

IOT BENEFITS FOR THE LAUNDRY





- Alexandro

......

11111 111111

......

The internet of things

Information is essential for the good management of a business. And in a globalised world, the ability to consult information remotely facilitates management and optimises time.

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

With this in mind, **DOMUS** machines have been designed using up-to-the-minute technology to connect them to the cloud and obtain a large variety of information.

The two-way communication between machine and user, via the cloud, allows you to optimise your time, and analyse and manage your business more efficiently.

PRODUCT EXPORT

We put all the information about the machines and your business at your fingertips. Connected any time, any place.



Multi-lingual Available in multiple languages with more to come

Secure communication Availability, integrity and confidentiality

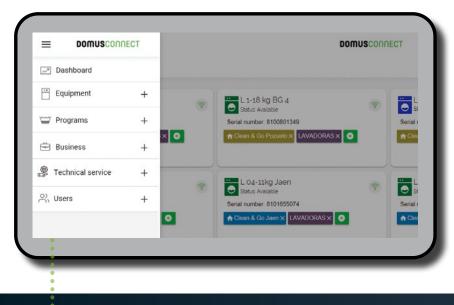
Easy to use UX (User Experience) UI (User Interface)

Useful for everyone Owner/end user, technical service, distributor and chemical companies

Constantly evolving A team dedicated exclusively to developing and evolving the platform

Main features





Control panel

Customised graphs to keep track of your business, installed machines, customers, etc.

Machines

Management: telemetry, statistics, remote access, error alerts, etc.

Configuration: programs, phases, prices, washer and dryer setup, etc.

Programming

Control your machines remotely, (create programs, phases, group programs, filter) view telemetry and much more.

Business

<u>OPLs</u>: keep track of your business, production, consumption, export reports, and more.

<u>Self-service:</u> configure and manage your self-service laundry (opening hours, payment methods, discounts, prices, etc.)

Technical service

Documentation, intervention management, remote breakdown and incident support, telemetry, etc.

User management

Manage the users who have access to your machine information. Grant access to who you want: your organisation, agents, technical service, chemical companies, etc.

User profiles



Owners / end users

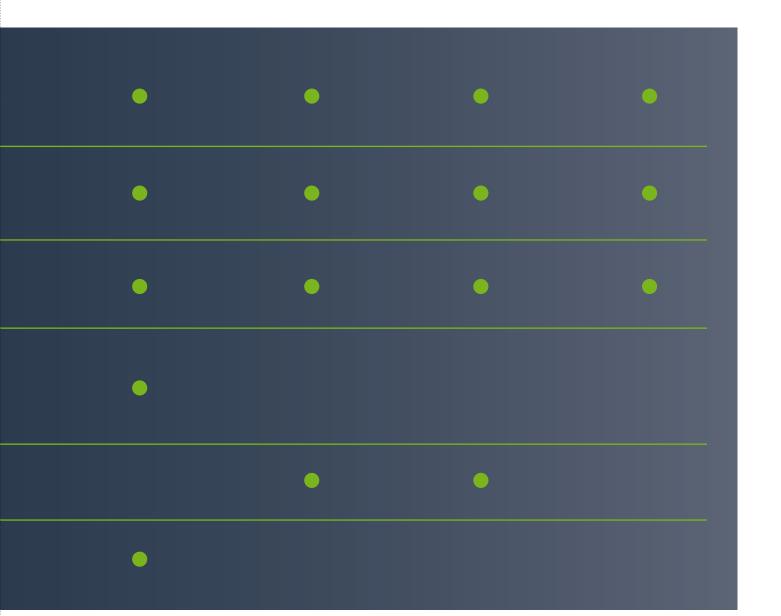




Technical service



Chemical companies



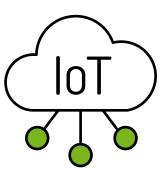
Connect your machines **DOMUSCONNECT**

Domus machines with TOUCH II come with the connectivity feature. The licence is **free of charge**. The internet connection is via Ethernet and allows access to the world of IoT, so you can enjoy all its advantages.



Ethernet connection as standard on all TOUCH II machines.





DOMUSCONNECT





User profiles



Owners / end users

Improved usability, efficiency and convenience. Business control: configurable reports on production, cycles, consumption, revenue, etc. Ensures washing and drying processes, guarantees hygiene and disinfection, washing quality, etc.

+ information + safety + control

Control panel

Customised graphs to keep track of your business





Technological basis for new businesses, leasing, maintenance contracts, self-service, etc. Databases of installed machines, geographical distribution, models, and more. Greater added value of Domus machines for the customer.

+ opportunity + information + added value





Technical service

Improved customer service. Improved, more efficient and less costly processes, avoiding unnecessary journeys. Remote troubleshooting available. Program telemetry, with complete information on all programs performed. Access to user and installation manuals.

+ efficiency + support + information

SAT - Documentation





Chemical companies

Management and creation of wash and dry programs, online and offline. Ensures washing and drying processes, guarantees hygiene and disinfection, washing quality, etc. Remote management. Program telemetry, with complete information on all programs performed.

+ information + management + ease





Owners / end users

DOMUS Connect gives you the peace of mind of having control of your business. All you need to do is connect your machines to the internet (using an Ethernet cable) and you can supervise your business from home or the office, without physically travelling to the laundry. Customers require reliability and efficiency, and you want to offer them this. Traceability of the washing and drying cycles is vital for ensuring **maximum hygiene**.

The control panel lets you configure the graphs that are most useful to you when it comes to assessing and monitoring your business or businesses. You can view logs or developments in real time, for each machine or for groups/ laundries. Times and cycles, revenue for a selfservice laundry, etc.

Share the information and management with whoever you choose: internal or external technicians, collaborators, for the mutual benefit of all.





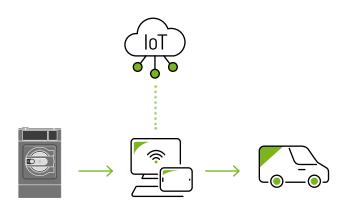
A quick and efficient after-sales service is essential. With the IoT from **DOMUS** you can connect remotely to the machines in order to make the best decisions.

Unnecessary visits are avoided and you can find out the real-time or historic state of the machine, allowing you to determine the most suitable action to take.

You can resolve incidents using remote tests, update software, modify programmes and use the machine from the remote desktop.

Technical service

The after-sales or commercial service is the best guarantee for winning customer loyalty. A direct connection between your technician and the machine to find out about an incident allows effective action to be taken remotely, saving on time and travel.





Distributor

As a distributor, good customer service reflects on your good image and their loyalty.

The **DOMUS Connect** solution gives added value to the machines and to business, with multiple benefits at your convenience: an argument in favour of why your customers should choose DOMUS machines.

| I I I I I I I I I I I I I I I I I I I | DOMUSCONNECT | OWNER DOMUS |
|---------------------------------------|--------------------------------------|-------------|
| HPW-10 - Num 1 Estado: Disponible | HPW- 8 - Num 4 Estado: Disponible | |
| Número de serie: 5550000576 | Número de serie: 5550000237 | |
| A Domus X Placa ETH X En Seguimien | nto × Domus × USB Dongle × | |
| 0 | En Seguimiento X + | |
| DHS-18 -Num 5 Estado: Disponible | DHS-14 - Num 6 Estado: Disponible | |
| Número de serie: 5550000867 | Número de serie: 5550000124 | |
| ♠ Domus × USB Dongle × | ♠ Domus × USB Dongle × | |
| En Seguimiento 🗙 📀 | En Seguimiento 🗙 😁 | |
| HPW-10 - Num 7 | HPW-8 - Num 12 | |



Control and manage the fleet of machines sold, locate the machines by zones or sales area, organise your commercial strategy.

Optimise and bolster the technical service, improve the service thanks to the knowledge you obtain from the machines.

New businesses

Remote connection to the machines offers new business possibilities like machine leasing or pay-per-use, etc.



Create, manage and distribute the programs for your customers easily and simply, and track performance.

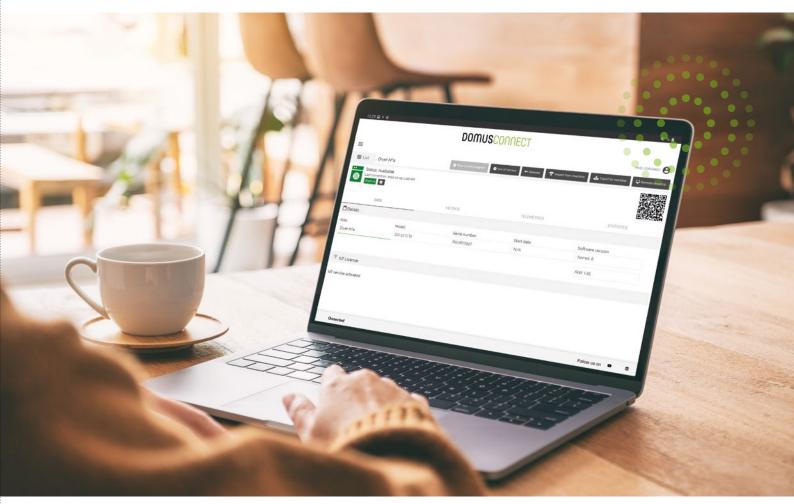
Chemical companies

Optimum programming guarantees the quality of the wash and your customer's satisfaction.

As a chemist you will receive full traceability of the wash cycles (RABC graphs) in order to guarantee the correct process (temperatures, times, cycles).

You can review programs, create new ones individually or by groups of machines, unify criteria, etc. All this remotely, reducing travel and costs, and streamlining management.

Close collaboration between the chemist and the manufacturer allows for the creation of reports on the operation of the laundry to be optimised, for example.



Control panel

The control panel allows you to create customised graphs to keep track of your business and your machines. Different types of graphs are available: device status, cycles run, occupancy, revenue, geographical distribution, etc. You can configure the graphs for the machines

you want and with the desired date range. Plus, you can download the graph information (xlsx and csv).

| ≡ | DOMUSCONN | ECT | |
|-------|-----------------|-----|----|
| 🔊 Da | shboard | | |
| Eq | uipment | + | |
| 🖙 Pr | ograms | + | |
| 🖻 Bu | siness | + | ×C |
| 🏽 Teo | chnical service | + | |
| ്, Us | ers | + | |
| | | | 0 |
| | | | |
| | | | |





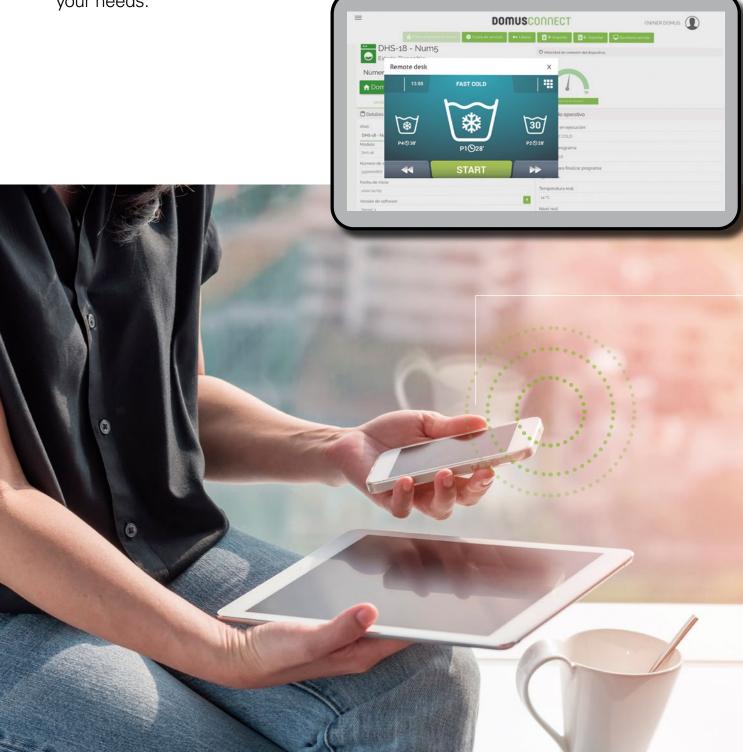




Machines

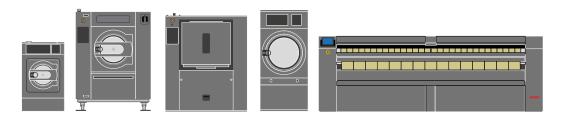
Manage your machines remotely: view the status, telemetry, statistics, etc., and filter and sort them as per your needs.





Remote machine management

You can export and import programs and configurations, stop running programs, release programs, reboot machines, etc. and operate with the remote desktop.

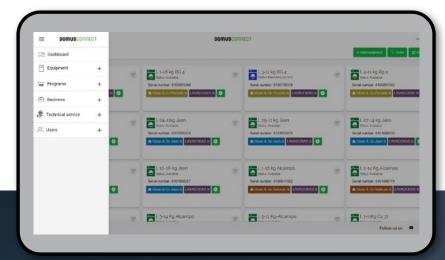


| Equipment management Import/Export Stop current program Import from equipment Import from equipment </th <th></th> <th>t. Import /Evport</th> <th></th> | | t. Import /Evport | |
|---|-----------------------------|----------------------------------|----------|
| Release Cancel released program Cancel released program Delete programs in the equipment Statistics Cancel released program Delete programs in the equipment Statistics Cancel released program Cancel released program Statistics Cancel released program Statistics Software version: Kemel: 42 | | | |
| Cancel released program Cancel released program Cancel released program | - | | |
| C Reboot equipment Out of service Software version: Lock screen Kemel: 42 | X Cancel released program | Delete programs in the equipment | |
| C Reboot equipment O Out of service Software version: Lock screen Kemel: 42 | Add extra time | [] | |
| Software version: Kemel: 42 | 💍 Reboot equipment | | Alistics |
| Kemel: 42 | Out of service | | |
| O- Self-service menu Access | N. Lock screen | | |
| App: 2.31 | O→ Self-service menu Access | Kernet 42 | |
| | | App: 2.31 | |
| | | | |
| | | | |

Programming

This menu offers you a wide range of possibilities for configuring and programming your machines remotely (machine setup, phases, wash and dry programs...), as well as for creating groups and filters, etc. The new telemetry gives you plenty of information about the machines, the cycles run, and more.





Washer/dryer editor

Customise and edit programs, phases and the machine setup.

WASHER

- · Programs
- $\cdot \text{ Cycles}$
- · RABC/Telemetry
- · Statistics
- · Configurations
- · Price plan







DRYERS

- · Programs
- · Cycles
- · RABC/Telemetry
- · Statistics
- · Configurations
- · Price plan



Technical service

New section of DOMUS Connect that offers the technical service information and tools to provide a better service to its customers, avoiding unnecessary journeys.

Documentation

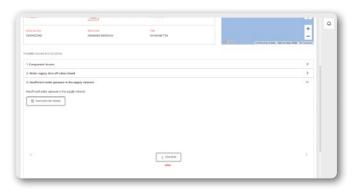
Access to the machines' documentation (user and installation manuals).

| E26 THERMAL MOTOR ER | ROR - Emor | | XDate incident |
|---|--------------------------------------|------------------------------------|---|
| Sent detail | | | Incident location |
| vodent oode (26 | incident type Draw | Download technical documentation | Mapa Satélite responses [] |
| Description Thermal Motor Error | Date and hear \$0/01/2823 - 12:57 | User Manual Enclaitation Manual | |
| vice data | | | WESTMINSTER |
| Altan | Groups | Model | |
| Washer 14.6g - MP1 | Laundry Lendon | MAD A 14 E TC2 | BATTERSEA DECKHA |
| | Destributor | TBA | BRIXTON |
| Serial number | Ownersted distributor | Connected TEA. | |
| | Onverted distributor | | |
| 9409450942 | Onverted distributor | | |
| Senal number sativescosic; costible causes and solutions 1. Component Access | Onversed Balfoulou | |) () () () () () () () () () (|

Breakdown and incident support

Incident management:

list of incidents generated by the machines.



Intervention management

Possibility of entering in the system and managing the interventions associated with incidents.

| ntervention | | | | | |
|----------------------------------|-------------------------|--------------------|------|------------|----|
| Sela surber | | Allan | | Model | |
| 8420821305 | × ~ | Dever 14.6g - 14*2 | | \$ 2/01/21 | |
| rutaliston inte | | | Code | | |
| Hc/Hc/2022 | | 50 | | | |
| induced incidents | | | | | |
| 128-Thermal Minior Drox | | | | | Ψ. |
| Possible causes and solutions | | | | | |
| 1. Component Access | | | | | > |
| 2. SH (LAMBDA) Humidity / Moisto | resensor disconnected | | | | > |
| 3. SH (LAMBDA) Humidiky / Moiste | re sensor damaged | | | | > |
| 4. Broken cabling to SH (LAMBDA) | Humidity / Molsture see | er. | | | > |
| | | | | | |
| Description | | | | | |
| Description | | | | | |
| | | | | | |
| Clent name | | Clied summe | | Clerif (C | |
| Chevel name | | Clerif surgery | | Chevel 10 | |

Warning/error alert configuration

All users can set up the type of alerts they want to receive, between which hours, etc.

| ssages configuration | | | | 12 |
|---|---|-------------------------------------|---|----|
| Configure what type of notifications you w | ant to receive, in what formal (push-lemail), in what t | | flat configuration | |
| | | | | |
| Bror configuration | Receive by much stread | Receive messages Alitay interval | ~ | |
| Tc Probe Error | () | (1) | From 00.00 To 23.59 | |
| Tr 1 Probe Error | 00 00 | (1) | From 00:00 To 23:59 | |
| To Probe Dror | • • | | | |
| T ₂ Probe Error | • | | | |
| Nic Out Of Range | 000 | | | |
| | | | | |
| issages configuration | unt to receive a whet format (public small) in what | | Reconficience and conficience | |
| issages configuration | | | The conferences and a conferences | |
| nssigns configuration Configure what type of motifications you w | | | The configuration () () () () () () () () () () () () () | |
| Insuigns configuration Configure shart see al notifications you Configure that see all notifications you we configure that the second s | nit to recove, in what formal (publicities), in what Records by | tre sid. Recine streages | | |
| Entry of the second sec | entro receve, is what former (publicinal) is what Receive by Receive by Receive and | tre sid. Recire stranges | , | |
| Essages configuration Catigare and type of notications you Catigare and type of notications you The server of the server The tableary configuration will apply to Category Servers | entro recove, in what former (public on all in what Receive by Receive by Receive base all descents | the still. | , | |
| Entry of the second sec | entro recove, in what former (public on all in what Receive by Receive by Receive base all descents | Realite descapes | , | |

Businesses

From the "**My businesses**" section, the owner can configure and manage all aspects of their laundries, both self-service and OPL (laundry information, machines, opening times, operators, utility costs, etc.).



INDUSTRIAL LAUNDRIES



BUSINESS MANAGEMENT



SELF-SERVICE LAUNDRIES



INVESTMENTS

In order to be able to view reports on the business, the owner must provide data on the consumption and productivity of the business:

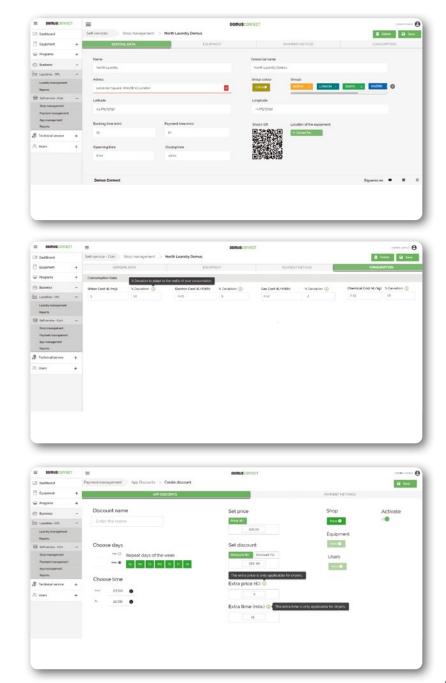
| Domusconnec | | = | | | | D | MUSCONNECT | r | | | | CHINER DOMUS |
|---|---|-------------------|----------------|-----------------|--------------------------------|----------|------------|-----------------|-------------|------------------|----------------------|---------------|
| Dashboard | | Loundries - OPL L | aundry manager | ient > N | orth laundromat | | | | | | | islata 🔒 Save |
| Equipment | + | | GENERAL DAD | | | | EOUPM | INT | | CONS | UMPTION and PRO | OUCTIVITY |
| w Programs | + | Consumption Data | * Desirio | In adapt to the | he reality of your consumption | | | | | | | |
| Business | - | Water Cost (€/m3) | % Deviation | - | Electric Cost (€/KWh | | n (i) | Gas Cost+€/KWhi | % Deviation | () Che | mical Cost (€/kg) | % Deviation ① |
| Laundries - OPL | - | 3 | 15 | | 0.25 | 9 | | 0.52 | 2 | 0: | 19 | 10 |
| Laundry management Reports | | Productivity Data | | | | | | | | | | |
| Self-service - Coin | - | Operating hours | | | | | | | | Tary | pet productivity (%) | |
| Shop management | | | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | 80 |)) | |
| Payment management | | Start time | 7:00 | 6.30 | 8.00 | 700 | 8.00 | ¢ | 0 | | | |
| App management | | End time | 1500 | 54.90 | sico | -500 | \$200 | 0 | 0 | | | |
| Reports | | Staff | | | | | | | | | | |
| A Technical service | + | | Monday | Tuesday | Wednesday | Thursday | Friday | Seturday | Sunday | Total hours/week | 0 | |
| S, Users | + | Ben | | 1 | | | 8 | 0 | 0 | .40 | | |
| Circular in the second | | Jamie | 6 | 6 | 6 | 6 | ó | 4 | 0 | 34 | | |
| | | Jennifer | 4 | | 4 | | | 4 | 0 | 24 | | |
| | | Lukas | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 40 | | |
| | | Total hours/day | 26 | 26 | 26 | 26 | 26 | н. | 0 | 130 | | |
| | | | | | | | | | | | | |

With all the information, the owner will obtain a complete and detailed overview of the business: reports on productivity and consumption, management of each laundry, etc.

There are two types of reports:

Productivity reports

Graphs showing the productivity of the laundry based on the capacity of the machines, number of operators, working hours and occupancy. Only available for OPLs.



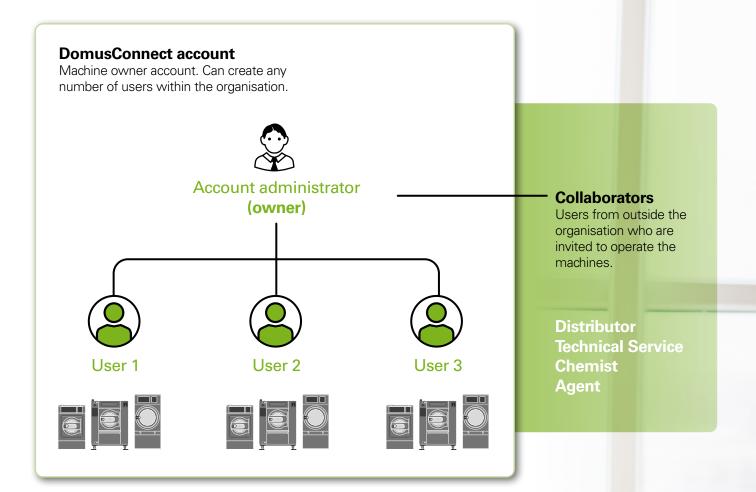
Consumption reports

Graphs showing the consumption of the laundry according to the utility costs and the estimated consumption of each model of machine.

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

User management

By registering on the IoT platform you will be able to manage and give access to the users of your organisation, give permissions to your collaborators, technicians, agents, etc. You decide who has access and manage all their permissions.



You will always have complete control of your equipment and who has access to your business data.

Owners can create their agents within the organisation. These users access the menus for which you, the owner, have given them permission.

Self-service app

DOMUS LAUNDRY app is the most convenient option for using the service with your mobile: choose the shop closest to you when you need a laundry, select the machine and the program and, once finished, pay using your mobile. You will also get statistics on all your washes and be able to enjoy promotions.

What is it?

Self-service laundry app

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

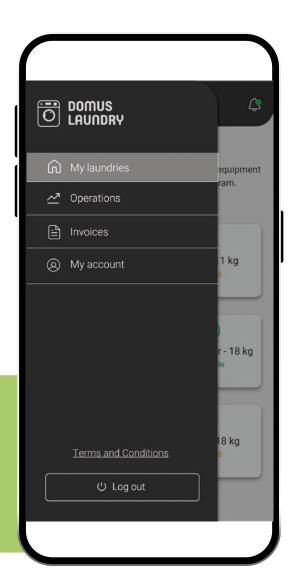
Intuitive and easy to use

Available for Android and iOS for FREE

Laundry owners can keep track of their business easily through DOMUSConnect



DOMUSLAUNDRY





Download the app Android iOS



Self-service app for the owner



Configure and manage your self-service laundry (opening times, program pricing, payment methods, QR code, promotions, utility costs, etc.), so your customers can find your laundry on the DOMUS LAUNDRY app.



As the owner, configure and manage your self-service laundry to maximise the efficiency of your business. You can configure the following information about your laundry through the management platform:

NAME

LOCATION

OPENING AND CLOSING TIME

BOOKING TIME AND TIME FOR PAYMENT

PAYMENT METHODS

UTILITY COSTS (WATER, ELECTRICITY, GAS AND CHEMICALS)

| GENERAL DATA | EQUIPMENT | | PAYMENT METHOD | CONSUM | PTION |
|-----------------------------------|--------------------|-------------------|---------------------------|----------------|-------|
| Name | | Comercial name | | | |
| North Laundry | | North Laundry Dom | uš | | |
| Adress | | Group colour | Groups | | |
| Leicester Square, West End, Londo | n 🗖 | Colour® | NORTH × LONDON × | SOUTH X MADRID | 0 |
| Latitude | | Longitude | | | |
| 43.28575652 | | -128575652 | | | |
| Booking time (min) | Payment time (min) | Shop's GR | Location of the equipment | | |
| 15 | 10 | | ↑ Upload file | | |
| Openning time | Closing time | | | | |
| 8.00 | 22:00 | | | | |
| | | | | | |
| Domus Connect | | | | Siguenos en | |
| | | | | | |
| | | | | | |
| | | | | | |

Self-service app for the user



Offer the self-service app to your customers:

With the self-service app, your customers can search for your laundry, book and pay for the machines easily, from the app itself and through the QR code displayed on the machine screen.



Manage bookings and payments at your trusted laundry. The app lets you:

SEARCH FOR LAUNDRIES AND ADD THEM TO FAVOURITES

VIEW THE STATUS OF THE MACHINES IN REAL TIME

BOOK MACHINES FOR WASHING OR DRYING YOUR LAUNDRY

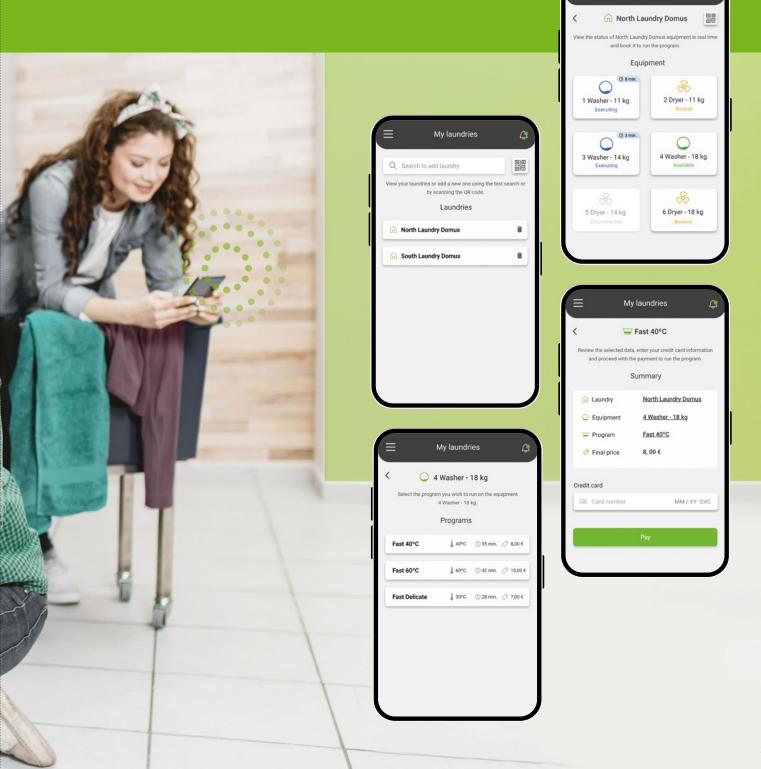
PAY THROUGH THE APPLICATION

RECEIVE PROGRAM ALERTS WHEN IT IS ALMOST DONE

VIEW YOUR OPERATIONS

REQUEST AND DOWNLOAD YOUR INVOICES

RECEIVE DISCOUNTS AND PROMOTIONS



My laundries



C. Energia, 12 - Pol. Ind. La Quintana 08504 Sant Julià de Vilatorta BARCELONA (SPAIN)

SALES DEPARTMENT

T. +34 93 888 71 53 M. +34 649 482 730 domus@domuslaundry.com export@domuslaundry.com

ONNERA GROUP



AFTER-SALES

DEPARTMENT

T. +34 93 888 76 73

sat@domuslaundry.com

PARTS DEPARTMENT

T. +34 93 888 76 83 parts@domuslaundry.com



