# B.CONNECT - THE BEGHELLI APP FOR ADMINISTRATION OF TEST DEVICES AND EQUIPMENT, LOCAL OR THROUGH REMOTE ACCESS

B.connect

Download on the App Store

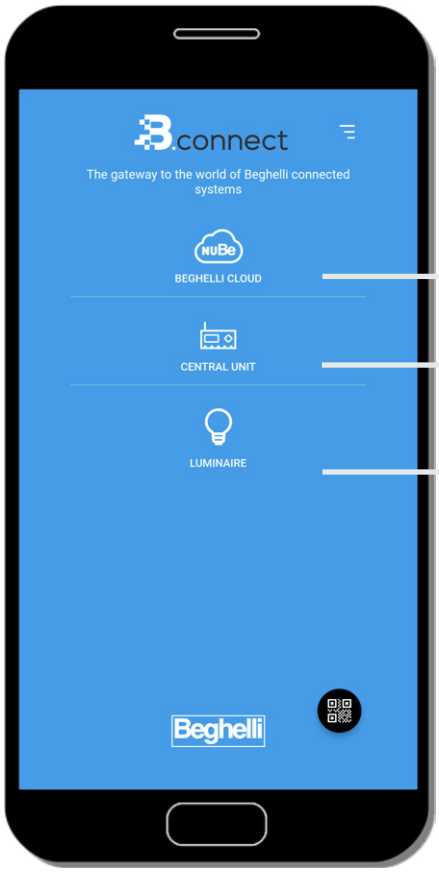
GET IT ON Google Play


B.connect is the app for the local access to the equipment of many Beghelli systems.

It is available to all installers and other users and enables it directly to access luminaires of the safety lighting with self-contained supply over an optical interface (unidirectional) per flashlight of the smartphone camera or over Bluetooth®. For an indirect access, various central test devices can be connected over LAN and WLAN with the smartphone in order to reach the luminaires of the safety lighting with self-contained supply over the respectively used cable or radio bus of the test device. QR codes attached to central test devices are simplifying their adding into the app. A variety of functions are available for monitoring and control. B.connect offers furthermore a direct connection to NuBe, whereby the advantages of the app merge with the advantages of the cloud to build a common unit in perfect cooperation. B.connect supports automatic test devices for self-contained supply. The app is available for free.

## MAXIMUM DATA SECURITY

...the connection to the equipment is secure and password-protected.




**Access to the added central test device through change in the cloud NuBe.**

All programming made with B.connect as well as saved test book entries are transferred in NuBe by a synchronization procedure and are then immediately available.

**Indirect access to the read-in equipment of the added central test device through communication over LAN and WLAN with the test device.**

B.connect is designed for a quick adding of compatible central test devices through the use of QR codes. The serial number (ID) and simultaneously the type of the test device are recognized at it. After the adding of the test device, all essential functions are already available for a further proceeding. A local network is here sufficient for a solely function of B.connect, even without internet. Depending on the type of test device, the network can be configured either in mode STA or AP regarding WLAN.

**Direct access to the read-in equipment of the added central test device as well as to the equipment of systems without central test device through communication over an optical interface or Bluetooth® with the respective equipment.**

B.connect uses the flashlight of the smartphone camera as an optical interface (unidirectional). A patented communication technology, which is based on the emission of light impulses that equipment equipped with an intelligent photo sensor can pick up and understand. In this way, any functions can be transferred with just one „tool“ - the smartphone.

The **smartphone** becomes the **programming device**



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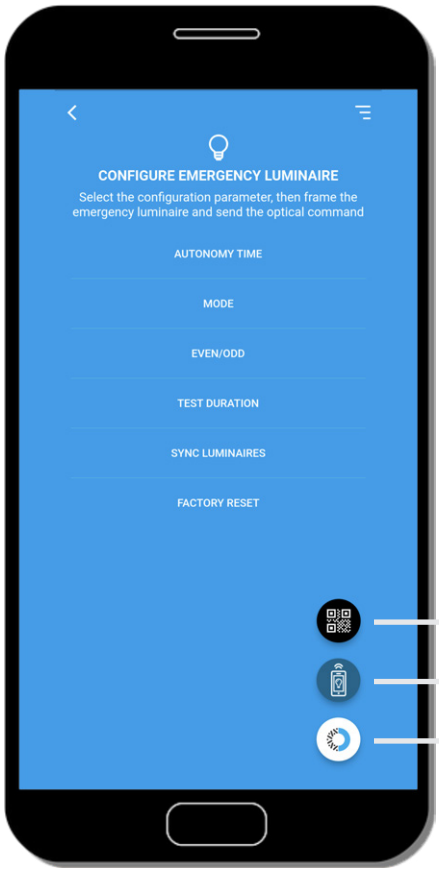
## Information - quick and specific

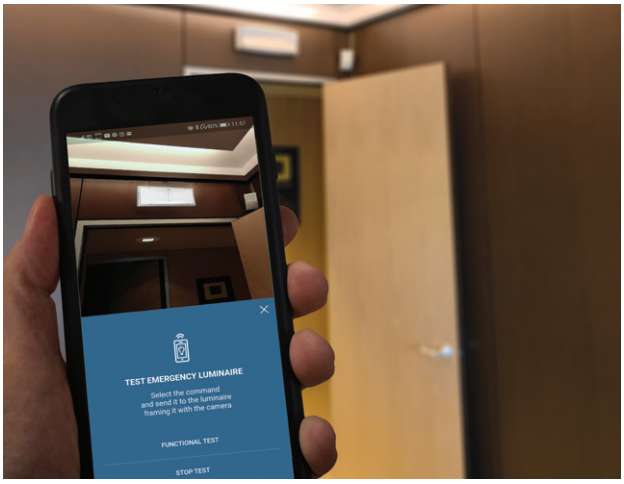
Beside the central test devices, also luminaires and other equipment is labelled with a QR code. This enables the call-up of content of our web catalogue. Product designations, updated instructions in PDF format and respective order codes for the particular equipment as well as for available spare parts are making the work on the system enormously easier - quite without any paper.


**Web catalogue** over **QR codes** of the equipment callable

## Test procedures - selective and uncomplicated

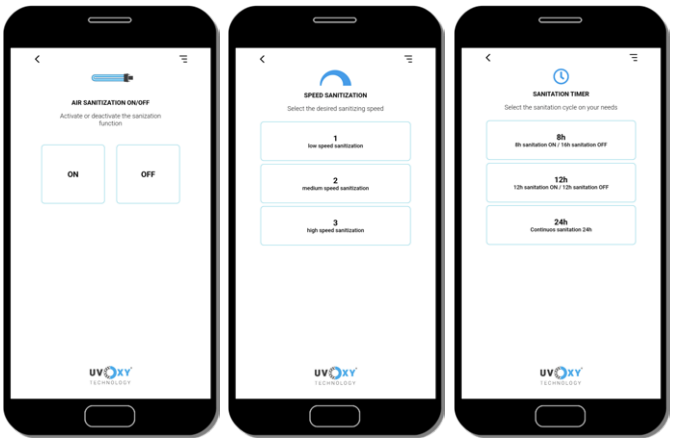
Among other things, it is possible with B.connect to execute function and duration tests. The commands are either transmitted directly from the smartphone to the equipment or indirectly over a test device that may be present.


Flashlight of the smartphone camera for optical communication with equipment, which features an intelligent photo sensor - example: luminaire.

## Room air cleaning - hygiene new imagined

Various luminaires, hybrid devices for room air cleaning from the SanificaAria series, are also equipped with an intelligent photo sensor. Beside the configuration of the illumination, there is the possibility to configure the cleaning parameters as well. The disinfection process can be activated or deactivated. The fan speed for generating the air flow through the uvOxy® disinfection cell is adjustable and disinfection times can be individually adjusted depending on room use and environment conditions.



# BEGHELLI CLOUD

## NUBE - THE BEGHELLI CLOUD THE RIGHT PLACE FOR YOUR SYSTEMS

Go to https://nube.beghelli.it/

NuBe is the cloud for the access and the administration of many Beghelli systems.


It is available to all installers and other users and enables it to keep the safety lighting in overview. A variety of functions are available for monitoring and control. With regard to many issues, this saves you visiting the respective system on site and thus effort, time and money. NuBe offers furthermore a direct connection to B.connect, whereby the advantages of the cloud merge with the advantages of the app to build a common unit in perfect cooperation. NuBe supports central automatic test devices for self-contained supply. The cloud is available for free in the Basic version or for a fee in the Professional version. The latter makes it possible to further expand the already numerous possibilities of NuBe, such as with a function that can order maintenance interventions on the system through the user to avoid malfunctions.

## MAXIMUM DATA SECURITY AND AVAILABILITY

.....we guarantee that! Not only with, but also without connection to the cloud.

All equipment of Beghelli is connecting in secure mode to NuBe using an end-to-end encryption that meets high safety standards. After authenticating yourself with your access data, you can navigate in NuBe in compliance with the latest safety protocols. This is done with real-time evidence of occurred resp. not rectified malfunctions. For ongoing operation without connection to the cloud, the automatic test devices are independently collecting data of the luminaires, supply modules and supply devices. The upload of the local data to NuBe is done as soon as the internet connection is restored.

## NUBE PRO - EXTENDED FUNCTIONS IN OVERVIEW

The version NuBe PRO extends the functions of the Basic version...

The quantity of administrable automatic test devices and thus the quantity of luminaires, supply modules and supply devices is no longer limited here. Through the upgrade to NuBe PRO it is possible to get access to enhanced functions such as the insertion of luminaires on photos or in plans of the rooms. There is furthermore an unlimited memory available regarding the test book and a functionality for predictive maintenance, which is able to anticipate malfunctions and to propose the necessary interventions for prevention of these malfunctions for future maintenance procedures. This elevates system integrity to a whole new level of safety with strong potential for an easement of the customers of our cloud NuBe PRO.

| | Max. quantity of luminaires / supply devices / supply modules per system | Multi system management | Type and max. quantity of test devices per system[1] | Storage capacity of test book | Predictive maintenance | Room photo management | Planimetry management | Spare part management |
|---|---|---|---|---|---|---|---|---|
| **NuBe** (Basic) | 256 | | 8x CableCom Connect (20151) or alternatively 2x Logica S Connect (12100C) or alternatively 1x Logica FM (21102) | 12 months | | | | |
| **NuBe PRO** (Professional) | no limitation | ✓ | No limitation of the quantity of: CableCom Connect (20151) Logica S Connect (12100C) Logica FM (21102) | no limitation | ✓ | ✓ | ✓ | ✓ |

[1] Compatibility of test device with software resp. cloud must be considered - see page for software resp. cloud.



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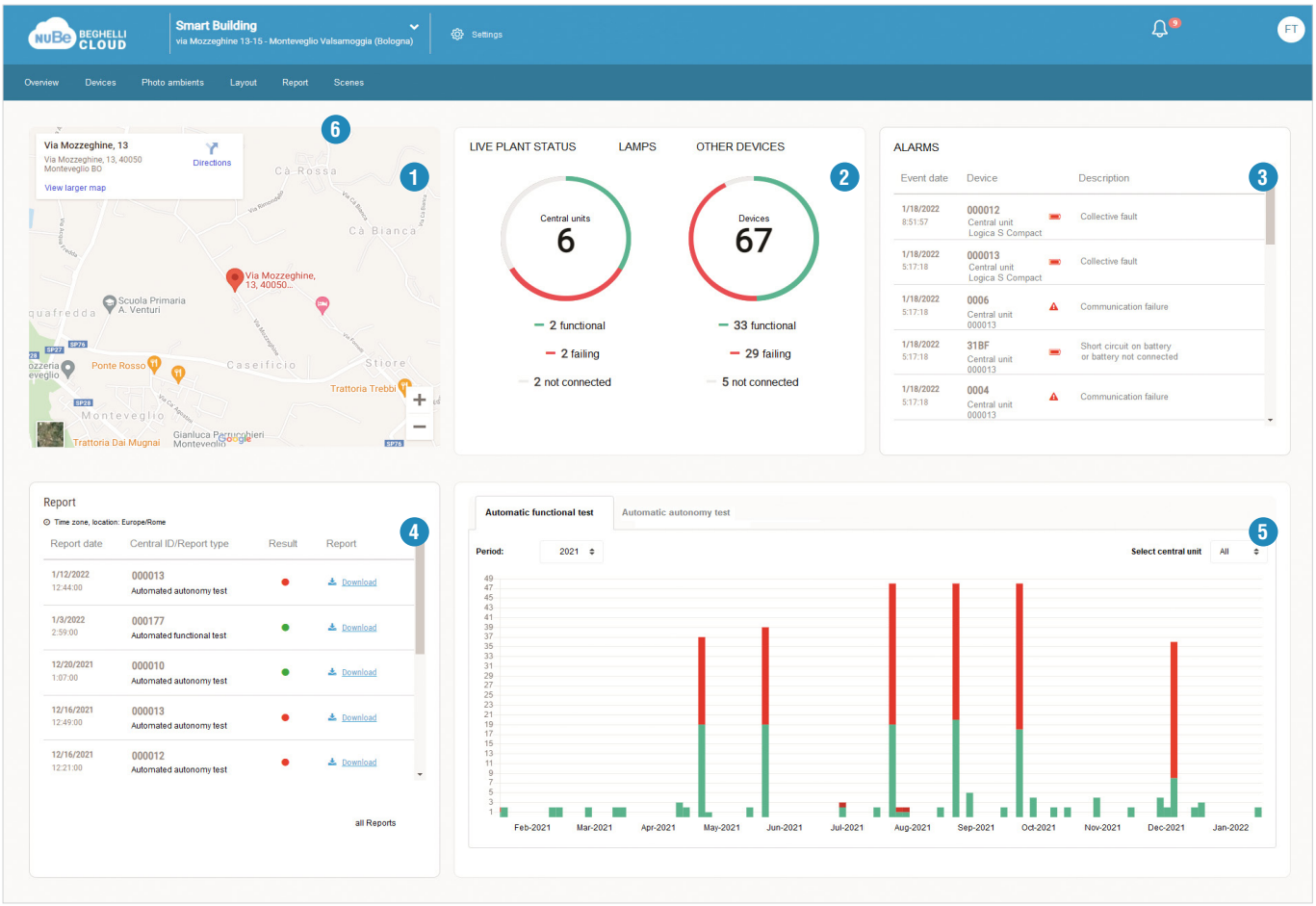
# SMART DASHBOARD FOR MONITORING OF THE SYSTEM STATUS

This is the overview tab of NuBe.

It is possible here to monitor the structure and the status of the system in realtime. This is done using quick query widgets, which show the system location on a map and list the results of the function and duration tests as well as the current failures of all luminaires, supply modules and supply devices. The operation is intuitive thanks to the graphical user interface. Through it, the quantity of present test devices and the quantity of present luminaires, supply modules and supply devices are highlighted. A differentiation takes place into functioning, failing and not reachable equipment with respective quantification. All failures are plainly highlighted for quick problem solving. Adaptable diagrams are showing detailed information about the already executed automatic and manual tests.




**1 System description with location**

Precise positioning of the system through geolocation on dynamic map.

**2 System condition**

Graphical user interface with dynamic acting elements zur highlighting of failures.

**3 Listing of the current failures**

With type of failure and addresses for unique identification of the equipment. The mounting location of the equipment can be determined through respective navigation.

**4 Test book**

Compact listing of all function and duration tests with possibility for download. Binary evaluation of the tests with focus on collective fault.

**5 Results of automatic tests**

A block diagram compares all selected tests according to the setting (for example: monthly / yearly).

**6 Navigation bar**

Change between overview, automatic test systems, rooms, buildings, test results and scenarios.

The cloud solution enables the **access and the administration of all systems under supervision - worldwide**

**Cooperation mode**: NuBe offers a connection to B.connect for the perfect cooperation of both solutions





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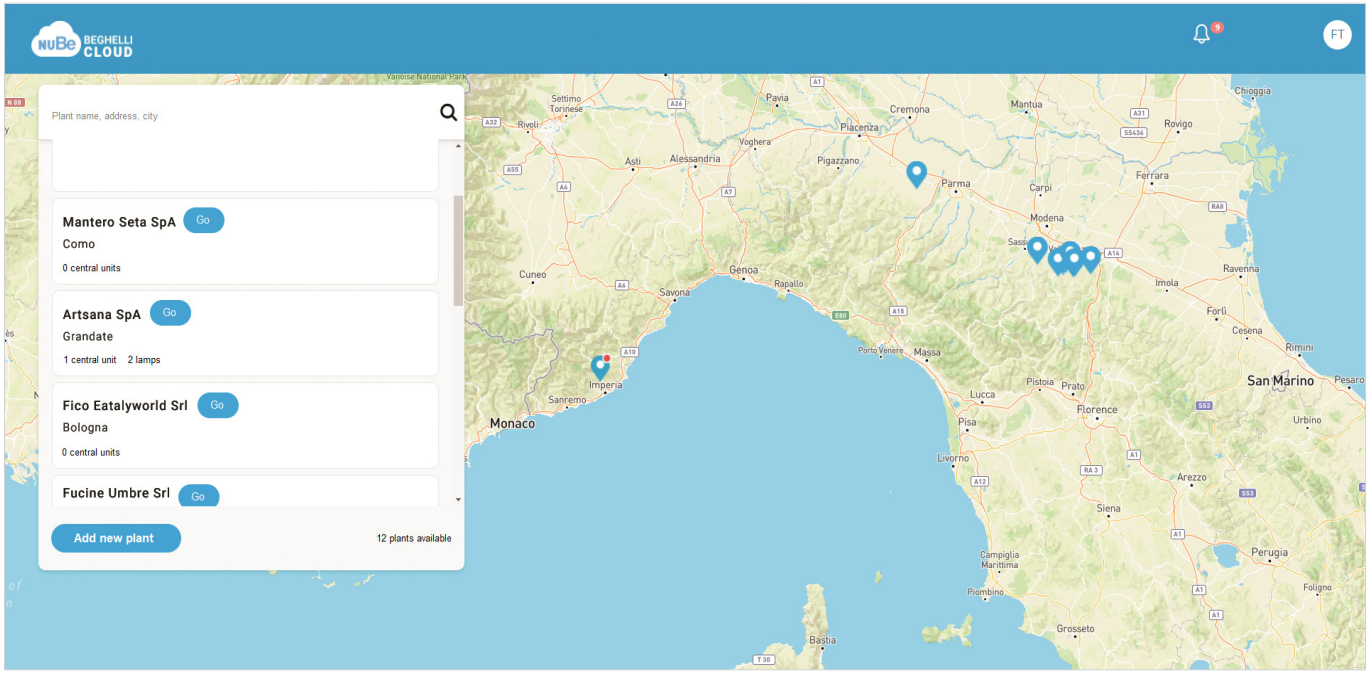
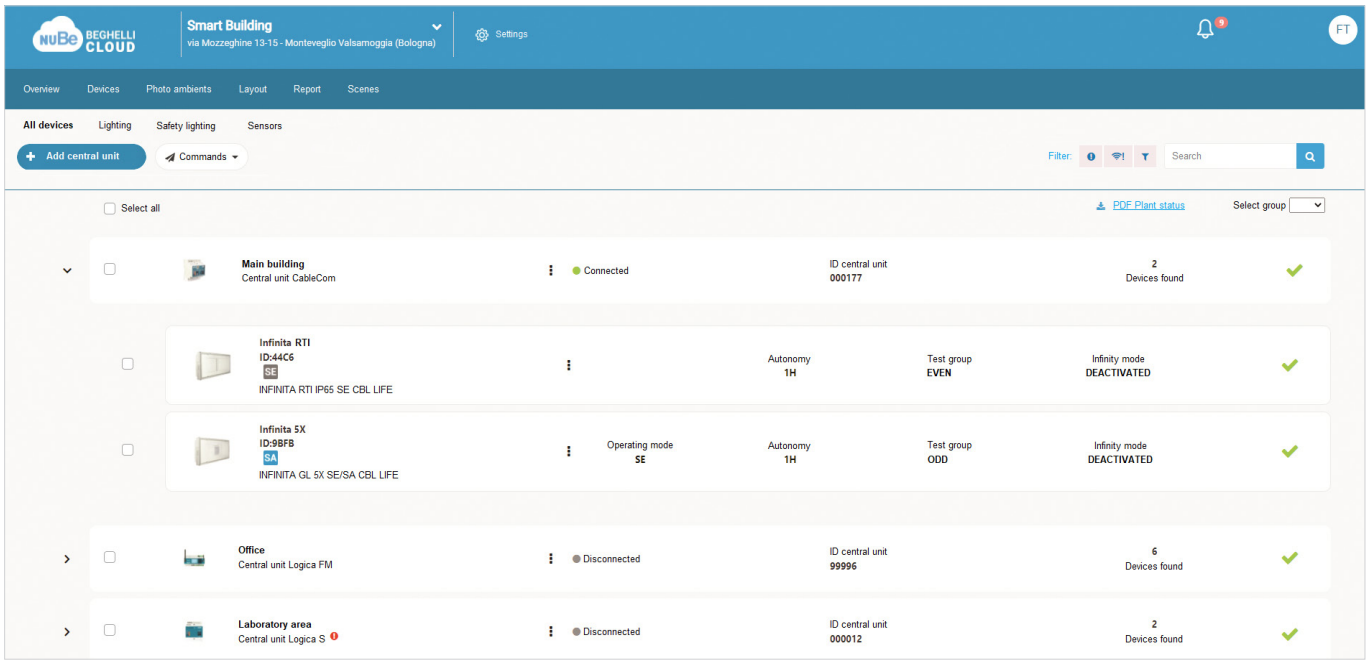
# EXTENDED FUNCTIONS OF NUBE PRO




## GLOBAL OVERVIEW OF ALL SYSTEMS

For the monitoring of several systems, a global indication with the positioning of the systems at the respective location can be generated. Systems with failures are particularly highlighted on the indicated map. In the overview tab, all systems can be found bundled in real time, divided into failurefree and not failurefree.




## A CLOUD FOR COMBINATION OF DIFFERENT TEST DEVICES IN ONE SYSTEM

It is possible to combine several different test devices in systems, which enables maximum freedom and expandability without restrictions regarding the implemented field technology of the test devices. The available commands and parameters can be sent per remote access either to all compatible equipment or only to selected equipment. Precisely through selective test commands on single equipment maintenance procedures are greatly simplified. The associated test devices and their luminaires, supply devices and supply modules are indicated in a classic tree view. Each data set shows the essential information about the respective equipment. It is furthermore possible to extend the selected data set to get the complete technical information in a structured view. Additional documentation (for example: the installation instruction of a luminaire) in PDF format can be downloaded here and order codes of suitable spare parts are indicated. Every equipment can be individually designated with a description stored directly in the cloud.



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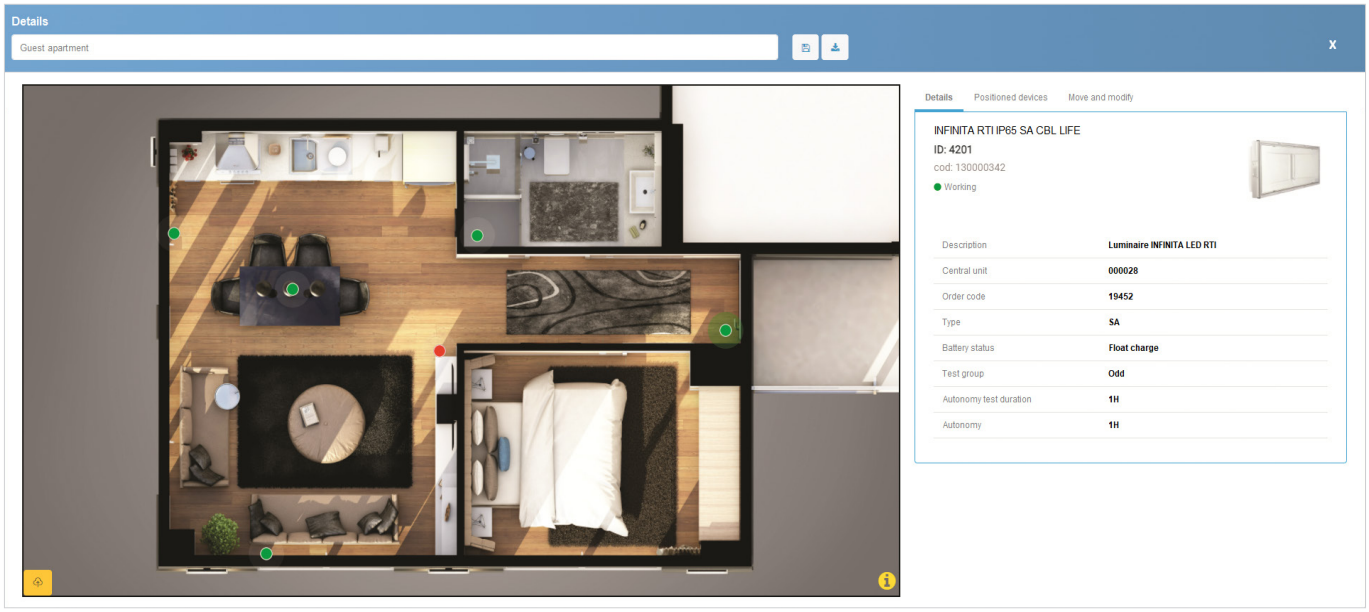
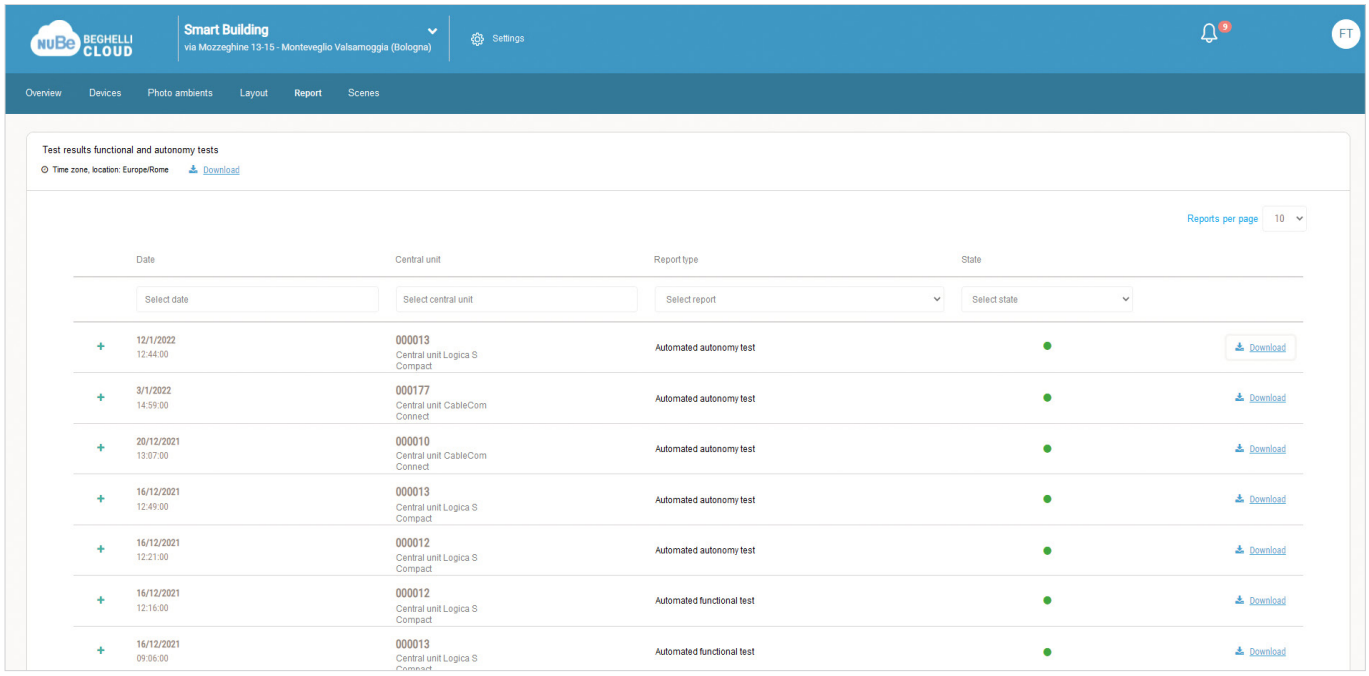



## POSITIONING OF EQUIPMENT ON BUILDING PLANS OR ON PHOTOS OF ROOMS

Quick positioning of luminaires, supply devices and supply modules on building plans or on photos of rooms. The files required for this can be deposited in JPEG format directly in NuBe through a simple operation per drag&drop. Between failurefree and not failurefree equipment is distinguished by colour (green and red). Through selection of a positioned equipment, all technical information as well as deposited statements of location and any failures are indicated. This leads to a quick identification and greatly simplifies the failure rectification. Each system can be administrated with different building plans and photos to get a divided view of the system and thereby avoiding one single complex plan. The operation on building plans or on photos is always relieved through features like zoom-in, zoom-out, drag&drop as well as filter functions.




## TEST REPORTS AND DOCUMENTATION

Every automatic function and duration test generates a stored test result, which is directly visible in the cloud or can be downloaded in PDF format. NuBe ensures the automatic archiving of the generated test results, enables an Anpassung by insertion of maintenance hints and proposes possible solutions for found failures. Every stored test result is processed. If failures are present, they can be reported immediately per e-mail to the responsible installer or system manager. It is possible to download the status of the system in PDF format at any time. The document is personalized with logos and additional information to be in accordance with DIN EN 50172 (test book).