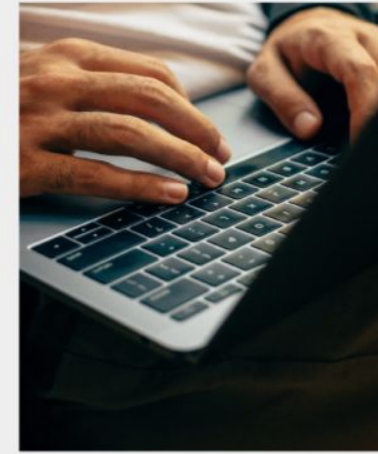


Roca Connect

Smart data for better
water management



Index



3

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10

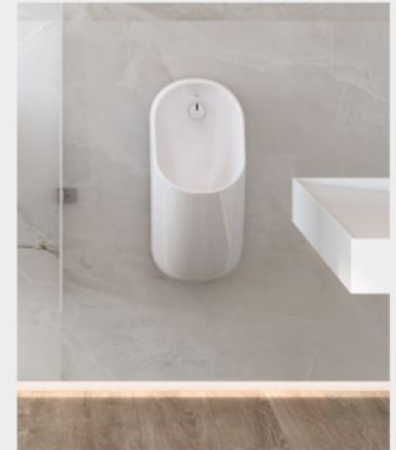
Roca Connect 3

A game-changer for every stakeholder 7

Roca Connect in action 10

Technological explanation 13

Installation and post-sales 34



13

34

Roca Connect

2

Roca Connect

The smart bathroom solution
for better water management

Connect your installations.

Send and receive real-time data from Roca Connect products.

Manage their status and consumption.

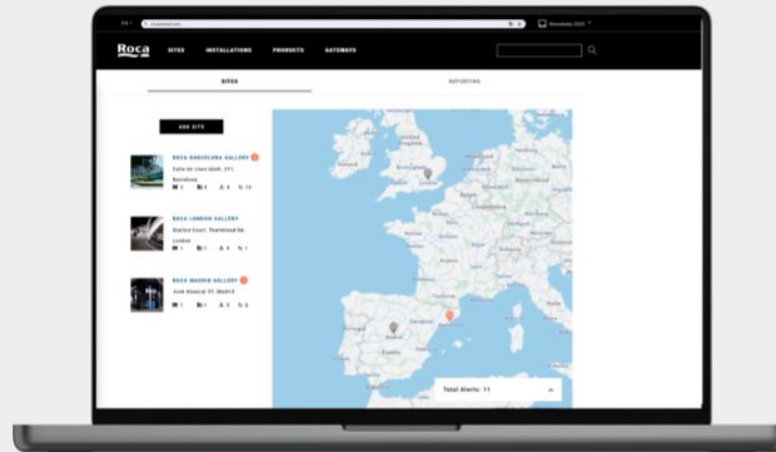
Roca Connect devices are interconnected, providing real-time data and enabling better service.

With these devices, you can monitor water consumption, receive warnings and alerts, gain insights, and predict behaviour through their built-in systems.



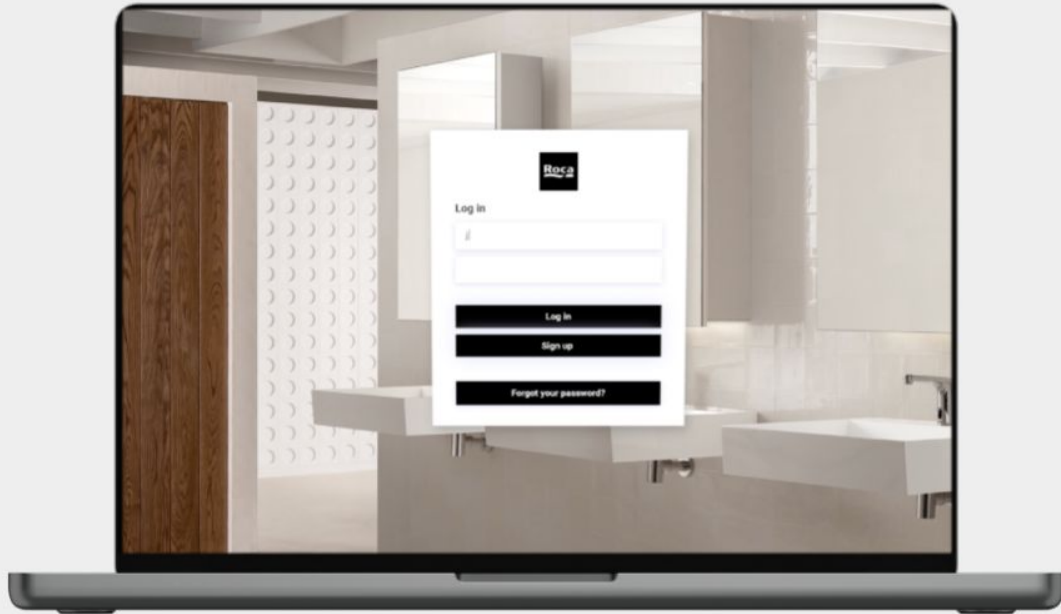
Manage devices
through the Roca Connect
dashboard or app.

At any time, from anywhere.



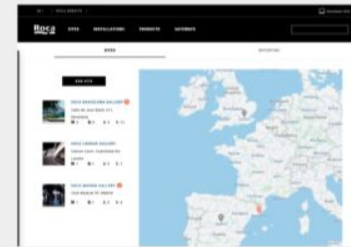
Roca Connect enables remote management of multiple installations and bathroom devices through an intuitive dashboard or app, anytime and anywhere.

Access your installation with ease with the dedicated app.



View statistics, receive alerts and access product specifications. Manage multiple bathroom facilities in as many locations as needed.

Advanced technology. Easy to use.



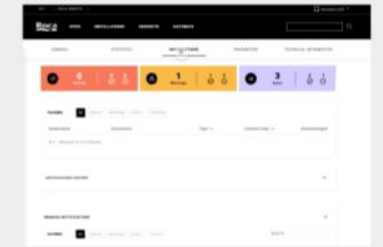
1

Log in to the app or website and select the bathroom facility you want to manage.



2

View all connected products in the installation and access detailed usage insights and statistics here.



3

Receive push notifications and modify product parameters as needed. You also have access to the product's technical specifications.

A game-changer for every stakeholder

Benefits and opportunities

Benefits and opportunities of smart bathrooms



Smart, easy and efficient water management

Making decisions about installations is simple with a digital interface that provides all the relevant data.



Improve user satisfaction with total comfort

Improve guest satisfaction and loyalty by creating a more convenient, comfortable, and enjoyable user experience.



Substantial water and energy savings

When leaks are detected in real time and automatic alerts are triggered for every issue, problems can be addressed before they escalate.



Reduced service time for facility managers, cleaning personnel and installers

Detect all malfunctions through alerts and notifications to reduce troubleshooting time.



Lower maintenance costs for operators and owners

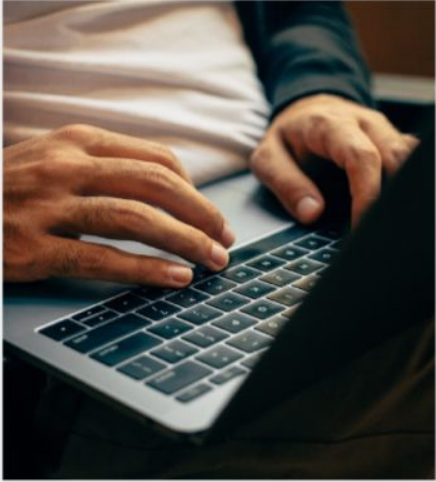
Service time means less time spent on billable maintenance. Quick issue detection enables early problem management.



Integration with 3rd party Building Management Systems (BMS)

Use your current BMS to monitor water and energy usage. This will improve your understanding and provide a comprehensive view of sustainability and cost savings.

Benefits for key professionals



Owners

Savings and peace of mind with **remote alerts** and remote real-time management statistics. Manage and configure every installation **wirelessly** through the dashboard and the app. Owners achieve **green building certifications** and reduce their environmental impact.

Greater sustainability · Operational efficiency
Cost reduction and greater user satisfaction.



Facility managers

Streamline remote operations to save time and optimise decision making for bathroom facilities. Rapidly detect malfunctions with personalised **push notifications and alerts**, reducing maintenance and contractor costs. A **cloud-based dashboard** provides statistics and historical water usage.

Easier and faster maintenance · Cost reduction
Better health and hygiene · Greater user satisfaction



Architects

Roca Connect provides high-quality quantitative data to **support design decisions**: optimise layouts, determine traffic flow and allocate space efficiently. Roca Connect devices contribute to **green building practices** by optimising energy use, water consumption and waste management.

Sustainability and green building · Energy efficiency
Smart building ready · Space optimisation



Installers

Roca Connect devices are designed to **connect wirelessly**, eliminating the need for complex wiring installations. This simplifies the installation process and reduces the time and effort required. Roca Connect allows installers to easily check and change parameters for a **smooth operation**.

Easy and quick setup of all devices
Intuitive installation · User-friendly interfaces

Roca Connect in action

Exploring the versatility of Roca Connect

Continuous water monitoring services for different markets



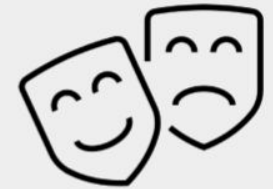
Offices



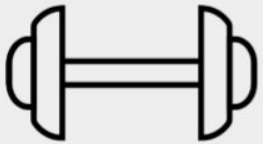
Schools



Hotels



Cultural Facilities



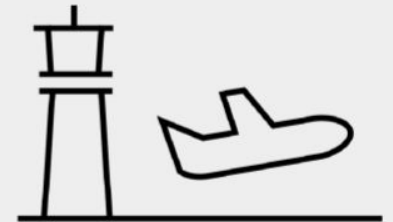
Gyms



Sports Centres



Shopping Centres



Airports and Stations

Roca Connect in action



At airports

Minimise congestion, optimise water consumption and flush in real time to reduce operational costs.

Improve customer satisfaction through better management and maintenance systems to minimise downtime and issues.



At shopping centers

Roca Connect directs maintenance personnel to specific issues, particularly installations, to optimise their working hours.

Improved maintenance performance provides a more convenient experience for shoppers, with fewer out-of-order situations.



At hotels

Improve customer service by detecting bathroom malfunctions proactively through warnings and alerts.

Streamline maintenance by addressing incidents instantly through a centralised dashboard and directing personnel efficiently.

Integrate Roca Connect with your BMS to track water consumption and improve your efficiency and sustainability efforts.



At stadiums

Optimise water flushing in toilets during periods of high usage (during halftime breaks) or disable it entirely when the facility is unoccupied or not in use.

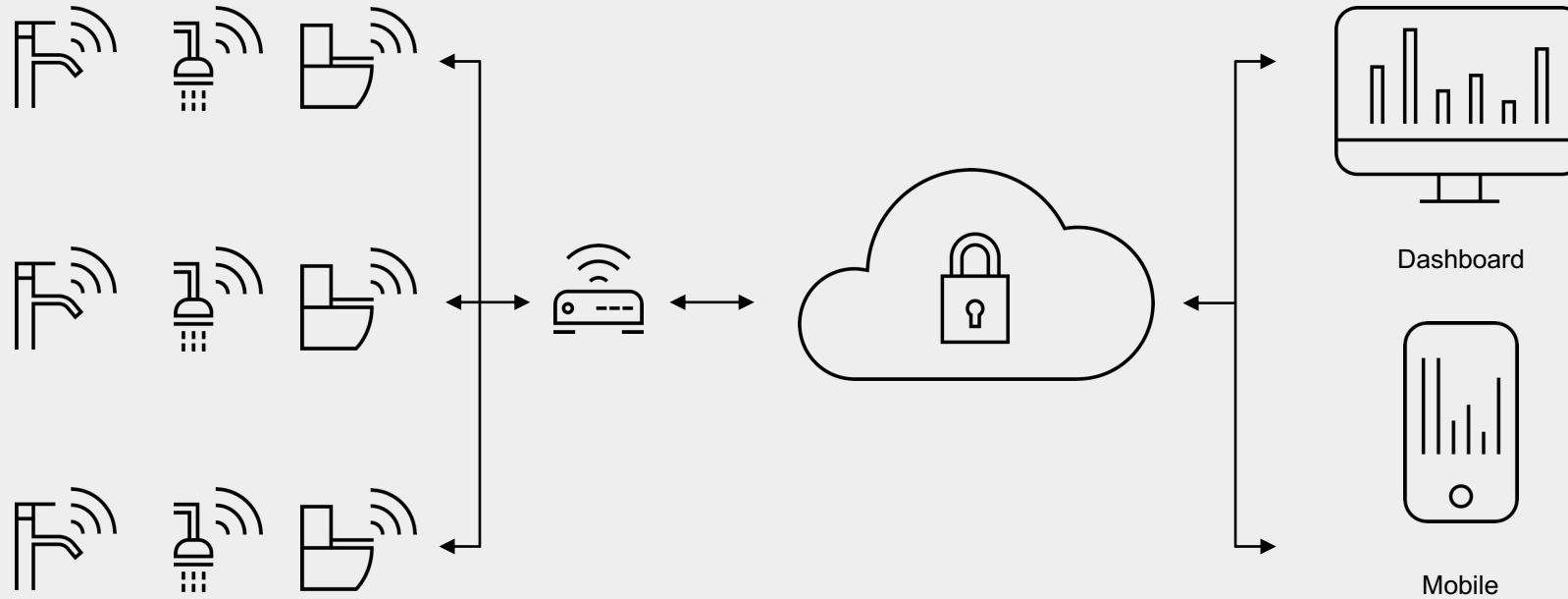
Ensure maximum hygiene remotely by using thermal and hygienic flushes.

Use data to make wayfinding decisions based on the most and least used installations.

Technological explanation

How a smart bathroom's
core works

A cloud-based architecture for processing and integrating data securely with full encryption



Roca Connect allows for seamless interconnectivity between all products via Bluetooth or Wi-Fi. The sensors collect data which is then processed through a local Gateway and securely sent to an encrypted cloud, ensuring optimal performance and security.

After processing in the cloud, the data is displayed in real time and in comprehensive detail on both the app and desktop dashboard. This allows for remote management of the configuration of every connected device.

A closer look into every component of the Roca Connect framework.

Products



Roca Connect Products

Gateway



Roca Gateway

Cloud



Data Collector

Platforms



App & Dashboard

BMS



Building Management System



Products



Roca Connect Products enable connection via either Wi-Fi or Bluetooth



Roca Connect Products



Faucets



Smart Toilets



Flushing Plates



Urinals



Smart Showers

Faucets



- Adjust flow time
- Distance sensor
- Schedule hygienic flush
- Set cleaning mode
- Set out of service/in service status
- Set punctual flush
- Safety closing time

Roca Connect



Faucets

Ona Connect
electronic mixer
M-Size



A5C559EC00

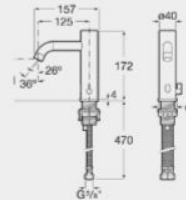
Electronic basin faucet mixer
with flexible supply hoses.

Mains operated at 230V.
Includes power source.

Finishes:



Measurements



L20 Connect
electronic one water
S-Size



A5C5709C00

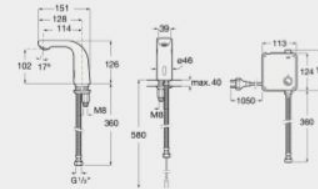
Electronic basin faucet one water
with flexible supply hoses.

Mains operated at 230V.
Includes power source.

Finishes:



Measurements



L20 Connect
electronic pre-mixed water
S-Size



A5C5509C00

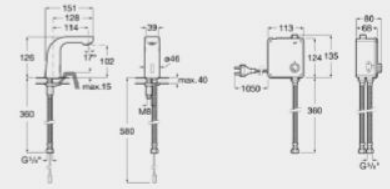
Electronic basin faucet pre-mixed water
with flexible supply hoses.

Mains operated at 230V.
Includes power source.

Finishes:



Measurements



Faucets

Loft Connect
electronic one water
XL-Size



A5C3943..1

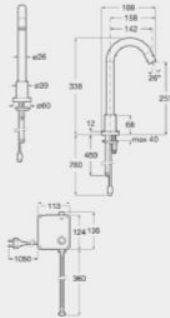
Electronic basin faucet one water
with sensor integrated in the spout.

Mains operated at 230V.
Includes power source.

Finishes:



Measurements



Loft Connect
electronic one water
L-Size



A5C4343..1

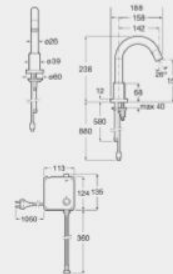
Electronic basin faucet one water
with sensor integrated in the spout.

Mains operated at 230V.
Includes power source

Finishes:



Measurements



Loft Connect
electronic one water



A5C5743..0

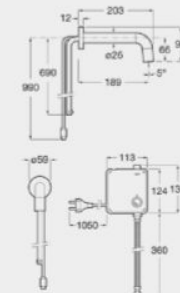
Built-in electronic basin faucet one water
with sensor integrated in the spout.

Mains operated at 230V.
Includes power source.

Finishes:



Measurements



Smart Toilets



- Get Ready Mode
- Check product status
- Periodic self-cleaning
- Adjust automatic functions
- Adjust wash and dry settings
- Schedule heated seat and night light

Roca Connect



Smart Toilets

In-Wash® Insignia wall-hung



A803104001

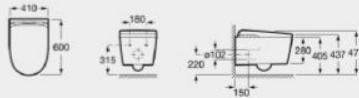
Wall-hung smart toilet with integrated dual flush 4,5/3 litre tank. Includes Roca Rimless® Vortex, seat and cover with premium washing and drying function. Supraglaze® glazing. Needs power supply.

Concealed supporting frame (A822091001) recommended for installation.

Finishes:

00

Measurements



In-Wash® Insignia back to wall single floorstanding



A803105001

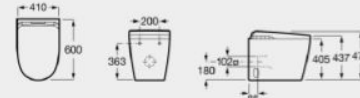
Back to wall single floorstanding smart toilet with integrated dual flush 4,5/3 litre tank and dual outlet. Includes Roca Rimless® Vortex, seat and cover with premium washing and drying function. Supraglaze® glazing.

Needs power supply.

Finishes:

00

Measurements



In-Wash® Ona wall-hung



A803150S01

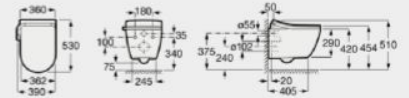
Wall-hung smart toilet. Includes Roca Rimless®, seat and cover with washing and drying function included.

Needs power supply. Duplo WC One Smart installation system (A890078020) recommended.

Finishes:

S0

Measurements



Smart Toilets

In-Wash® Ona
back to wall single
floorstanding



A803153S01

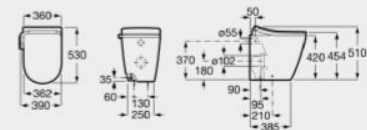
Back to wall single floorstanding smart toilet with dual outlet. Includes Roca Rimless®, seat and cover with washing and drying function included.

Needs power supply. Basic Tank One Compact installation system (A890070200) recommended.

Finishes:

S0

Measurements



In-Wash® Ona
close-coupled



A803151S01

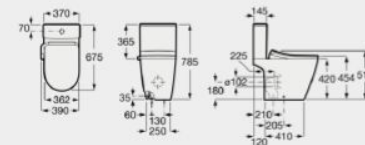
Close-coupled smart toilet with dual flush 4,5/3 litre and dual outlet. Includes Roca Rimless®, seat and cover with washing and drying function included.

Needs power supply.

Finishes:

S0

Measurements



Multiclean® M4



A804054001

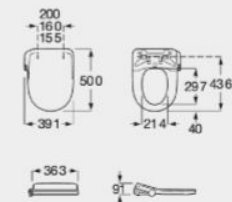
Smart seat with washing and drying function. Round shape.

Needs conventional water and power supply.

Finishes:

00

Measurements



Flushing Plates



- User activation mode
- Distance and time detection
- Set cleaning mode
- Schedule hygienic flush
- Set out of service/in service status

Roca Connect



Flushing Plates

PL10 Connect Dual Electronic

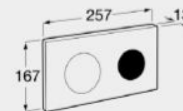


A890189520

Electronic chrome operating plate for Roca One installation systems. With automatic (Autoflush by presence sensor) dual flush.

No tools required for installation. Includes additional direct fixing.

Measurements



PL10 Pro Connect Dual Electronic

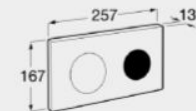


A890189530

Electronic stainless steel operating plate for Roca One installation systems. With automatic (Autoflush by presence sensor) or manual dual flush.

No tools required for installation. Includes additional direct fixing.

Measurements



Urinals



- Adjust flush time
- Distance sensor
- Set operating mode
- Schedule hygienic flush
- Set cleaning mode
- Set out of service mode
- Safety closing time

Roca Connect



Urinals

Sentronic-S Connect



A5C8102C00 + A525165303

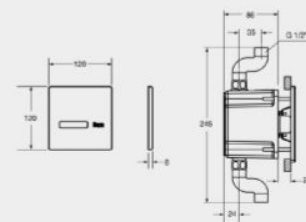
A5C8102C00
Electronic urinal flush valve.

A525165303
Internal subset with stop valve.
Mains operated at 230V.

Finishes:



Measurements



Smart Showers



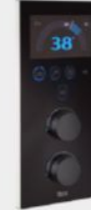
- Set maximum temperature
- Set maximum flow
- Set maximum time
- Schedule hygienic flush
- Set cleaning mode
- Set warm-up mode

Roca Connect



Smart Showers

Smart Shower

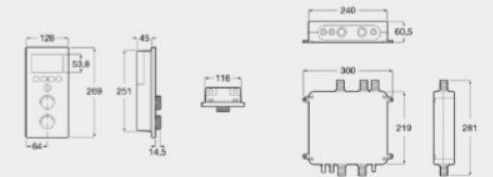


A5A104AC00

Electronic thermostatic mixer
for bath-shower.

Mains operated at 230V. Includes power
source, control panel and installation kit.

Measurements



Gateway



Roca Gateway
enhanced IP44

The Gateway is a physical device that connects Roca Connect devices to the cloud. Gateways act as a wireless access portal to give them access to the Internet.

It allows information to be sent and received between the devices and the cloud via Wi-Fi, LTE with 4G capability or Ethernet.

A Technological Bridge

This allows information to be sent and received between the devices and the cloud via Wi-Fi, LTE or Ethernet, with up to 30 products per gateway.

A Security Enabler

Gateways incorporate firewall capabilities to monitor and control inbound and outbound traffic, preventing unauthorised access. Information is encrypted and decrypted.

Latest Generation Communication with BMS

Local communication protocols with Building Management Systems such as BACnet, KNX, OPC UA, etc.



Cloud



Data Collector

Manage data throughout its life cycle.

The Roca Connect cloud platform collects data from the products, which is securely stored and filtered.

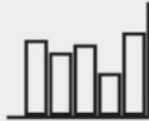
It displays real-time statistics of water consumption, usage, and activations, helping to detect anomalies and monitor de condition of each installation.



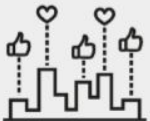
Gather and Create



Storage



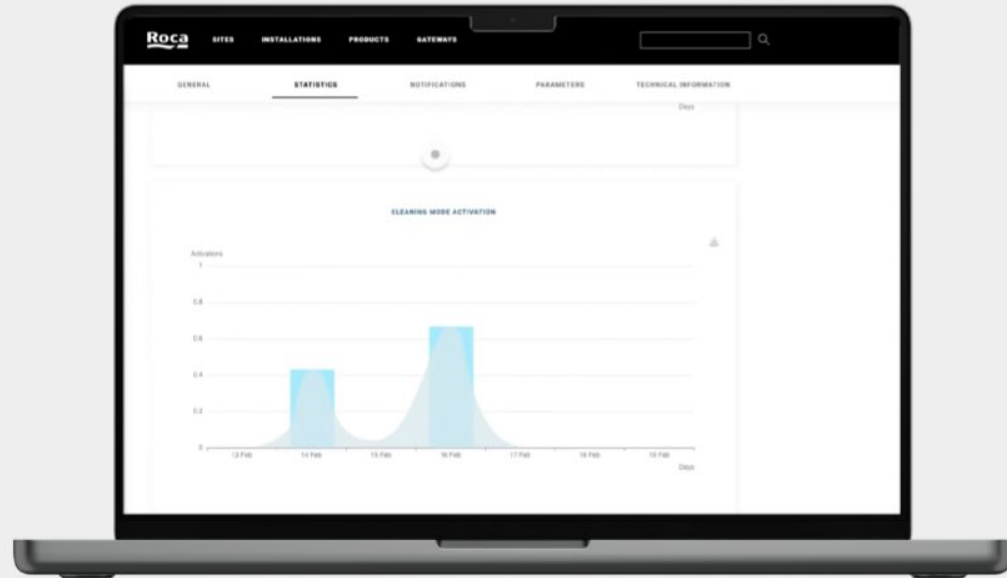
Usage Stats



Data Sharing



Archive



Platforms



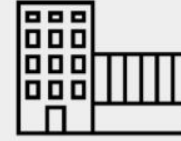
App & Dashboard

Digital tools allow data to be visualised and adjusted in real time, helping the management of each product and installation.



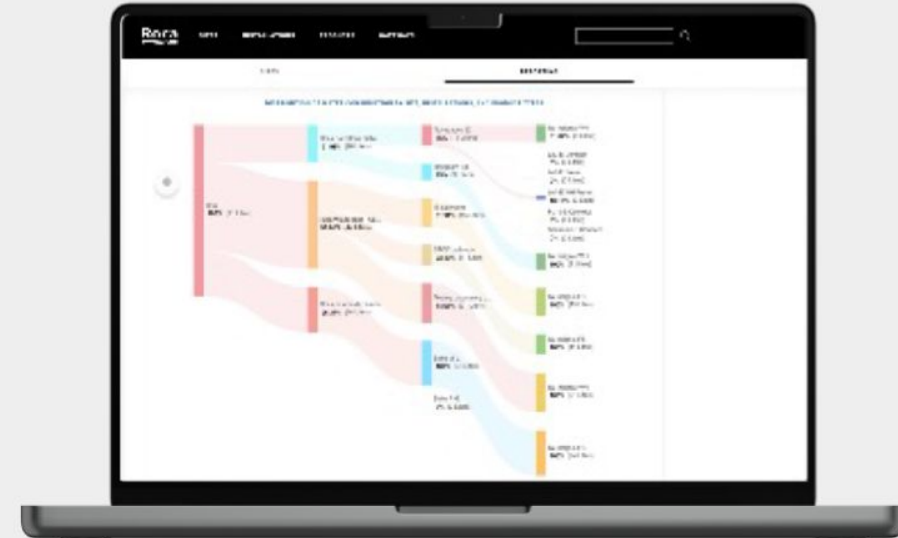
Roca Connect

BMS



Building Management System

Roca Connect integrates information and management into dedicated applications and third-party solutions such as BMS.



Roca Connect Technical Advantages



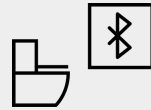
Cloud Synchronisation

All data is safely stored in the cloud, enabling continuous synchronisation for real-time monitoring and decision making, wherever you are.



Safely Encrypted Gateway

Designed to be totally secure, the Gateway is the link between the Bluetooth connection of smart devices and Roca Connect and/or your BMS.



Bluetooth Connection

No need to look for cables and connectors: Bluetooth allows you to set up and monitor your device wirelessly.



Dedicated App and Dashboard

Monitor and configure your installations and devices whenever you want with the Dashboard and Roca Connect apps for Android and iOS.

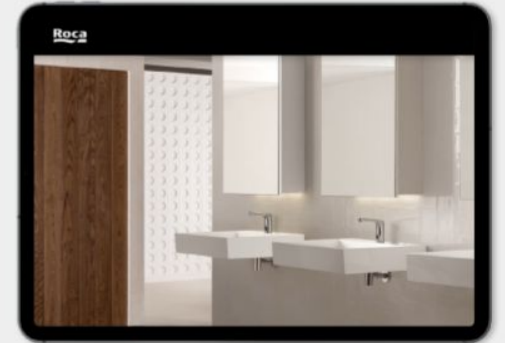
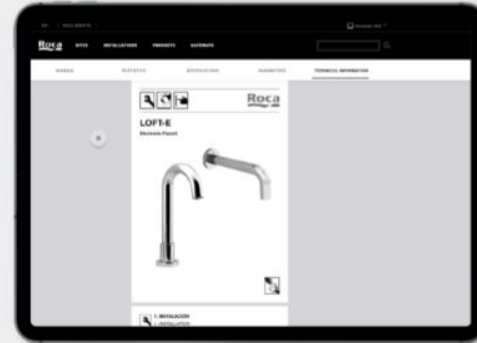
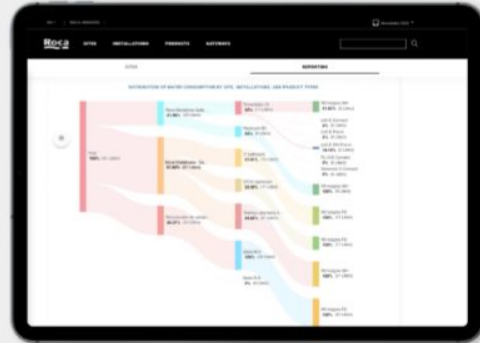
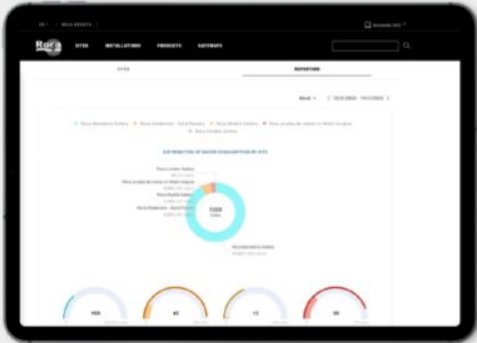
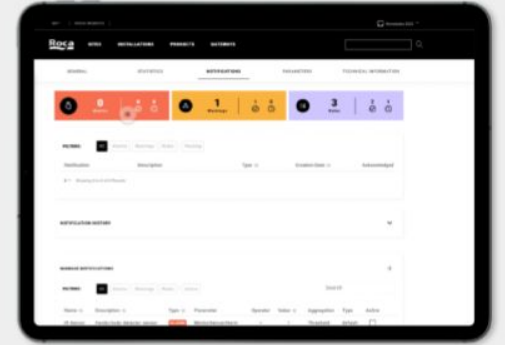
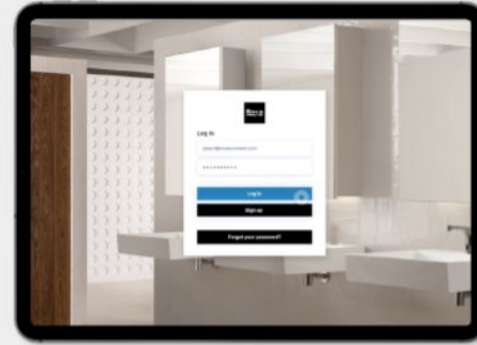
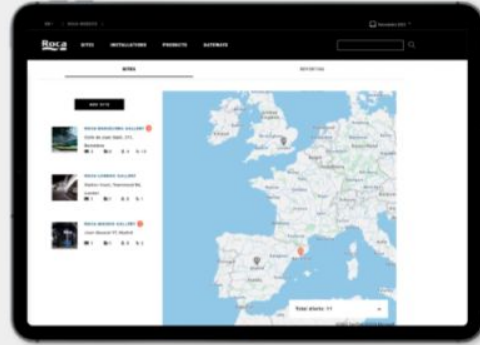
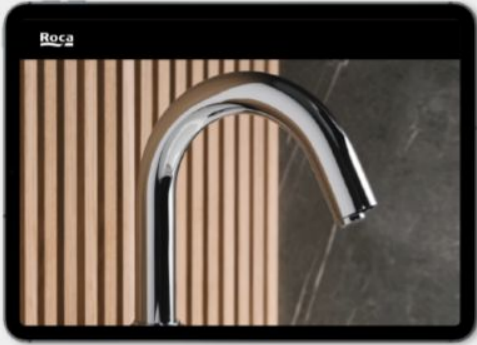
Both allow you to review historical data and integrate new products beyond current installations.



Statistics

Easily update and export statistics directly from the app: your devices' consumption data and hygiene intervals can be downloaded and used as information for your own documentation and processes.

Inside the dashboard and the App



Installation and post-sales

Easy steps to install Roca Connect

Installation process

1. Physically install Roca Connect products

Install Roca Connect products according to the detailed instructions in the relevant installation manuals for each product.

3. Install the gateway

Follow the installation instructions in the relevant installation manual for the Gateway. This will ensure a correct and functional connection.

2. Verify Wi-Fi availability

Before proceeding, ensure that the installation location has Wi-Fi coverage. If Wi-Fi is not available, use the LTE Gateway with 4G capability as an alternative.

4. Troubleshooting and technical support

If you encounter any problems during the installation process, please contact our technical support team. They will provide assistance and guidance to resolve any challenges you may face.





Roca

roca.com/connect