

# IOT BENEFITS FOR THE LAUNDRY



T E C H N O L O G Y & I N N O V A T I O N I N L A U N D R Y S E R V I C E S



# INTERNET OF THINGS

ALWAYS  
CONNECTED  
WHEREVER  
YOU ARE

To manage a business well, information is essential and, in a globalized world, being able to consult information remotely facilitates management and optimizes time.

The Internet of things (IoT) is the digital interconnection of everyday objects with internet.

With this objective, Danube machines have been developed using the latest technology, to be able to connect them to the internet and obtain the most varied information.

This two-way communication between machine and user, through the cloud, allows you to optimize your time, as well as better analyze and manage your business remotely.

**We put at your disposal all the information about the machines and your business.**

### **Responsive Web-APP**

Multi platform + Multi resolution + Multi operating system

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### **Multi language**

Multiple languages available and expanding to more

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### **Secure communication**

Availability, integrity and confidentiality

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### **Easy to use**

UX (User Experience) UI (User Interface)

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### **Useful for everyone**

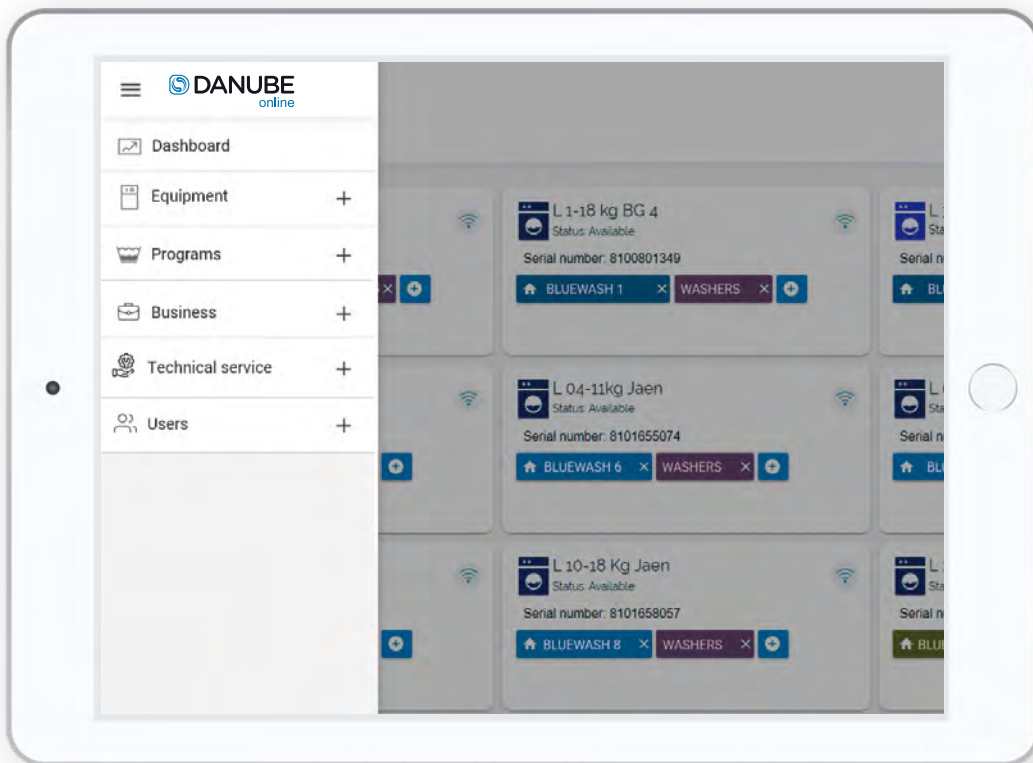
Owner/end user, service technician, distributor and chemists

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### **In constant evolution**





A team dedicated exclusively to developing and evolving the platform

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# MAIN FEATURES

## User profiles

				
	Owner / End user	Dealer	Technical service	Chemical partners
<p><b>Control panel</b> Custom graphics to monitor your business, park of installed machines, customers, etc.</p>	●	●	●	●
<p><b>Machines</b> Management: telemetry, statistics, remote access, notification of errors, etc. Configuration: programs, phases, prices, configuration of washers and dryers, etc.</p>	●	●	●	●
<p><b>Programming</b> Control machines remotely (create programs, phases, group programs, filter) view telemetry and much more.</p>	●	●	●	●
<p><b>Business</b> OPL Laundry: control your business, productions, consumption, get reports, etc. Self-service: set up and manage your self-service laundry (schedules, payment methods, discounts, prices, etc.)</p>	●			
<p><b>Technical service</b> Documentation, management of interventions, remote support in breakdowns and incidents, telemetry, etc.</p>		●	●	
<p><b>User Management</b> Manage the users who access the information on your machines. Give access to whoever you decide: your organization, your agents, technical service, chemical partners, etc.</p>	●			

# CONNECT YOUR MACHINES

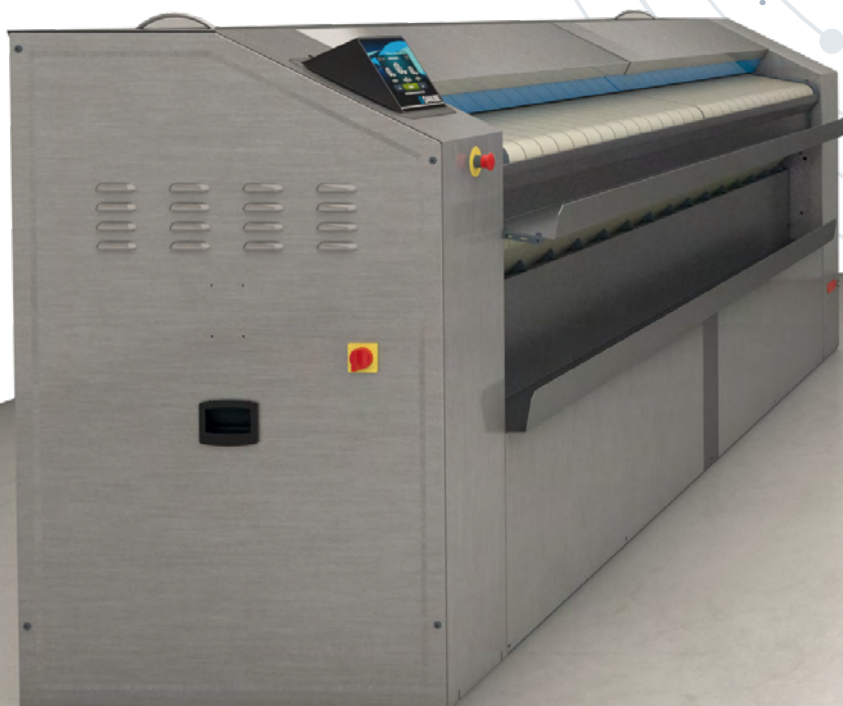
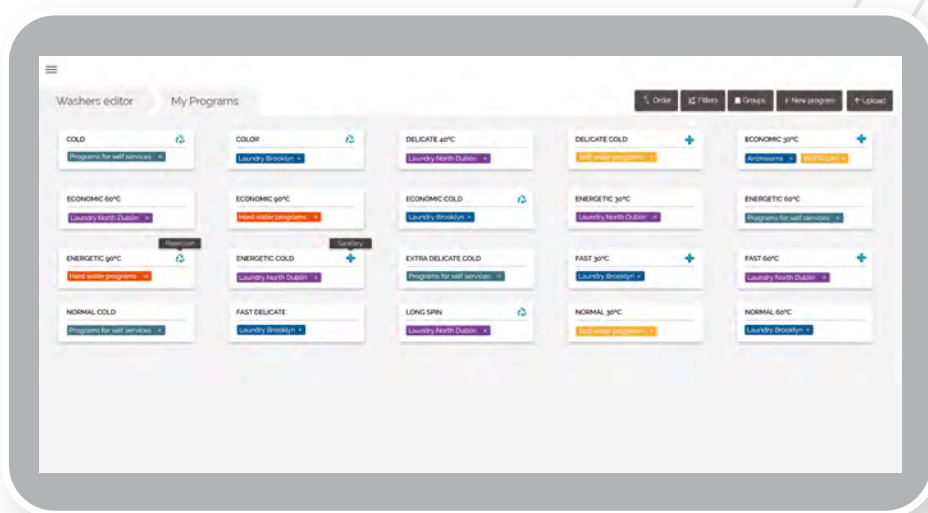
DANUBE machines with EASY TOUCH 2 offer the connectivity feature.

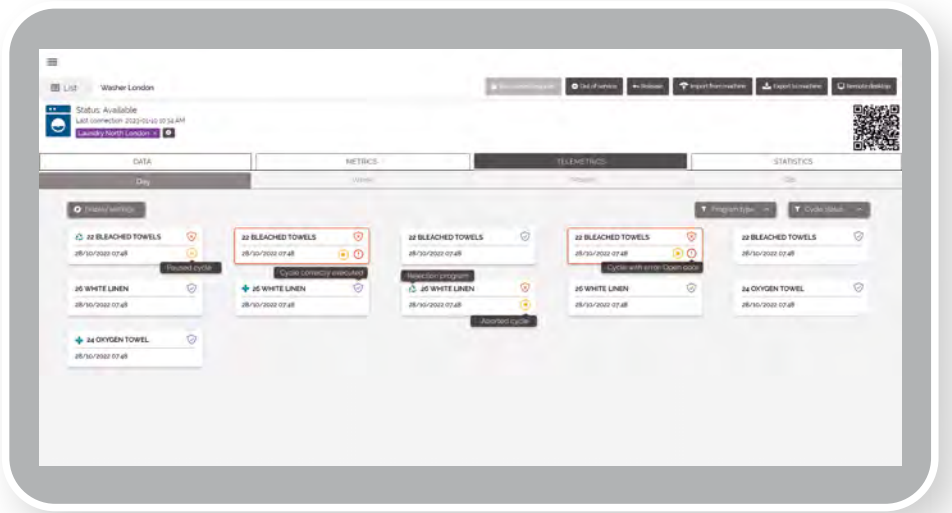
The license is offered **free of charge**.

The Internet connection is made through an Ethernet connection and allows access to the world of IoT to enjoy all its advantages.



IOT





Standard Ethernet connection on all ET2 machines.



# USER PROFILES



## Owner / End user

Improve usability, efficiency and comfort. Business control: configurable reports on production, cycles, consumption, income, etc. Ensures washing and drying processes, guarantees hygiene and disinfection, washing quality, etc.

**+ information + safety + control**

Control panel  
Custom charts to track your business

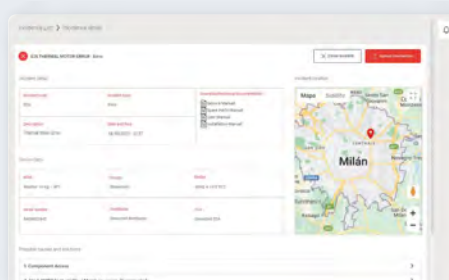


## Technical service

Customer service improvement.  
Process improvement, more efficient and lower costs, avoiding unnecessary trips.  
Remote troubleshooting at your disposal.  
Telemetry of programs, complete information of all the programs carried out.  
Access to user and installation manuals.

**+ efficiency + support + information**

SAT - documentation







## Dealer

Technological base for new businesses, renting, maintenance contracts, self-service, etc.  
Databases of installed machines, geographical distribution, models, etc.  
Greater added value of Danube machines for the customer.

**+ opportunity + information + added value**



## Chemical partners

Management and creation of washing and drying programs, online and offline.  
Ensure washing and drying processes, ensure hygiene and disinfection, washing quality, etc.  
Remote troubleshooting and management.  
Telemetry of programs, complete information of all the programs carried out.

**+ information + management + ease**



# USER PROFILES

## Owner / End user

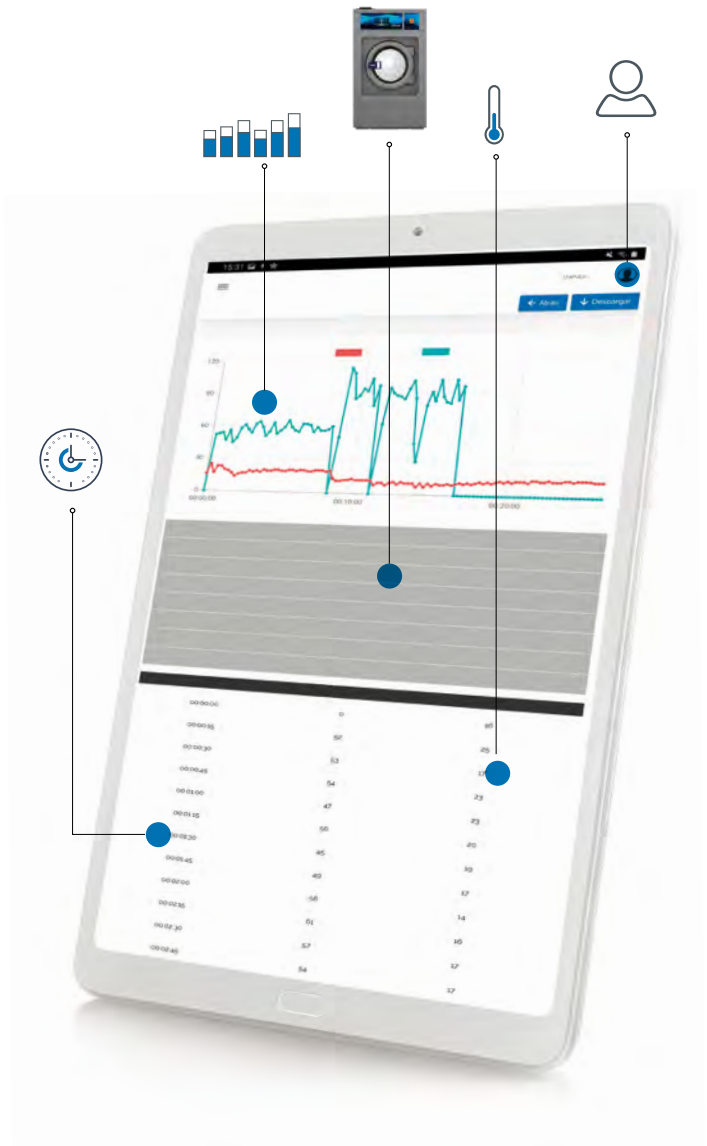


Danube Online gives you the peace of mind of being in control of your business. You only have to connect your machines to the Internet (with a simple click) and you will be able to supervise your business from anywhere, without having to physically go to the laundry.

The customer demands reliability and efficiency, and you can provide it. Having the traceability of washing and drying is essential to ensure **maximum hygiene**.

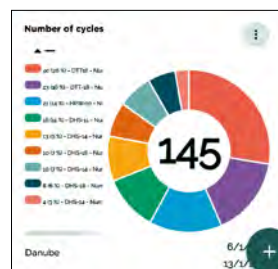
In the control panel you can configure the graphs that best help you evaluate and closely monitor your business or businesses. You will be able to view historical and evolutionary data in real time, by machine or by groups/laundries. Hours and cycles, income in the case of self-service, etc.

Share the information and management with whoever you decide: technicians, chemical partners, collaborators and others for mutual benefit.



Danube Online allows you to see the information of the programs executed through telemetry and with the detail of the different parameters. You can also download the data to have control of your business.

Quick action means efficiency for your business. Check the technical information such as the status of the machine, history, faults and errors, to make the machine ready and available as soon as possible.

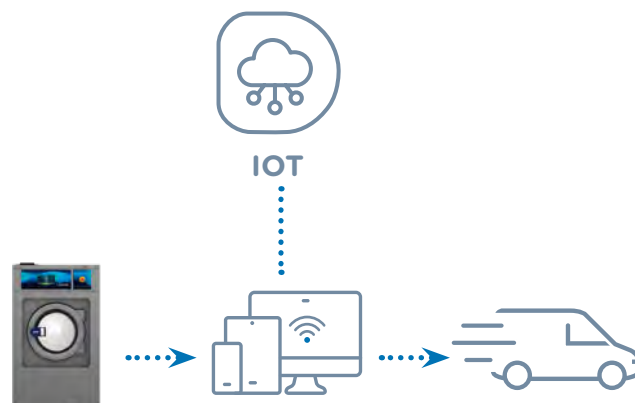


# USER PROFILES

## Technical service



After-sales or commercial service is the best guarantee for customers loyalty. As a technician you will have a direct connection with the machine to find out about any incident, so that you can act effectively and remotely, saving time and reducing trips.



Offering a fast and efficient after-sales service is essential. With the DANUBE IoT you will be able to connect to the machines, remotely, to make the most right decisions.

You will avoid unnecessary trip and you will be able to know the history and status of the machine in real time. In this way you will be able to evaluate the most convenient actions to undertake.

You will solve incidents through remote tests, check telemetry, update software, modify programs and operate with the machine via remote desktop.



# USER PROFILES

## Dealer



As a dealer, good customer service has an impact on your good image and their loyalty.

The Danube Online solution gives added value to the machines and the business, with multiple advantages and great comfort: an argument in favor for your customers to choose Danube equipment.

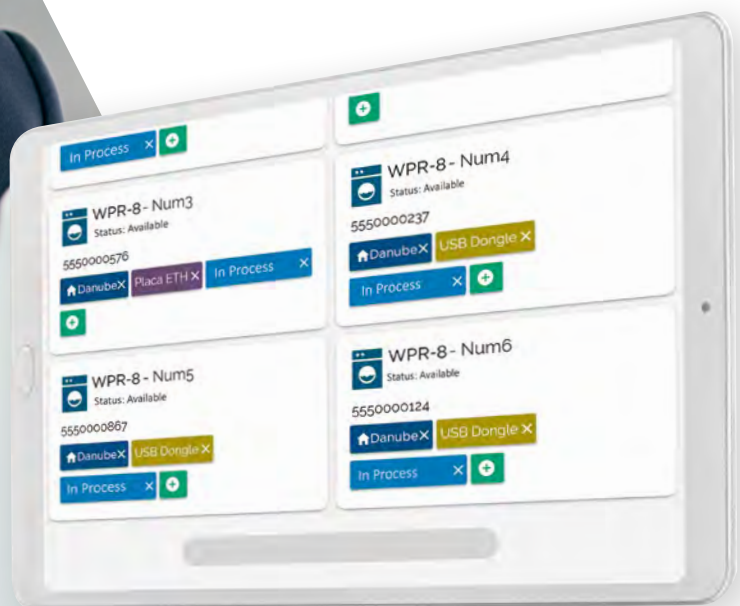


Control and manage the park of machines sold, locate the machines by zones, sales areas, organize your commercial strategy.

Optimize and enhance the technical assistance service, improve its performance thanks to the knowledge you will obtain from the machines.

### New business

The remote connection with the machines offers new business possibilities such as machine leasing or pay per use, etc.

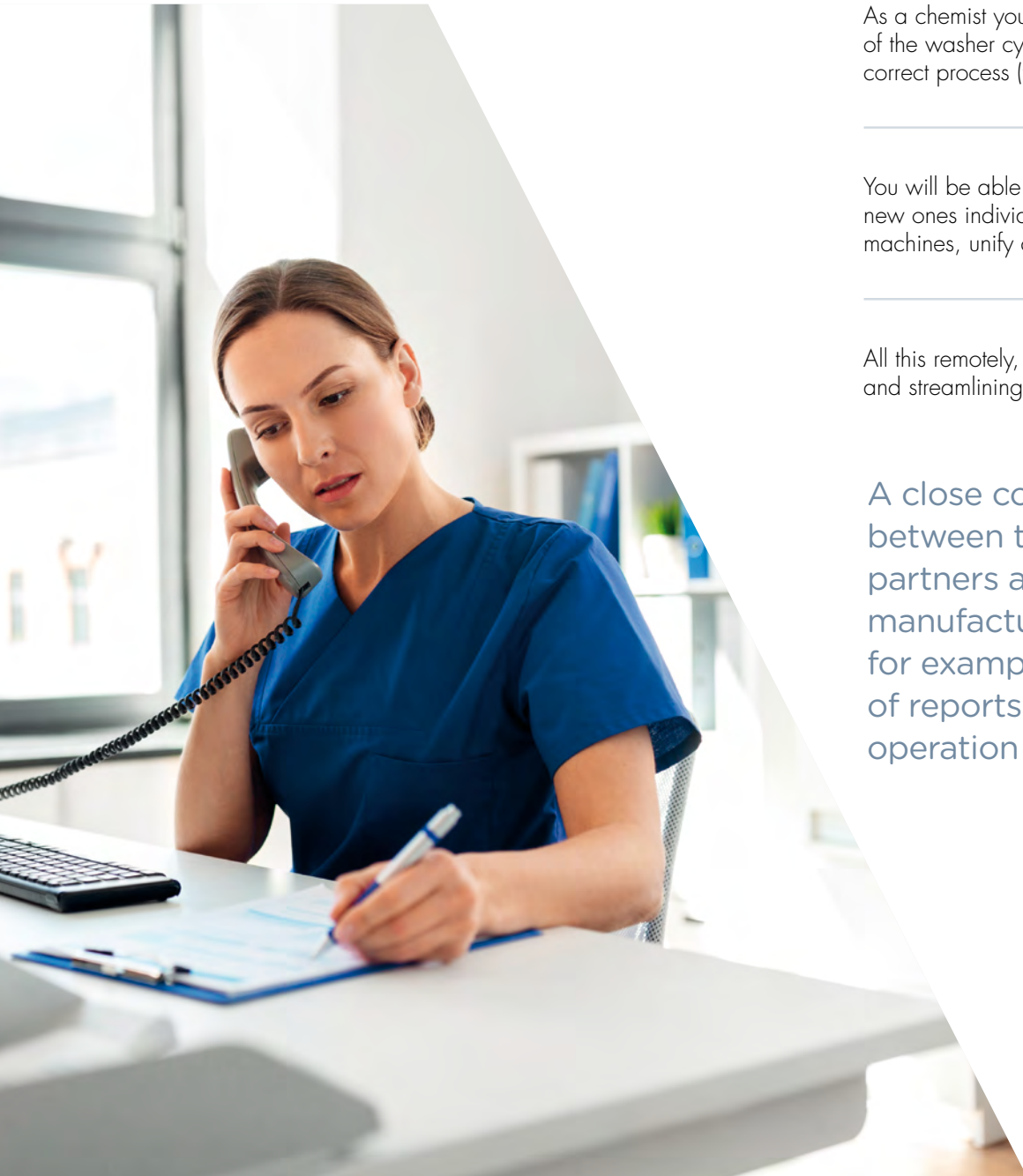


# USER PROFILES

## Chemical partners



Create, manage and distribute programs for your clients in a simple and easy way, and track the programs executions. Optimal programming guarantees the washing quality and the satisfaction of your client.



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As a chemist you will get all the traceability of the washer cycles (telemetry) to ensure the correct process (temperatures, times, phases).

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You will be able to review programs, create new ones individually or by groups of machines, unify criteria, etc

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All this remotely, reducing travel and costs, and streamlining management.

A close collaboration between the chemical partners and the manufacturer allows, for example, the creation of reports about the operation of the washer.

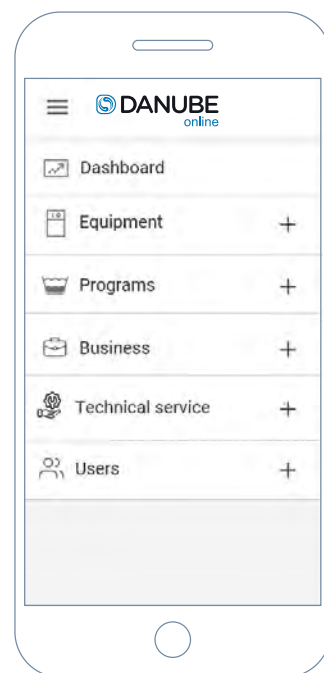
# WEB/APP



# WEB/APP Control Panel

In the control panel you can create custom charts to track your business and your machines. There are different types of graphs: device status, executed cycles, occupancy, income, geographic distribution, etc.

You will be able to configure the graphs for the machines you want and with the date range you want. In addition, you can download chart information (xlsx and csv).



# WEB/APP Machines

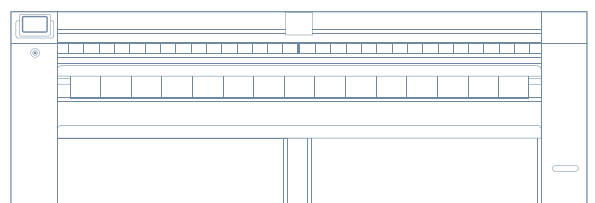
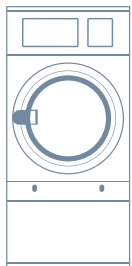
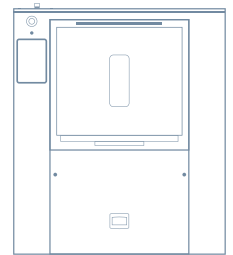
Manage your machines remotely: check the status, telemetry, statistics, etc. and filter, sort and group your machines.





## Remote machine management

You will be able to export and import programs and configurations, stop programs in progress, release programs, restart the machines, etc. and operate with the remote desktop

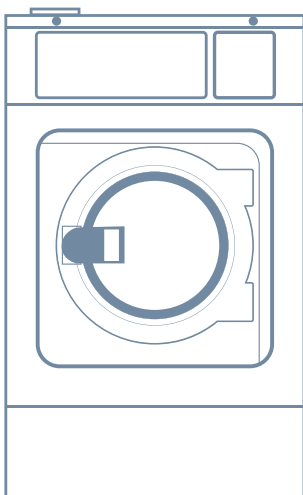
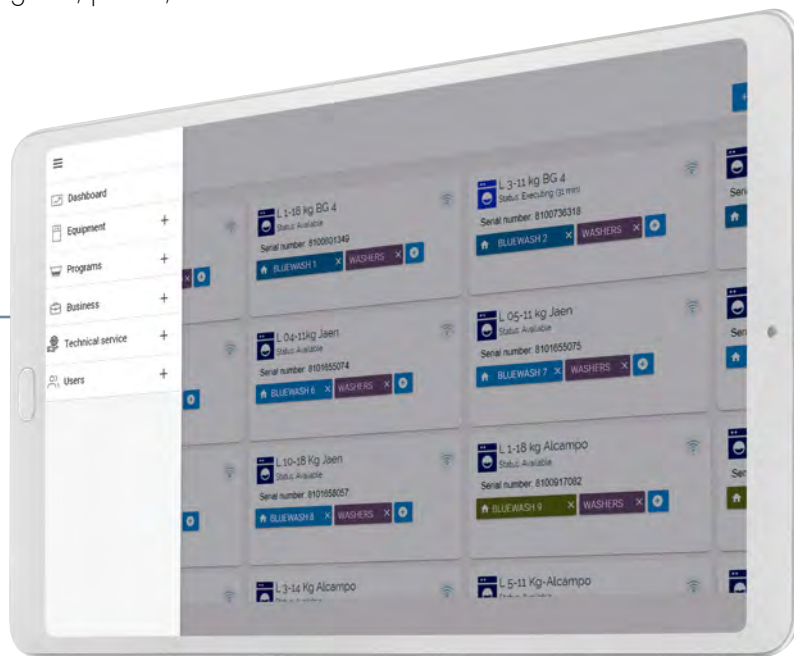


# WEB/APP Programming

This menu offers you a wide range of possibilities to configure and program your machines remotely (machine configuration, phases, washing and drying programs...), create groups and filters, etc. The new telemetry gives you a lot of information about the machines, the executed cycles, etc.

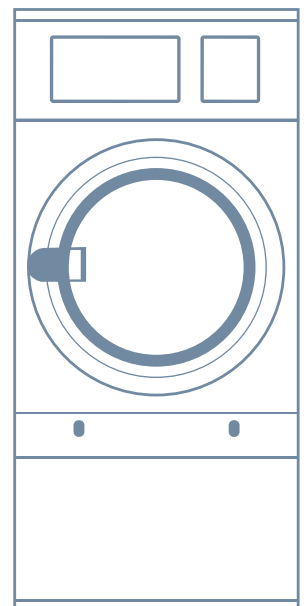
## Washer/Dryer Editor

Customize and edit programs, phases, and machine settings.



- Washers**
- Programs
  - Phases
  - Rabc/telemetry
  - Statistics
  - Configurations
  - Price plan

- Dryers**
- Programs
  - Phases
  - Rabc/telemetry
  - Statistics
  - Configurations
  - Price plan



# WEB/APP Technical service

New section of Danube Online that offers the technical service information and tools to provide a better service to the customers, avoiding unnecessary trips.

## Documentation

Access to the machine documentation (user and installation manuals).

## Intervention management

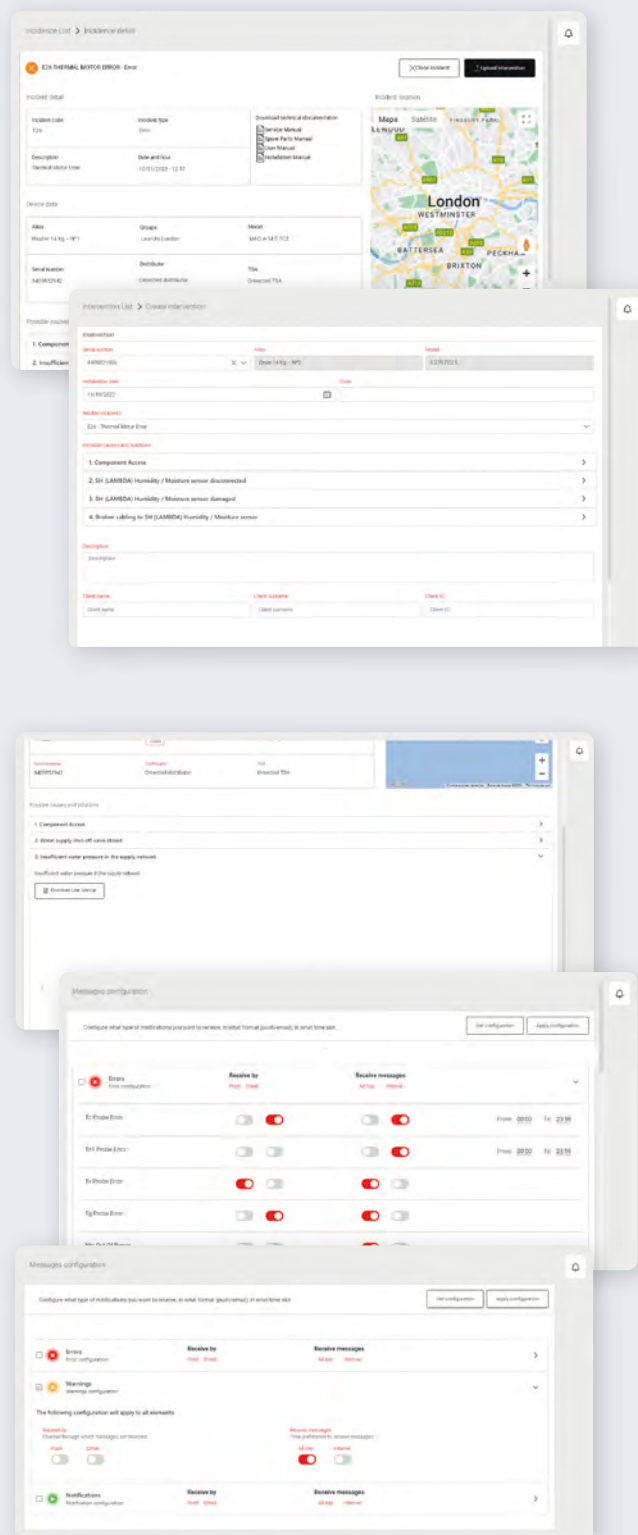
Ability to enter the system and manage interventions associated with incidents.

## Support breakdowns/incidents

Incident management:  
list of incidents generated by the machines.

## Configuring Warning/ Error Notifications

Each user will be able to configure what type of notifications they want to receive, in what time slot, etc.



# WEB/APP Businesses

From the “My businesses” section, the owner will be able to set up and manage everything concerning his laundries, whether self-service or OPL (information on laundries, machines, timetables, operators, supply costs, etc.).

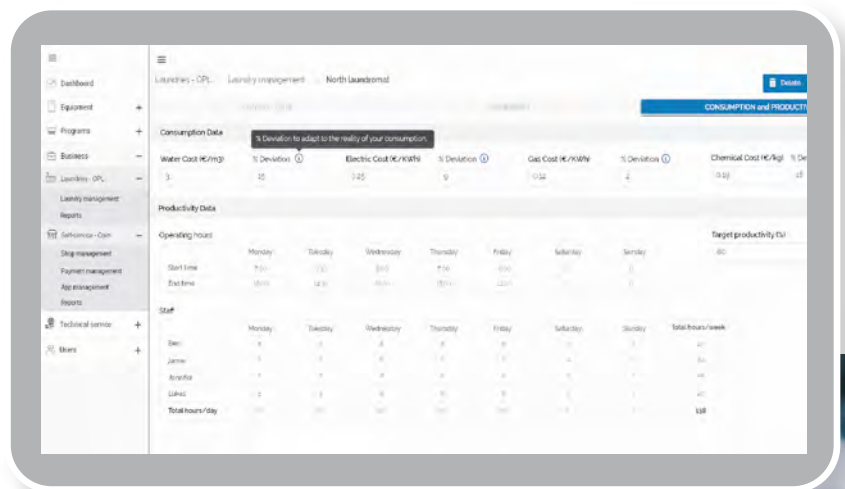


INDUSTRIAL LAUNDRIES



BUSINESS MANAGEMENT

In order to view reports on the business, the owner must report the consumption and productivity data of his business:



In the case of self-service laundries, owners will also be able to consult information regarding the use of the Danube Online app in their stores (operations carried out, invoices requested and issued, etc.).

With all the information, the owner will be able to obtain a global and detailed vision of his business: productivity and consumption reports, management of each laundry, etc.



SELF-SERVICE LAUNDRIES



INVESTMENTS

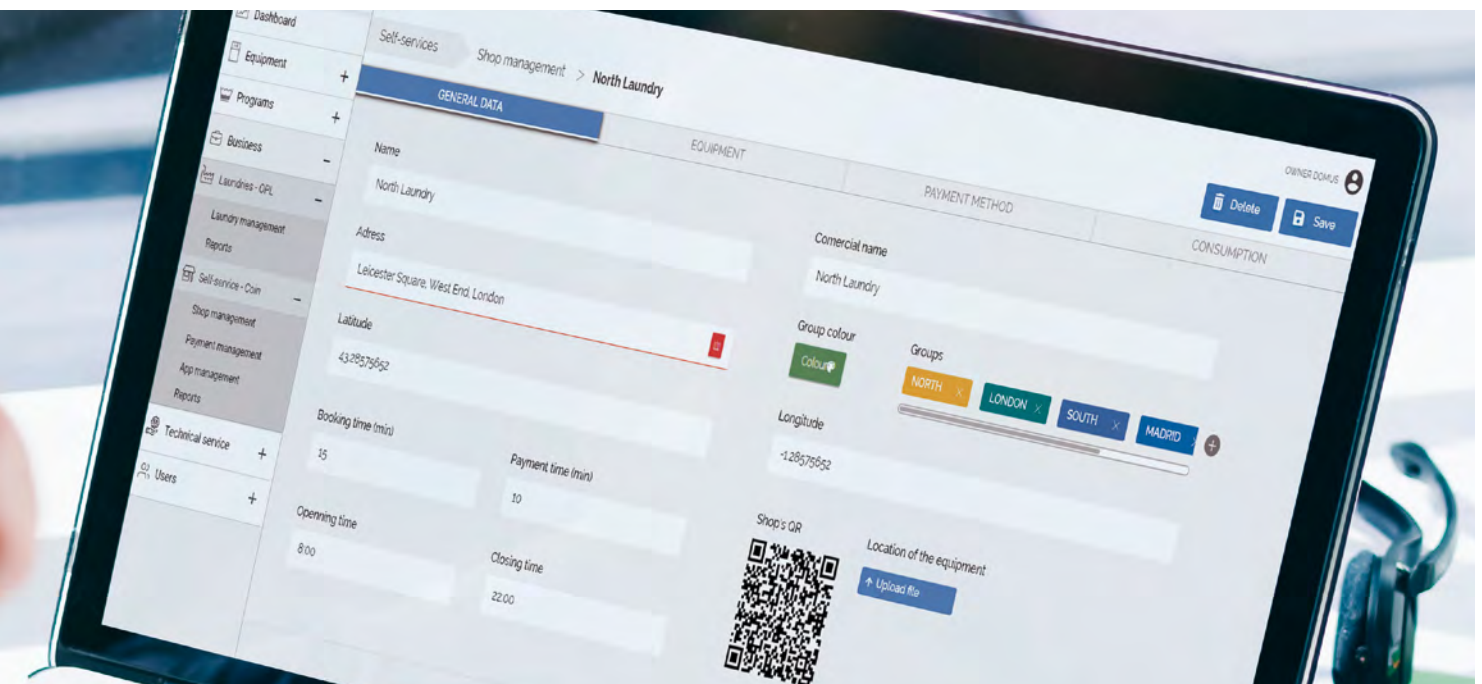
**There are two types of reports:**

**Productivity reports**

Graphs showing laundry productivity based on machine capacity, number of operators, hours of operation and occupancy. Only available for OPL laundries.

**Consumption reports**

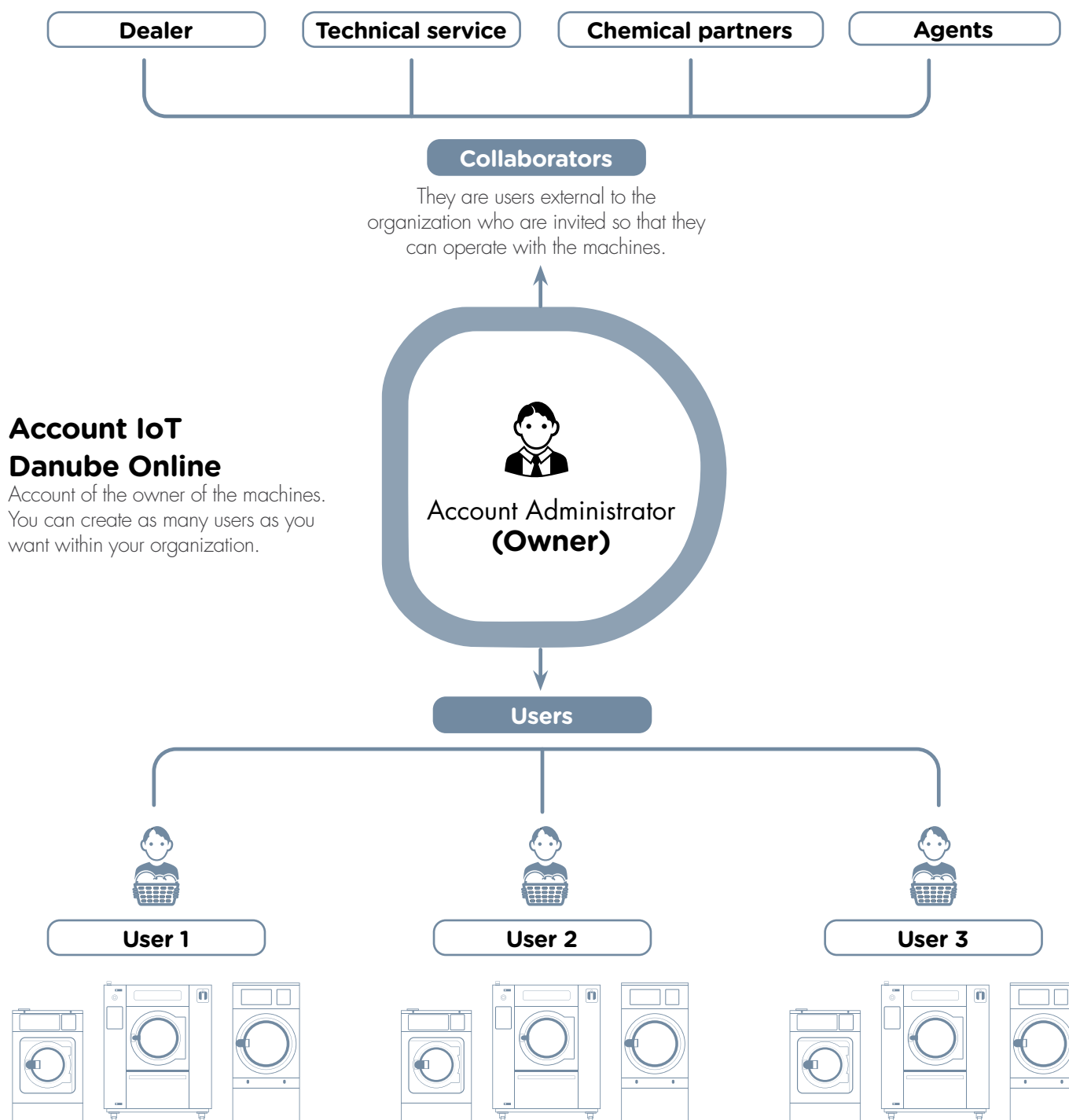
Graphs showing laundry consumption based on cost of supplies and estimated consumption based on each machine model.



# WEB/APP

## User management

By registering on the IoT platform you will be able to manage and give access to users in your organization, give permissions to your collaborators, technical service, agents, etc. You decide who accesses and manage the permissions for each of them.



### Account IoT Danube Online

Account of the owner of the machines. You can create as many users as you want within your organization.



You will always have full control of your equipment and who accesses your business data.  
Owners create their agents within their organization.  
These users access the menus you gave them as the owner.

# SELF-SERVICE APP

DANUBE LAUNDRY is the most comfortable option to operate from your mobile: choose the nearest store when you need a laundry, select the machine and the program and once finished, pay with your mobile.

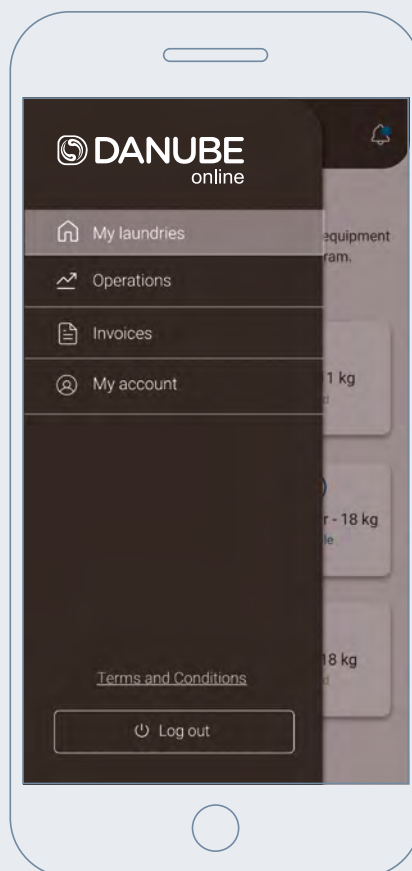
In addition, you will have statistics of all your laundry and you can take advantage of promotions.

## What is it?



DANUBE LAUNDRY

App for self-service laundries



Allows users to find a laundromat and select, book and pay for a washing or drying program from anywhere

Intuitive and easy to use

Available for Android and iOS free of charge

Laundromat owners can easily monitor their activity from Danube Online



# SELF-SERVICE APP for the owner

**BLUEWASH**  
by Danube



Configure and manage your laundromat (opening hours, program prices, payment methods, QR code, promotions, supply costs, etc.), so that your customers can find your laundry in the DANUBE LAUNDRY app.

Through the management platform you can configure the following information about your laundry:



**Name**



**Location**



**Opening hours**



**Booking and payment times**

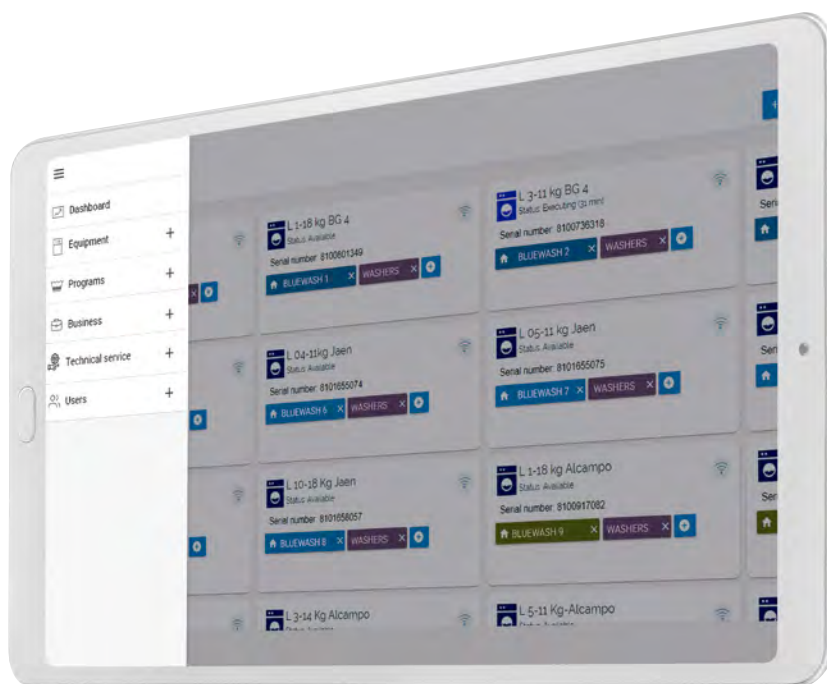


**Payment methods**



**Supply costs (water, electricity, gas and chemicals)**

As the owner, configure and manage your self-service laundry to achieve maximum efficiency for your business.



# SELF-SERVICE APP for the user



Offer the self-service app to your customers.

With the self-service App, your customers will be able to find your laundrette and conveniently book and pay for the machines, both from the App and from the QR code displayed on the machine screen.



Manage booking and payment in your laundry with confidence. Through the app you can:



**Find laundrettes and add them to your favorites**



**Know the status of the machines in real time**



**Book machines to wash or dry**



**Pay through the APP**



**Get notifications of the program when it is about to end**



**View your operations**



**Request and download your invoices**



**Receive discounts and promotions**