



**GARDA**  
CONTROL, EVERYWHERE.

Monitoring systems have become an essential part of a building's air conditioning system. Today it is important that these systems be not only efficient and functional, but also increasingly intelligent, accessible, and easily controlled by the user. **We have created a monitoring system that is both powerful and scalable, but also extremely intuitive in its daily management.** Introducing Garda, Galletti's revolutionary web-based monitoring system.

# Garda - the state of the art in monitoring



## COMPREHENSIVE MONITORING

Garda is a **complete solution for monitoring all Galletti devices**, from chillers to indoor units. In addition, the **EvoExp** module allows you to monitor external devices such as boilers or valves, providing truly comprehensive monitoring.

## COMPLETE CONTROL OF THE SYSTEM

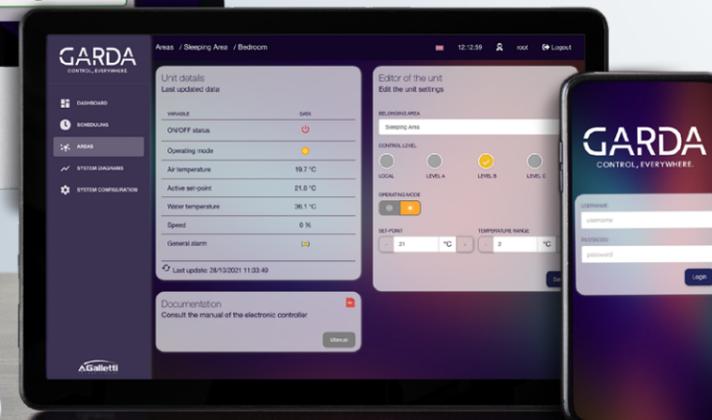
Manage your Galletti system how you like, create zones to which to assign devices, and set time schedules. Monitor external devices such as boilers or zone valves using the system's advanced logics.

## ADVANCED CONNECTION OPTIONS

Is it better to have the robustness of a wired connection or the convenience of a Wi-Fi connection? With Garda you can have both: you choose whether to rely on wired, Wi-Fi, or even hybrid connections, for **unprecedented installation versatility.**

## ALWAYS UP-TO-DATE SYSTEM

Regular free updates via the Internet for continuous improvement of features.



# An innovative system

## MULTI-PLATFORM REMOTE ACCESS

You can access Garda from any device equipped with a browser (smartphone, tablet, or computer) and connected to the same network where the system is installed.



## SCALABLE AND SIMPLIFIED ARCHITECTURE

To carry out its control action, Garda relies partly on the network at the point of installation, whether wired **Ethernet** or **Wi-Fi**, and partly on small **RS485** data networks connected to a variable number of nodes. This network structure is ideal for minimising installation costs while maximising the efficiency of the application.

## GRAPHIC INTERFACE

The attention to detail and spirit of innovation that set Galletti apart have resulted in a new, clean, attractive, simple, and functional graphic user interface that makes Garda a fast and intuitive monitoring system.



## ZONE CONTROL LOGIC

You can assign each indoor unit to logical containers called **zones**, to which you can then give commands or program time slots. **Diversified and totally independent monitoring action is also possible for each zone or even each device in the system.**

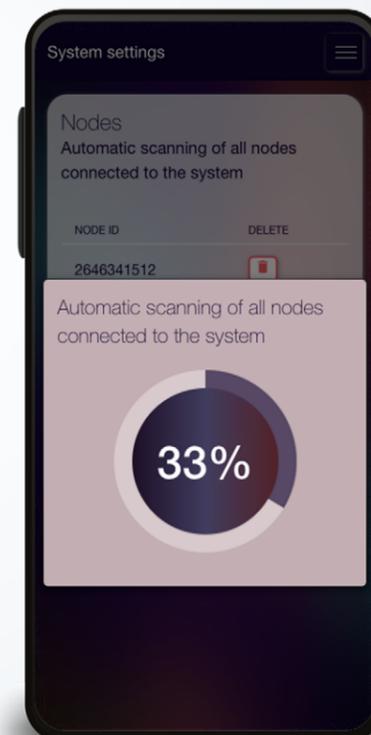


## AUTOMATIC CONFIGURATION PROCEDURE

Garda is equipped with an intuitive automated initial configuration procedure. With the help of an app that shows you the network address assigned to Garda, you will be guided step by step through the initial system configuration.

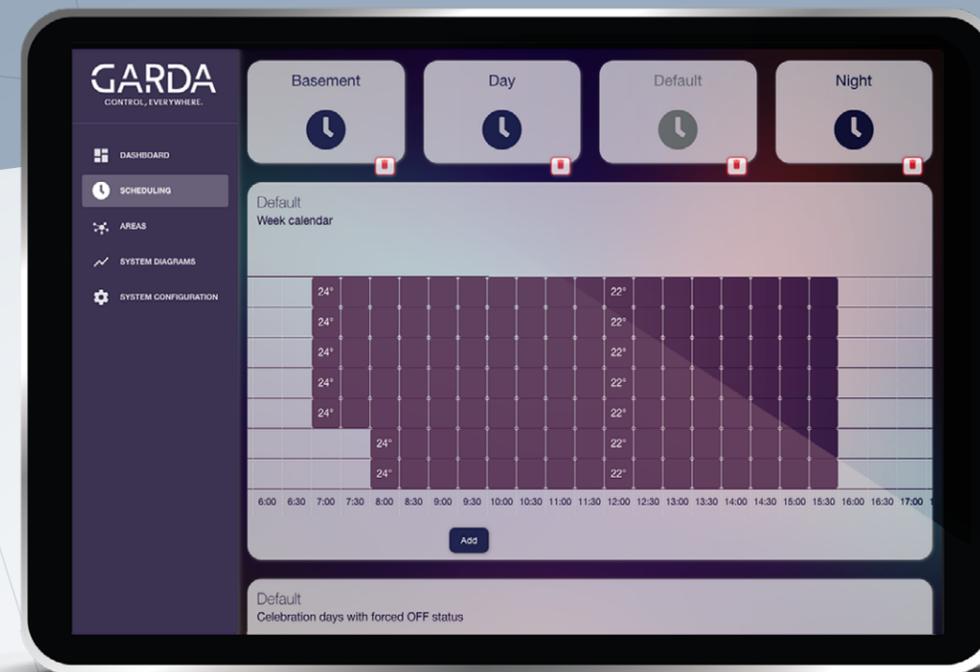
## AUTOMATIC SYSTEM SCAN

Make the first system configuration as easy as possible by automatically detecting nodes and indoor units in the system.



## TIME SLOTS

Garda is able to automate the switching on, switching off, and setpoint of all your devices by means of time slot management. You can then assign one or more zones to each of them for **maximum customisation**.





Summary screens provide a zone-by-zone and comprehensive view of the system. You will always have an overview of what is going on in the system, so you can always keep an eye on all your devices.



### VERTICAL ACCESS TO INFORMATION

View system information at different levels of detail, from the entire system using the summary dashboard, to the individual indoor unit through detailed readings. It also shows the actual communication status between the devices and the monitoring system.



### SYSTEM SETTINGS

Add or modify the indoor units you want to be monitored by Garda, configure the network nodes, and download new software updates. You can do this and much more in the system settings.



### MANAGEMENT OF EXTERNAL DEVICES

You can use EVOEXP to manage devices that do not belong to the Galletti product range, such as boilers, circulation pumps, or zone valves. You can also assign time slots or switching logics to each of the 7 outputs available on EvoExp, such as switching the boiler on if the indoor units require hot water.



### SYSTEM SUMMARY GRAPHS

You can view the system graphs, check the effectiveness of the regulation, or make any changes.

The system will help you understand, for example, how quickly a room heats up / cools down once the indoor units are switched on, and you can then adjust the switch-on time, thus reducing the costs of running the system.

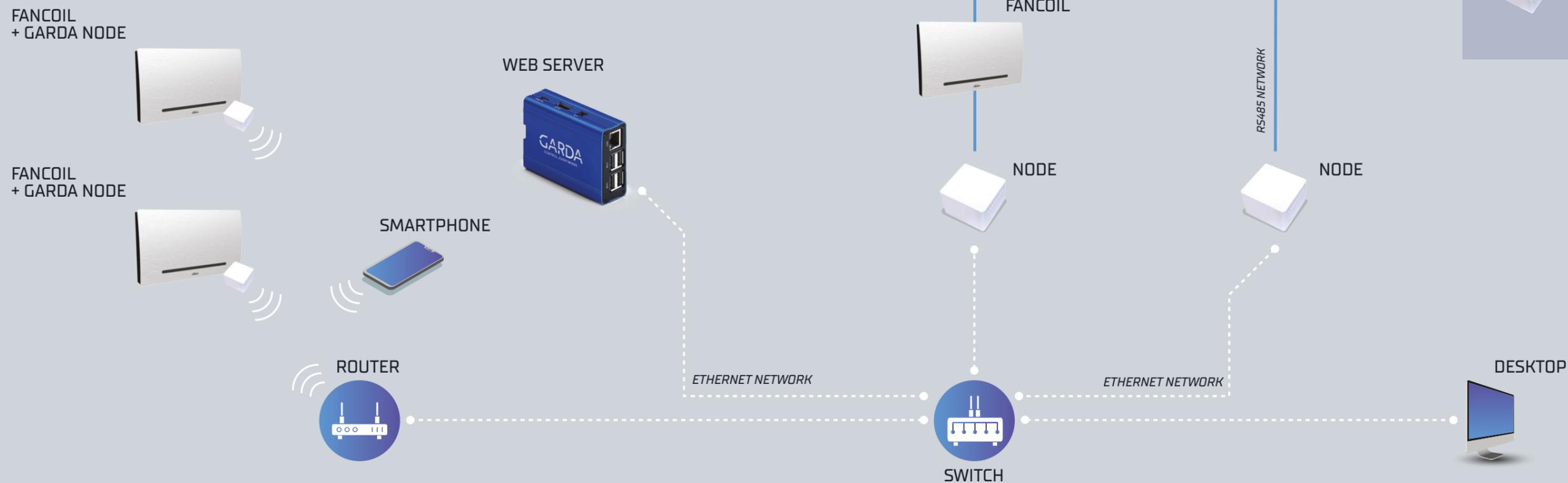


### ACCESS HIERARCHY FOR USERS

You can prevent unwanted changes to important operating parameters by assigning basic or administrator privileges to each user.

# Garda Wi-Fi

**Garda** delivers **extremely high performance** regardless of the size of the system, as it always reads and implements commands quickly. **Its versatility of configuration** also allows you to decide whether to use a wired or wireless connection. In fact, **Garda** can also operate via **Wi-Fi**.



## TYPES OF CONNECTION

With Garda you can implement up to three different network configurations to ensure maximum effectiveness of any corrective action:

### ETHERNET + RS485

Garda's classic configuration: each node is connected by Ethernet cable and monitors multiple devices linked via serial connection.

### WI-FI

Connects one node per indoor unit so that you can manage your entire system without having to lay any cables: all nodes will operate using the existing Wi-Fi network.

### HYBRID NETWORK

A configuration that combines wired connections with Wi-Fi nodes to offer maximum versatility.

Thanks to its **extreme scalability** and **adaptability**, Garda is suitable for installations of all kinds:

- Small/medium residential buildings
- Schools, museums, hotels
- Business centres, offices, hospitals

The introduction of Wi-Fi has not only made the system more versatile and more convenient to install, but has also opened up new installation options. The option of connecting a node directly to an indoor unit opens up two possibilities that were previously impossible:

### INSTALLATION IN PRESTIGIOUS LOCATIONS

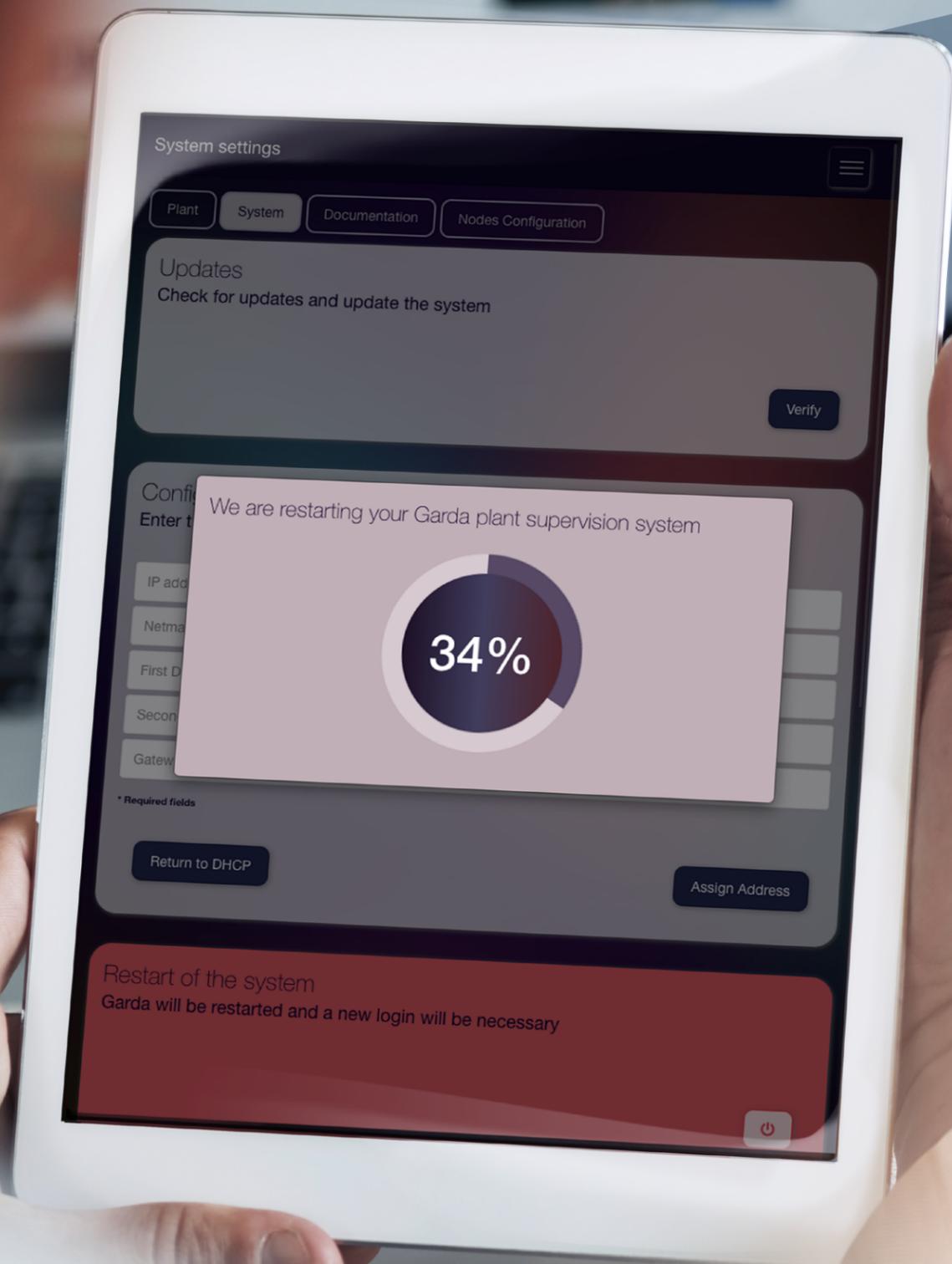
Configuration involving the installation of a node for each device, with a serial connection of a few centimetres between the node and the controlled device; the node in turn will communicate with the web server using the Wi-Fi network of the site of.

### HOME AUTOMATION OF EXISTING SYSTEMS

What if a building already has Galletti indoor units that you would like to have monitored? Now all you have to do is connect the nodes directly to an indoor unit, without having to lay a serial cable.



A system that is always up-to-date and efficient



#### OTA UPDATES

Thanks to the remote update feature, your **system will always be up-to-date** and optimized to ensure maximum performance from the application and have new and exciting features just a click away.



#### FIRE ON CLICK

Garda is **fast and efficient** thanks to the implementation of **Fire on Click**, an innovative technology able to keep the implementation time of commands constant regardless of the load and size of the system. **Performance, reliability, and optimization:** these and many other features are the foundations on which the Garda monitoring system was developed.

The new technologies, the comprehensive management of the system, the speed, and the new Wi-Fi features, make Garda a model of efficiency in the monitoring field, providing the best possible user experience.



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