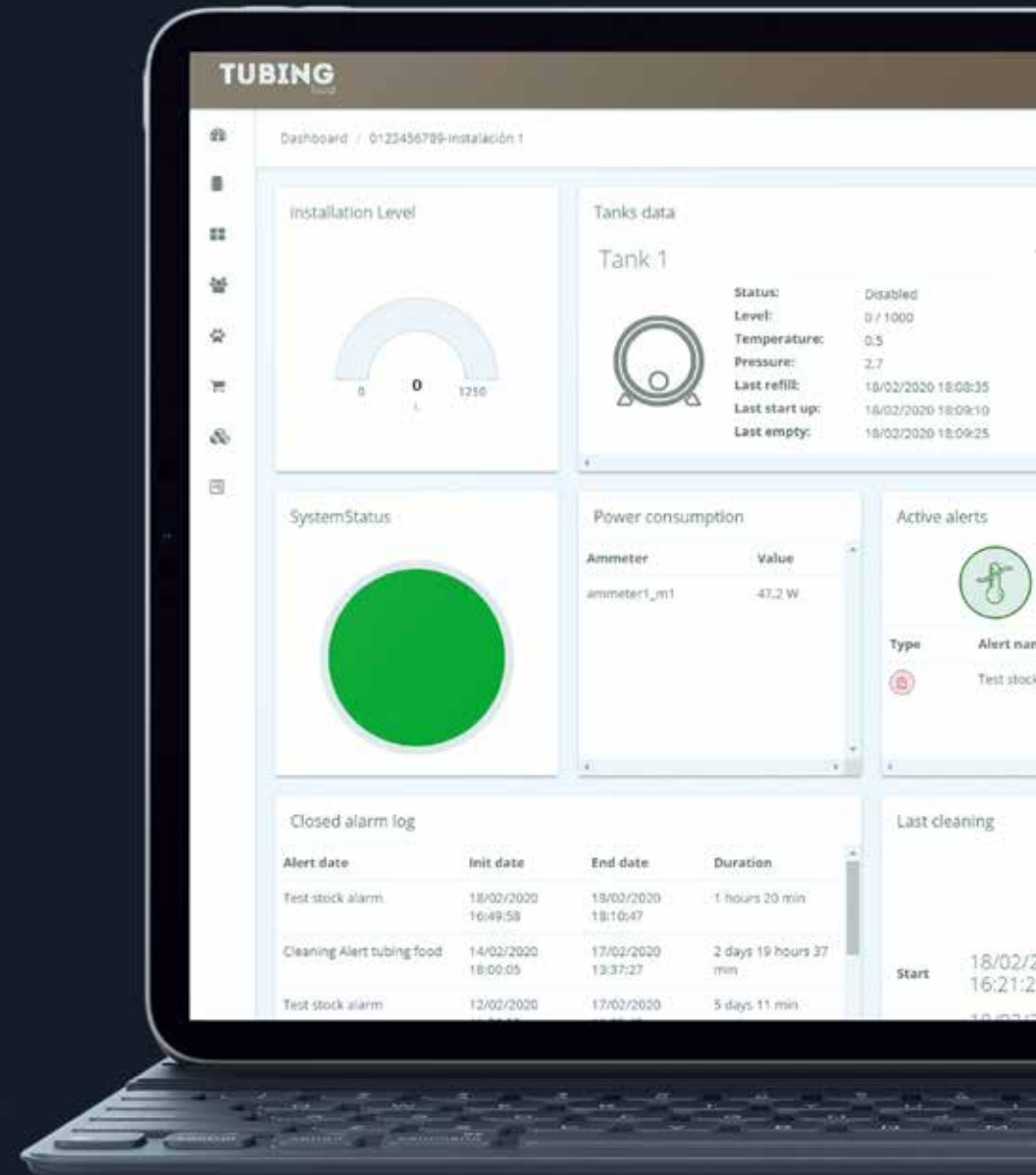
Customizable, fast, safe

The dashboard can be personalized easily so that you can quickly identify just what you need. Fast reading of data, easy and in very safe surroundings.
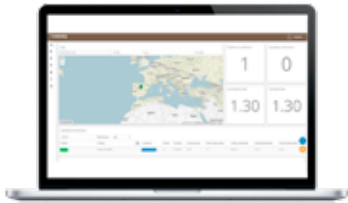
Everything under control

Through the dashboard you will know the status of your sales outlets at any time and in any place. Temperature control, pressure and correct functioning of the most important components of the cooler : motor stirrer, compressor, ventilator and global consumption of the installation. It creates and administers alarms, plans your cleaning CIP and controls its deviations.

Dashboard functionalities

Create different profiles

The dashboard has different preconfigured types of access, each of which has access to different levels of information. You can create as many profiles as you wish. Those which come by default are: Administration, Technical Service, Logistics, Marketing, Commercial and Baristas.

Filter what you want

Would you like to know what has happened in the last month? Do you only want to analyse the evolution of one of your products? Do you wish to focus on one specific region? No problem, you can filter the data you want. Analyse quickly and easily whatever is most relevant.

Export as you want

You can export data in a spreadsheet file, to work on it or to add it to another database. You can also convert the data displayed on the screen into a PDF document for printing.

TRAINING

Unique training plan that includes:

Training your different teams how to install and maintain the equipment: installers, replacers, maintenance personnel, cleaning personnel of the installation and end user.

System installation

Theoretical and practical lessons.

Knowledge transmission

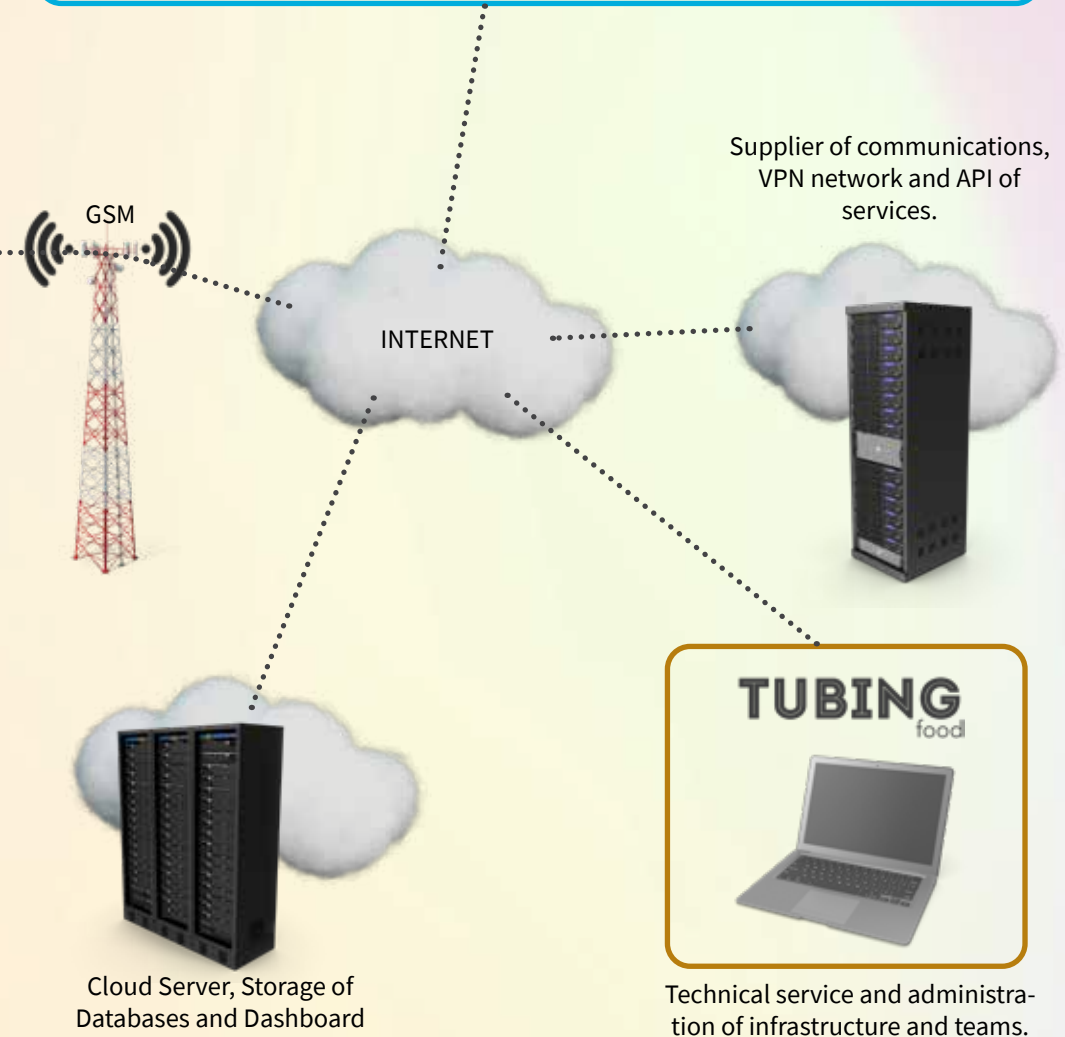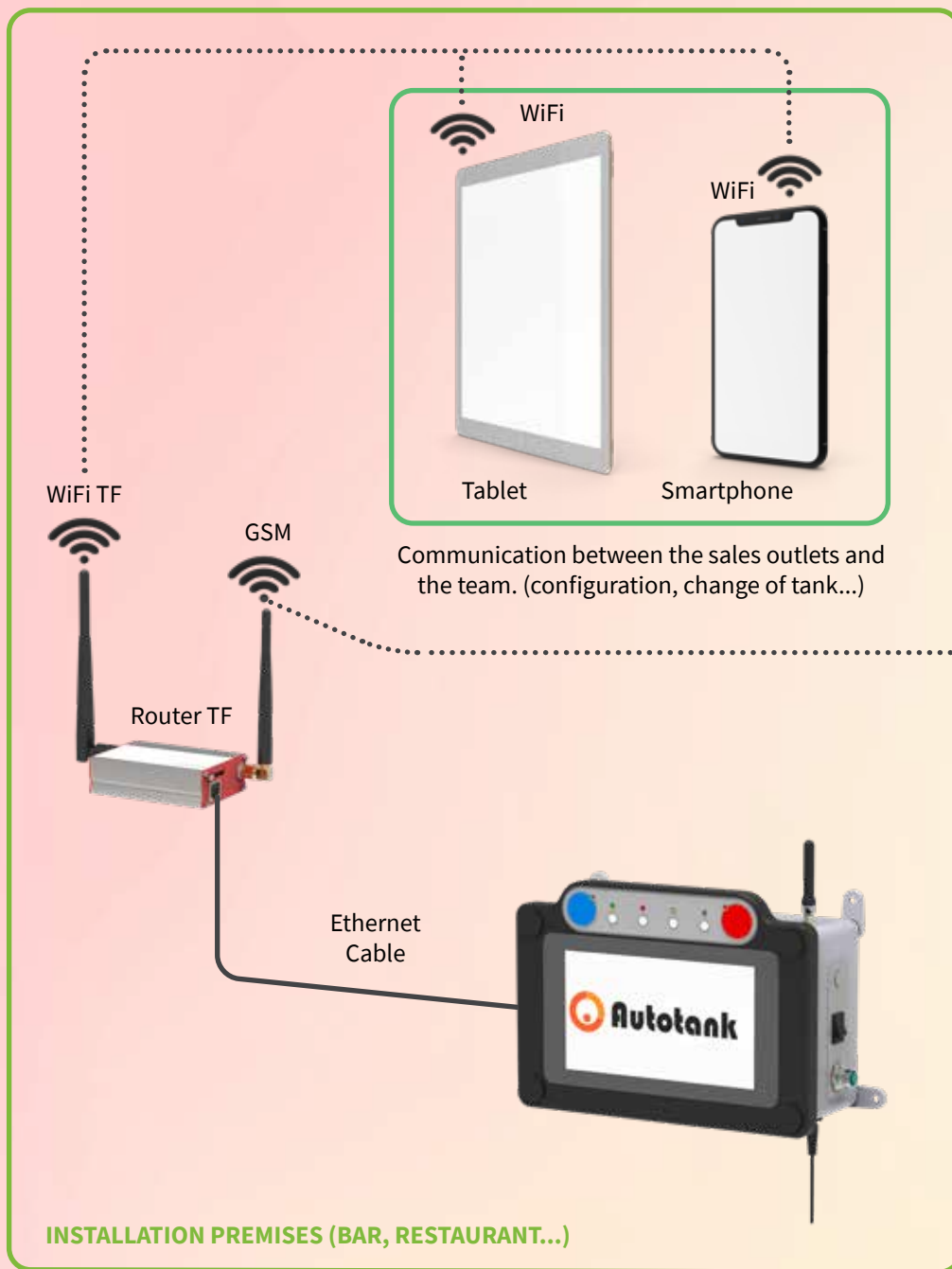How the system works and how to make the most of Autotank.
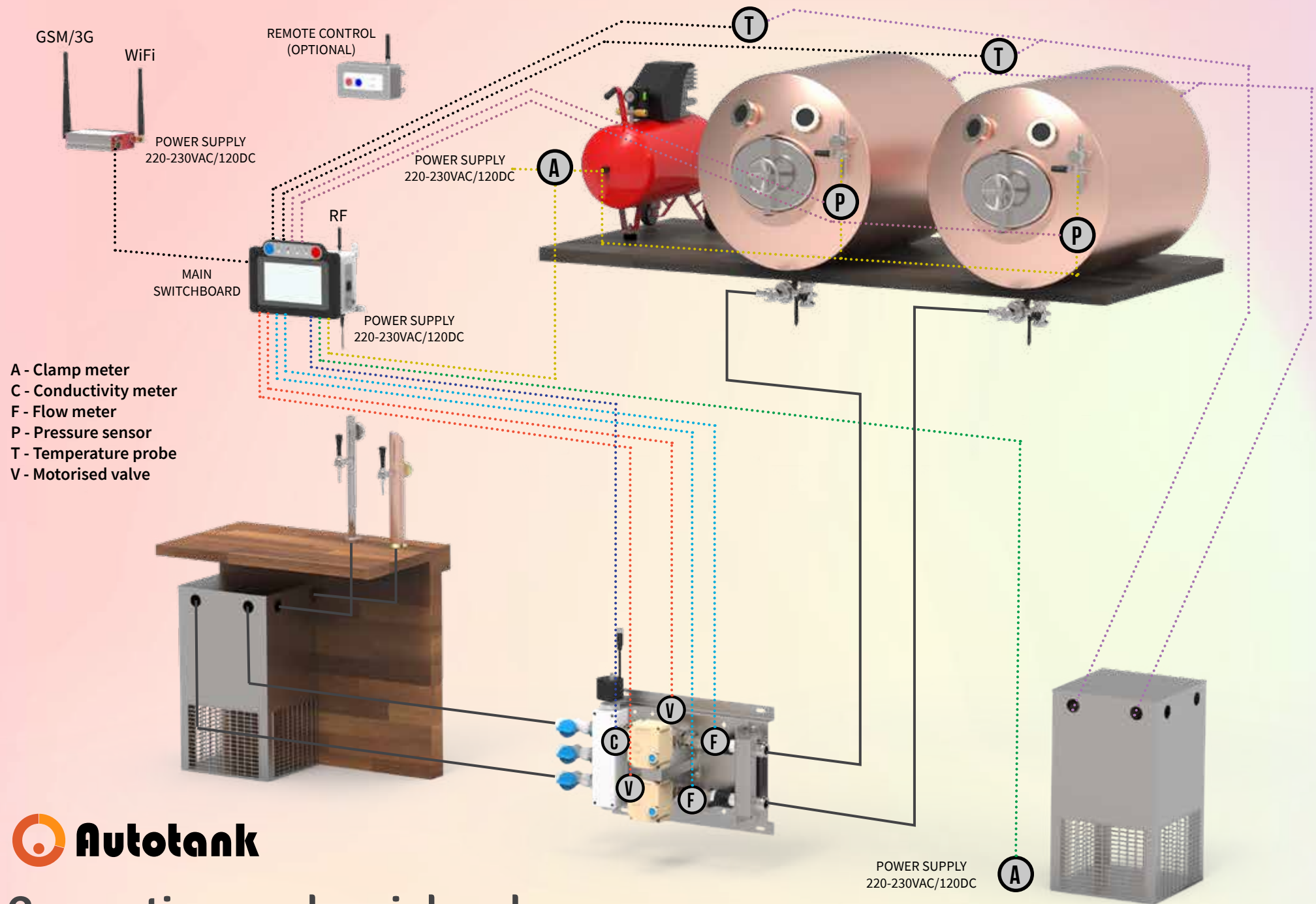
Evaluation

People chosen to work with Autotank will be evaluated to determine if they have learnt how the system works.

Tubing Food offers its installations to do the training. Once the training has been done, the customer will be responsible for training the end user and the equipment maintenance.

Techno-System Scheme

WiFi

WiFi

Tablet   Smartphone

Communication between the sales outlets and
the team. (configuration, change of tank...)

WiFi TF

GSM

Router TF

Ethernet
Cable

Autotank

INSTALLATION PREMISES (BAR, RESTAURANT...)

CLIENT PREMISES

GSM

INTERNET

Supplier of communications,
VPN network and API of
services.

Cloud Server, Storage of
Databases and Dashboard

TUBING food

Technical service and administra-
tion of infrastructure and teams.

GSM/3G
WiFi

POWER SUPPLY
220-230VAC/120DC

REMOTE CONTROL
(OPTIONAL)

POWER SUPPLY
220-230VAC/120DC

(T)

(T)

(A)

(P)

(P)

RF

MAIN
SWITCHBOARD

POWER SUPPLY
220-230VAC/120DC

A - Clamp meter
C - Conductivity meter
F - Flow meter
P - Pressure sensor
T - Temperature probe
V - Motorised valve

(V)

(C)

(F)

(V)

(F)

POWER SUPPLY
220-230VAC/120DC

(A)

Autotank

Connections and peripherals