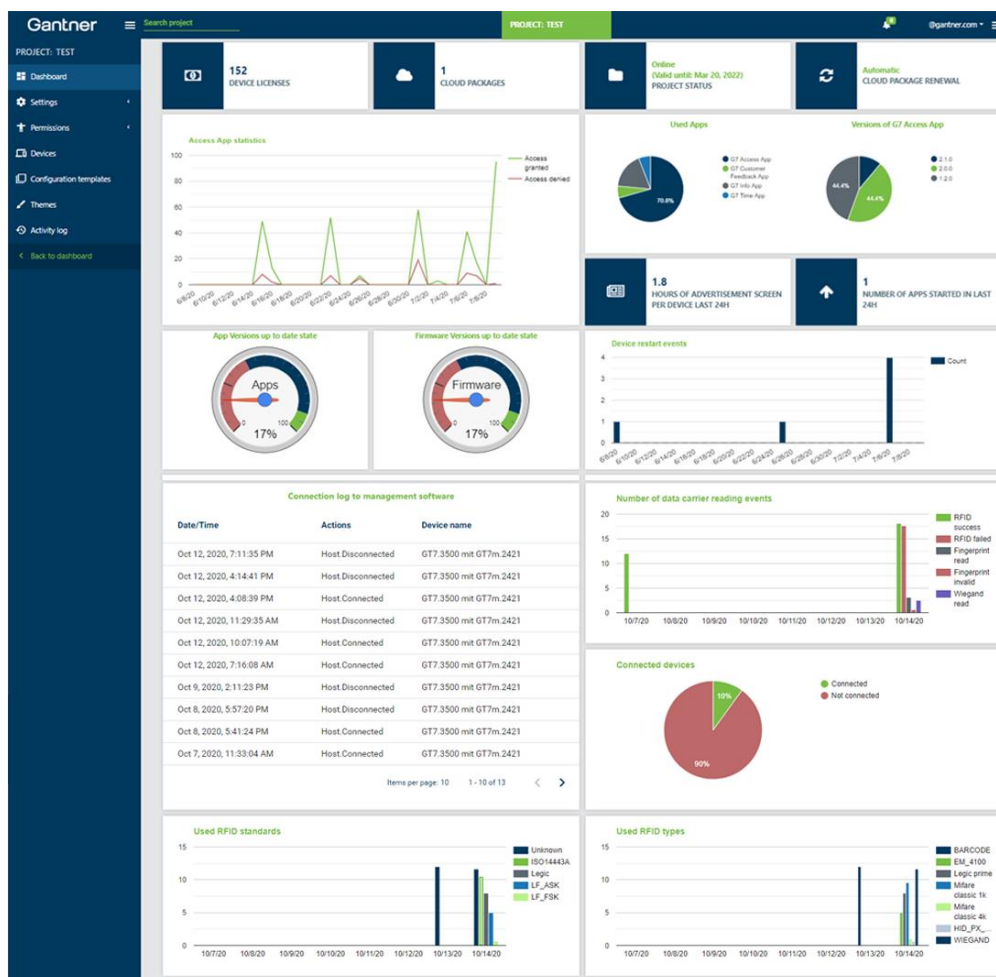


G7 Connect

User Interface for the Management of GT7 and GC7 Devices from GANTNER



© Copyright 2022 by GANTNER Electronic GmbH

Operating instructions, manuals and software are protected by copyright. All rights are reserved. Copying, duplication, translation, installation in any electronic medium or machine-readable form in whole or in part is prohibited. The sole exception is represented by creation of a back-up copy of software for own use as a safeguard, so far as this is technically possible and recommended by us. Any infringement will render the party committing such infringement liable to compensation payment.

Liability

Any claims against the manufacturer based on the hardware or software products described in this manual shall depend exclusively on the conditions of the guarantee. Any further-reaching claims are excluded, and in particular, the manufacturer accepts no liability for the completeness or accuracy of the contents of this manual. The right is reserved to make alterations, and alterations may be made at any time without prior notice being given.

Trademarks

Attention is drawn at this point to markings and registered trademarks used in this manual. All product and company names, which are mentioned in this manual, are only used for identification and explanation purposes. Some of these names may be trademarks or registered trademarks of the corresponding company.

Contact

The contact information for questions regarding G7 Connect or for general inquiries is listed below:

Contact address of manufacturer

GANTNER Electronic GmbH
Bundesstraße 12
6714 Nüziders, Austria
www.gantner.com/locations



General Warning and Safety Instructions

Dear Customer,

We congratulate you on selecting a product (appliance or software) from GANTNER Electronic GmbH. Our aim is to ensure our product operates with safety and to your complete satisfaction. To achieve this aim, please take this opportunity to familiarize yourself with the following guidelines:

1. The installation, commissioning, operation, and maintenance of the product must be carried out in accordance with the technical conditions of operation as described in the corresponding product documentation.
2. Before installing, commissioning, operating, or maintaining the product, it is essential to read the corresponding chapter of this manual and observe the instructions and information therein.
3. If there are some points which are not entirely clear, please do not take a chance. All queries can be clarified by your GANTNER representative or by ringing the GANTNER support hotline.
4. Where not otherwise specifically documented, the appropriate installation, commissioning, operation, and maintenance of the product is the customer's responsibility.
5. Directly on receipt of the goods, inspect both the packaging and the product itself for any signs of damage. Also check that the delivery is complete and includes all accessories, documentation, auxiliary devices, etc.
6. If the packaging or product has been damaged in transport, or should you suspect that it may have a fault, the product must not be put into service. Contact your GANTNER representative who will resolve the problem as quickly as possible.
7. The installation, commissioning, and servicing of our products must be performed by suitably trained personnel. In particular, electrical connections must only be made by correspondingly qualified specialists. Always observe the relevant installation regulations in accordance with the national Electrical Engineers Association (e.g., ÖVE [Austrian], VDE [Germany]).
8. Where not otherwise stated, installation and maintenance work on our products must be carried out when disconnected from the power supply. This applies in particular to appliances that are normally supplied by low-voltage current.
9. It is prohibited to alter the products or remove protective shields and covers.
10. Do not attempt to repair a product after a defect, failure, or damage is detected. In addition, do not put the product back into operation. In such cases, it is essential to contact your GANTNER representative or the GANTNER support hotline.
11. GANTNER Electronic GmbH accepts no responsibility for any injuries or damage caused as a result of improper use.
12. Although care is taken, and we are continuously aiming for improvement, we cannot completely exclude the possibility of errors appearing in our documentation. GANTNER Electronic GmbH therefore accepts no responsibility for the completeness or the accuracy of this manual. The right is reserved to make alterations at any time without prior notice.
13. Should you discover any fault with the product or in its accompanying documentation, or you have any suggestions for improvement, you may confidently inform your GANTNER representative or GANTNER Electronic GmbH directly.
14. We especially look forward to hearing from you if you just want to tell us that everything is functioning perfectly.

We wish you a successful experience with our product and look forward to welcoming you again as a customer soon.

TABLE OF CONTENTS

1	INTRODUCTION	7
1.1	About this Manual	7
1.2	Formatting	7
1.2.1	Safety-Critical Information	7
1.2.2	Non-Safety-Critical Information	7
1.2.3	Instructions and Results	8
1.3	Contact & Inquiries	8
2	GENERAL INFORMATION	9
2.1	Functional Description	9
2.2	System Requirements	10
2.2.1	Supported Operating Systems	10
2.2.2	Supported Web Browsers	10
3	SETUP FOR OPERATION	11
3.1	Organization Admin	11
3.2	Registered User	11
3.3	User Account Activation	11
4	OPERATION	13
4.1	Logging in to G7 Connect	13
4.2	Main Area of G7 Connect	15
4.2.1	User Account	16
4.2.2	Devices	18
4.2.3	User Management	19
4.2.4	Apps – Overview	21
4.2.5	Apps - Submission	21
4.2.6	Licenses – Device Licenses	22
4.2.7	Licenses – Cloud Packages	24
4.3	Projects Area	26
4.3.1	Project Dashboard	27
4.3.2	Settings – General Settings	31
4.3.3	Settings – Project Status	32
4.3.4	Settings – Update Rules	34
4.3.5	Permissions - Overview	35
4.3.6	Permissions - Management	36
4.3.7	Devices	39
4.3.8	Device Configuration – Main Options	41
4.3.9	Device Configuration – Sub Options	49
4.3.10	Monitoring - Settings	55
4.3.11	Monitoring - Logs	57
4.3.12	Configuration Templates	59
4.3.13	Themes	60
4.3.14	Activity Log	64

1 INTRODUCTION

1.1 About this Manual

Chapter “1. INTRODUCTION” provides an overview of the information and instructions contained in this manual. In addition, the formatting used throughout is explained and information regarding further inquiries is available.

Chapter “2 GENERAL INFORMATION” includes the functional description of G7 Connect and how the software application operates with GT7 and GC7 devices. The system requirements for operation are also provided in this chapter.

Chapter “3. SETUP FOR OPERATION” includes instructions on how to setup G7 Connect for operation, for example, how to register and activate an account and how to assign a user to your organization.

Chapter “4. OPERATION” describes the application and user interface of G7 Connect and how you can use the display and operating functions within a web browser.

1.2 Formatting

1.2.1 Safety-Critical Information

The following formatting (with example text) is used in this manual to display important, safety-critical information that must be read and followed.

NOTE! Following on from this signal word in the manual is a reference text that must be read and followed. The reference text contains important information. Non-observance can lead to damage the device or associated equipment.

1.2.2 Non-Safety-Critical Information

The following formatting (with example text) is used in this manual to display important, but not safety-critical information.



The text accompanying this symbol contains interesting information relevant to the current chapter. You do not necessarily need to read this text, however; it will help you to understand the information in the section or provide interesting tips for the described device or the operation of the software.

1.2.3 Instructions and Results

Instructions, which must be completed by the reader, and the results of these instructions are formatted as follows.

- ▶ This symbol represents an action or instruction that that must be followed.
 - This symbol represents the result after completing the previous instruction.

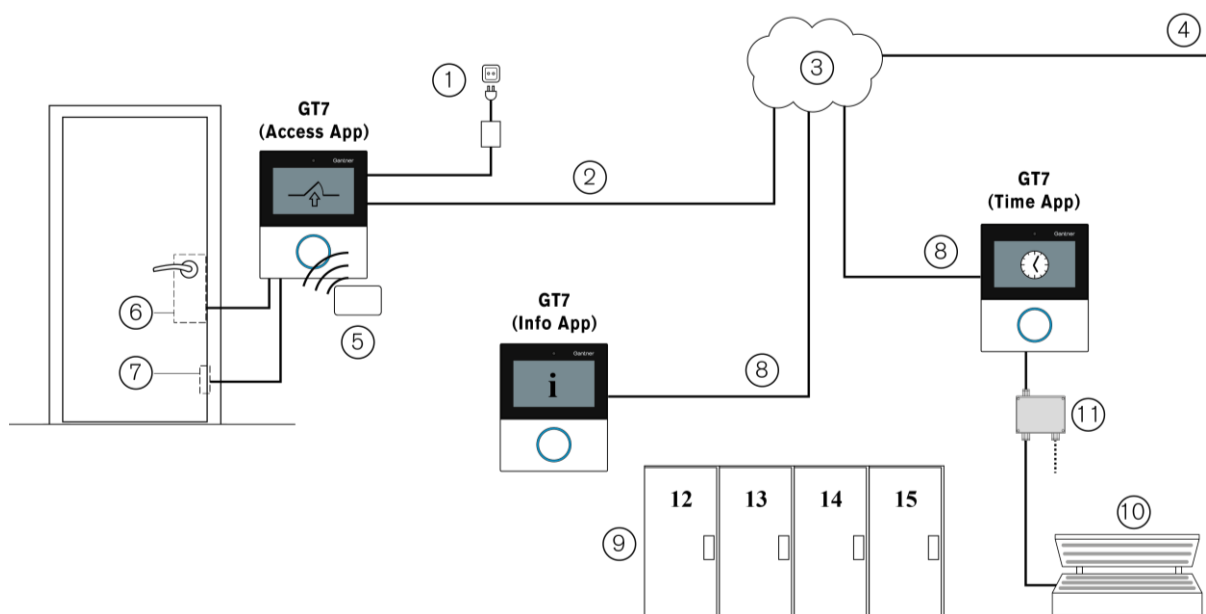
1.3 Contact & Inquiries

If you have any questions concerning G7 Connect, please contact your local sales partner or one of the GANTNER branch offices directly. The contact details are available via the following link: www.gantner.com/locations

2 GENERAL INFORMATION

2.1 Functional Description

The multipurpose configurable GT7 and GC7 devices allow different functions to be implemented through the installation of various apps on the device. The functions available amongst others include the control of turnstiles and doors (Access App), the display of locker information or visitor information (Info App), or the timed control of devices such as solariums or whirlpools (Time App).



- 1 Power supply
- 2 Network connection
- 3 Network
- 4 Connection to G7 Connect and/or a local network
- 5 User identification via RFID data carrier
- 6 Electronic lock
- 7 Door contact
- 8 Network and supply (PoE)
- 9 Electronic locker locks (info display of locker number)
- 10 Sunbed (time control)
- 11 Relay box

Figure 2.1 – Example of a GT7 System with G7 Connect

The “G7 Connect” application provides a clear, user-friendly interface for managing projects that include GT7 and GC7 devices. Users can access G7 Connect via an Internet browser such as Chrome or Firefox. The user is required to log in to begin using G7 Connect and after logging in with a username and password, the various users and projects defined in G7 Connect can be viewed and configured. A detailed view is provided on the “Dashboard” page of each project that shows information on the device licenses, cloud packages, used apps, app versions, and also statistics from the current app.

2.2 System Requirements

2.2.1 Supported Operating Systems

G7 Connect can be accessed via a web browser on any operating system (see chapter “2.2.2. Supported Web Browser”).

i Please note that the GANTNER Support Team can only assist when G7 Connect is being used on a German or English version of Windows. In addition, support can only be given when the customer provides all access authorizations required by the Support Team.

NOTE! The customer is responsible for providing any additional licenses required, e.g., for the operating system.

2.2.2 Supported Web Browsers

The following web browsers are supported:

- Microsoft Edge
- Google Chrome
- Mozilla Firefox

NOTE! Always use the latest version of the web browser to ensure optimum performance.

3 SETUP FOR OPERATION

To integrate your organization into GANTNER's G7 Connect, please contact your respective salesperson, or contact your local GANTNER office directly to register. The contact details are available via the following link: www.gantner.com/locations.

3.1 Organization Admin

During registration at GANTNER, an "Organization Admin" is created automatically from your registration data. The initial Organization Admin is always the first person registered at GANTNER and this person is usually responsible for the partner's organization, e.g., the CEO or Managing Director, etc.

The Organization Admin is responsible for managing all other users in the organization who require access to G7 Connect. It is also possible to assign other users to the Organization Admin user type, which grants them the same permissions as the initial Organization Admin.

An Organization Admin can add new projects to their organization and automatically becomes the "Project Admin" for each project they create.

3.2 Registered User

A "Registered User" can only be invited to use G7 Connect by an Organization Admin or a Project Admin. The permissions and projects for each user are managed by these two roles.

3.3 User Account Activation

After you have contacted GANTNER and registered your organization, an invitation email is sent to the provided email address in order to complete the registration process.

- In the invitation email, click on "Accept Invitation".

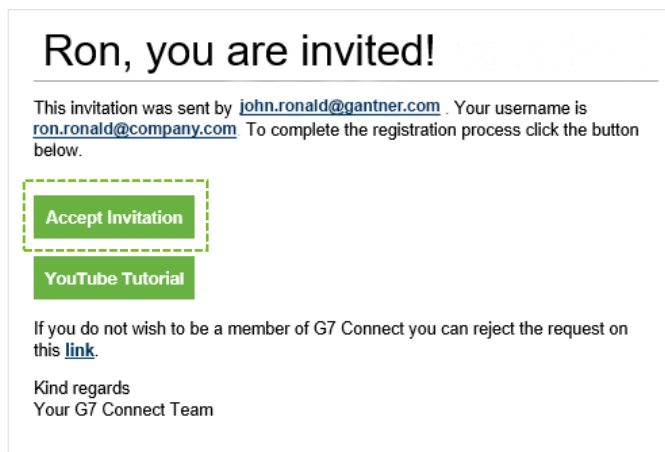
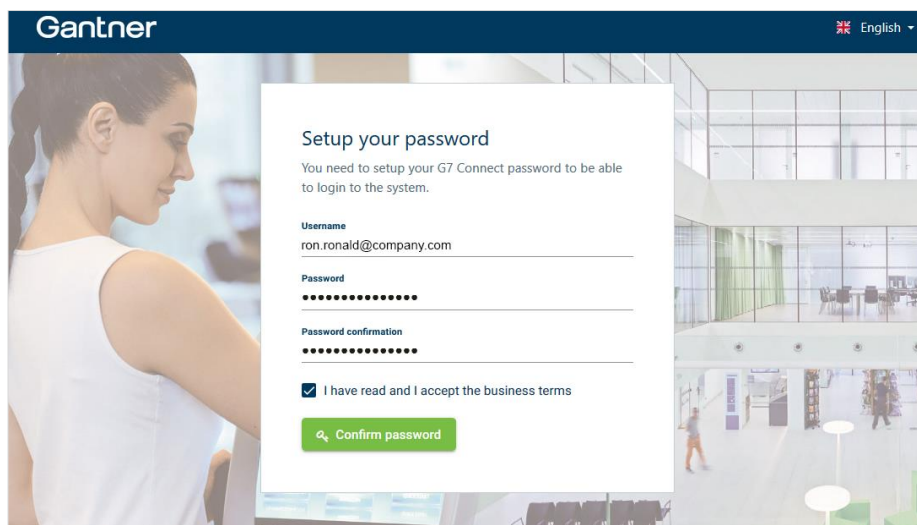


Figure 3.1 – Invitation email for new users

- The G7 Connect password setup window opens.



Gantner English

Setup your password

You need to setup your G7 Connect password to be able to login to the system.

Username
ron.ronald@company.com

Password
●●●●●●●●

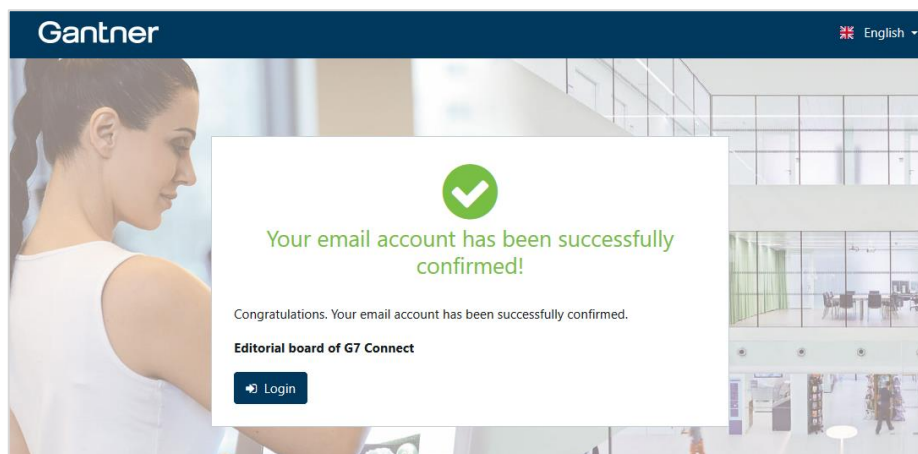
Password confirmation
●●●●●●●●

☒ I have read and I accept the business terms

Confirm password

Figure 3.2 – Password setup for G7 Connect

- ▶ Enter a password into the “Password” field and again in the “Password confirmation” field.
NOTE! The web browsers Firefox, Chrome, and Edge are supported. Please check your browser should you have any issues when creating a password.
- ▶ After reading and agreeing to the business terms, mark the “I have read and I accept the business terms” box and click on “Confirm password”.
 - The following window is displayed, and the status of the user is shown as “Active” in G7 Connect.
- ▶ You can now log in to G7 Connect by clicking on “Login” (see chapter “4.1 Logging in to G7 Connect”).



Gantner English

✓

Your email account has been successfully confirmed!

Congratulations. Your email account has been successfully confirmed.

Editorial board of G7 Connect

Login

Figure 3.3 – User account successfully added to G7 Connect

4 OPERATION

4.1 Logging in to G7 Connect

After confirming your email account and defining your login details (see chapter “3 SETUP FOR OPERATION”), the user interface of G7 Connect is directly available for use via a web browser from any computer.

Complete the following steps to begin using G7 Connect.

- ▶ Open a web browser on a computer or mobile device and enter the following URL into the address bar:
<https://gantner.cloud/>
- ▶ Confirm with “Enter”.
 - The G7 Connect login screen is displayed.

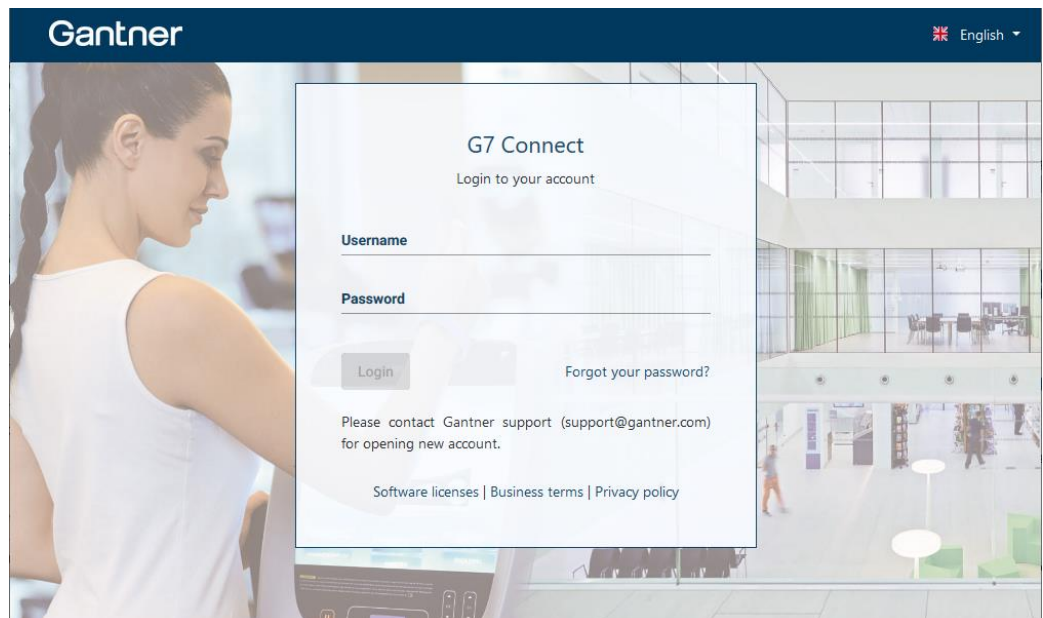


Figure 4.1 – G7 Connect login screen

- ▶ Enter your username into the “Username” field.
- ▶ Enter your password into the “Password” field.
NOTE! The password input is case sensitive.
- ▶ Click on “Login”.
 - If two-factor authentication (2FA) is configured and enabled for login, the following window is displayed.

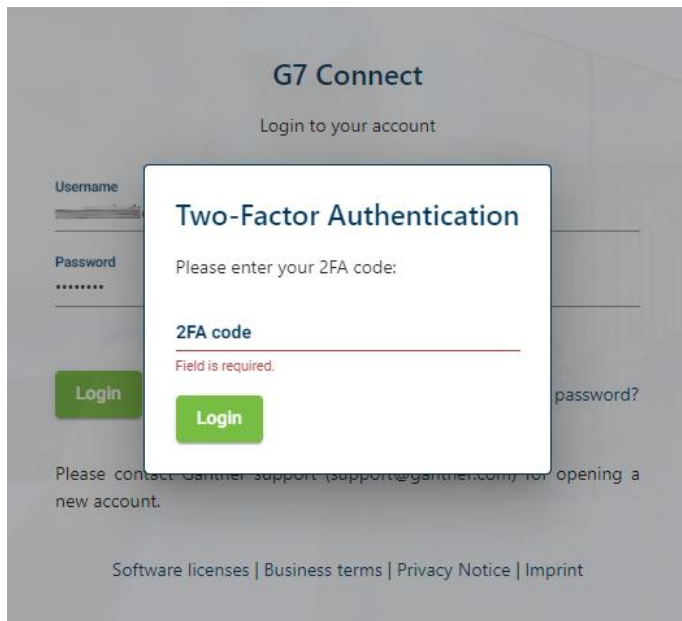


Figure 4.2 – Login window with 2FA code

- ▶ The 2FA code is generated by the 2FA app installed on your PC or mobile device. Enter the 2FA code into the field.



Information on configuring two-factor authentication is available in chapter “4.2.1 User Account”.

- ▶ Click on “Login”.
 - You are now logged in to G7 Connect and the main application window is displayed.

4.2 Main Area of G7 Connect

After logging in to G7 Connect, the main application “Dashboard” is displayed.



The main dashboard can be accessed from any screen by clicking on the GANTNER logo.

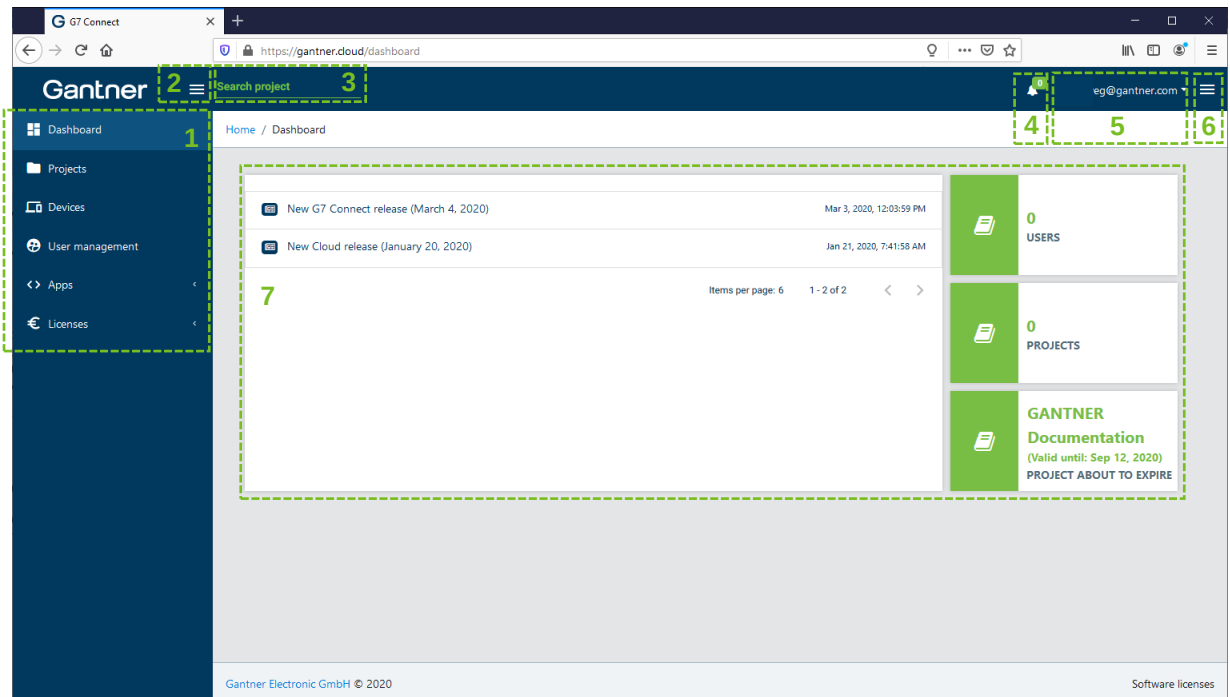


Figure 4.3 – Dashboard of G7 Connect

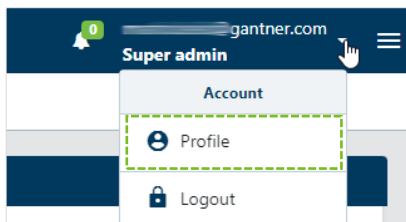
The following areas and functions are available in the main window:

- 1 Navigation: Select the desired view here.
 - Dashboard: General information on the number of users and projects in G7 Connect as well as notifications are shown on this page.
 - Projects: Shown on this page are all the projects that the logged-in user has access to. Existing projects can be configured, and new projects can be added here. After clicking on a project, the options in the navigation sidebar change. See chapter “4.3 Projects” for a description of these options.
 - Devices: The “Devices” page allows you to search for a specific device from all the projects you have access to in G7 Connect. See chapter “4.2.2 Devices”.
 - User management: On this page you can manage the users in your organization who have access to G7 Connect. Existing users can be edited, and new users can be added. See chapter “4.2.3 User Management”.
 - Apps: An overview of all the apps used for the devices in your projects is available here under “Overview”. In the “Submission” area, a history of all the app files that have been uploaded to G7 Connect is provided. See chapter “4.2.4 Apps”.
 - Licenses: The “Device licenses” area displays information on how many device licenses, which are needed to load new apps into the devices, are assigned to each project. In the “Cloud packages” area, the transaction history and assignment of the cloud packages, which are required to access G7 Connect, are displayed. See chapter “4.2.6 Licenses”.

- 2 Navigation button: Blends the navigation bar in or out to show or hide the navigation options.
- 3 Search project: You can quickly find a specific project by entering the name of the project here.
- 4 Notifications: The notification bell displays whether there are any unread notifications for G7 Connect. The notifications are shown in the main window of the dashboard (see point “7 Main window” below).
- 5 User settings: Here, the currently logged-in user is displayed. All information relating to the user’s G7 Connect account can be viewed and edited via the “Profile” menu option. You can also log out of G7 Connect here.
- 6 Software settings: The display language of the user interface is set here under “System language”. Under “Business terms”, you can view the terms and conditions of G7 Connect by clicking on “Show”.
- 7 Main window: The main window lists all the notifications relating to G7 Connect, e.g., new software releases or scheduled maintenance. Click on a notification in the list to open the details of the notification. To the right of the notifications, the total number of registered users, total projects created, and the next project due to expire are displayed.

4.2.1 User Account

After logging in to G7 Connect, you can view and edit your account information by clicking on your username at the top of application window and selecting “Profile” from the menu.



The account information page is separated into different tabs in which the personal information (name, phone number) and the account password can be edited.

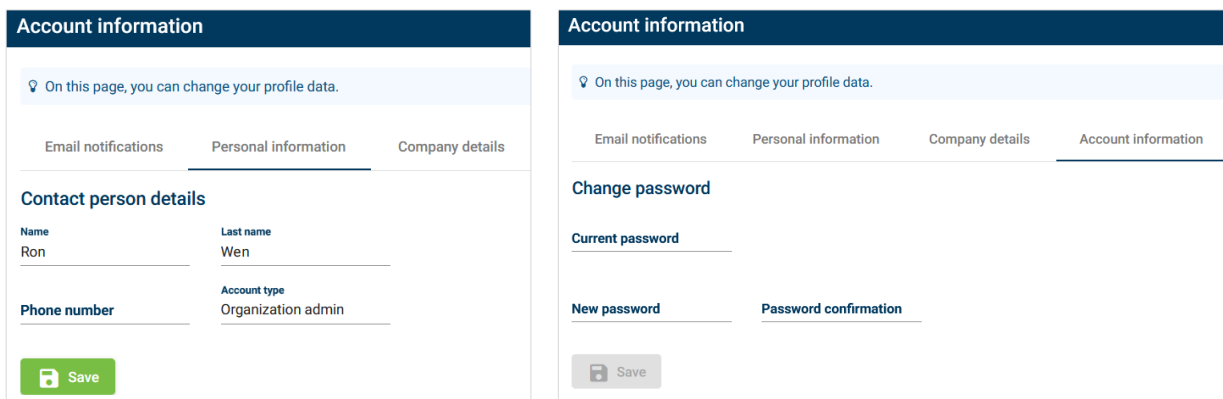


Figure 4.4 – “Personal information” and “Account information” tabs

On the “Email notifications” tab, the following notifications can also be enabled for certain project or license actions:

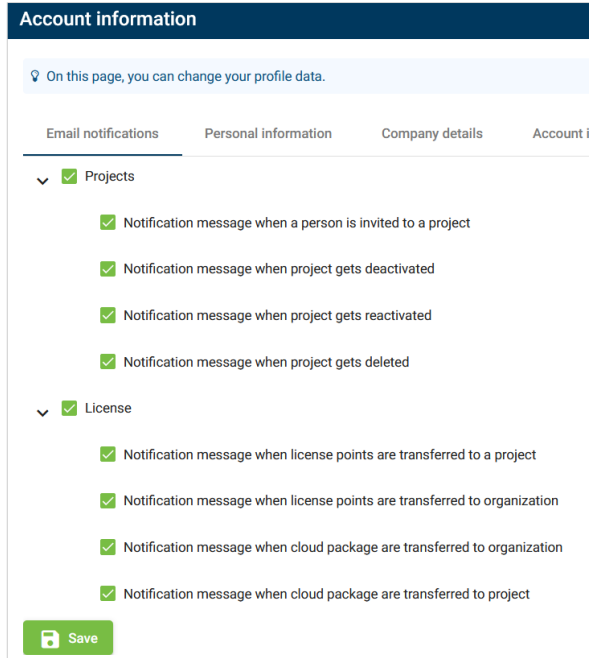


Figure 4.5 – “Email notifications” tab

On the “Two-Factor Authentication” tab, the instructions and QR code for configuring login using two-factor authentication (2FA) are available:

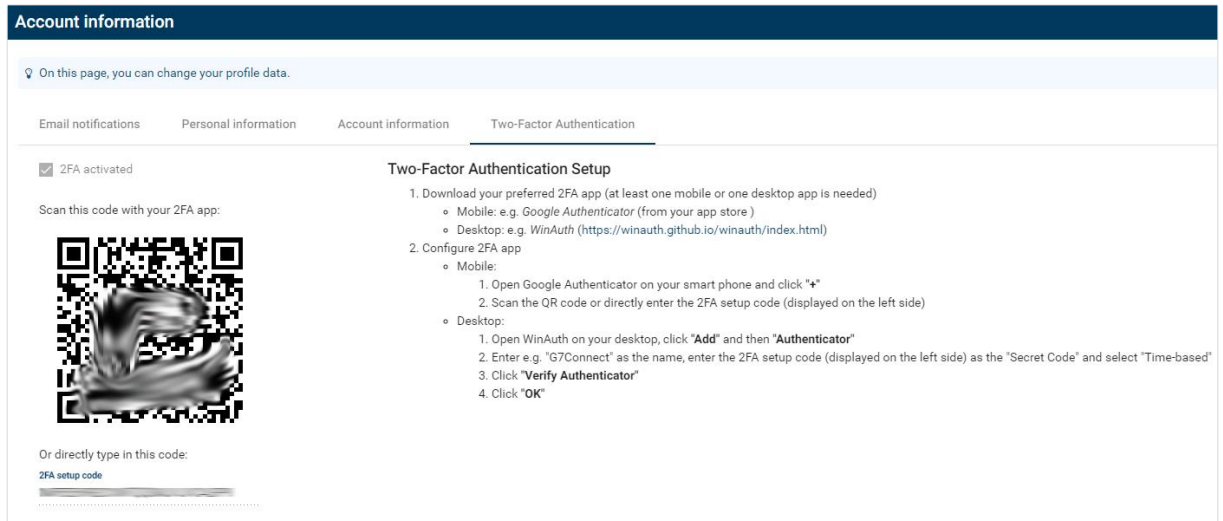


Figure 4.6 – “Two-Factor Authentication” tab

Two-factor authentication is a security process in which users provide two different authentication factors to verify themselves. For G7 Connect, the user is required to complete the verification using a 2FA app (on a mobile device or PC) that generates a 2FA code for login.

4.2.2 Devices

The “Devices” page allows you to search for a specific G7 device (using its serial number) from all the projects you have access to in G7 Connect.

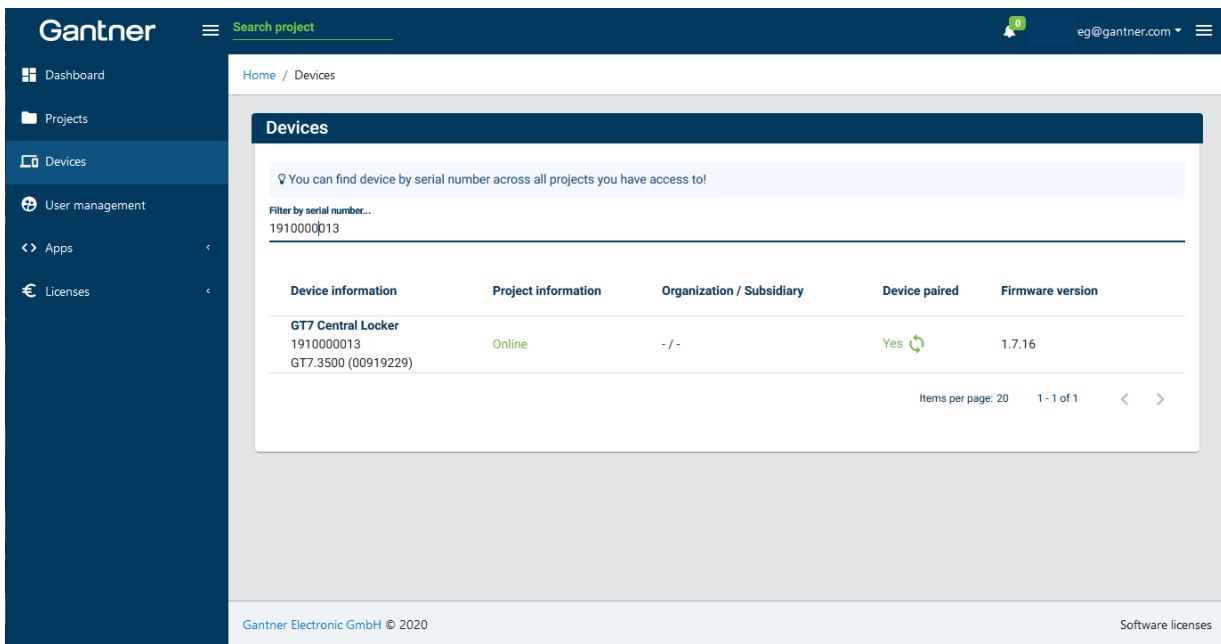


Figure 4.7 – “Devices” page

- Enter the serial number of the device into the “Filter by serial number” field.
 - Device information, e.g., the firmware version, is displayed.

4.2.3 User Management

On the “User management” page, all users from your organization that have been added to G7 Connect are displayed. Information, e.g., the user’s account type, status, and organization, is available here.

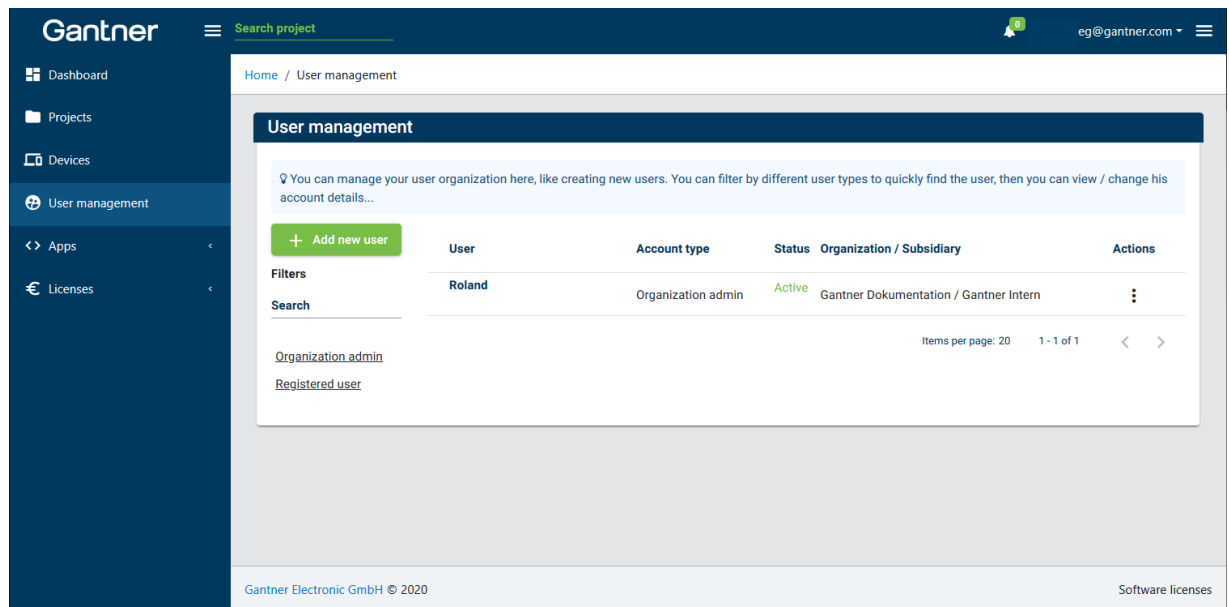
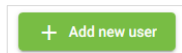


Figure 4.8 – “User Management” page

- To add a new user to your organization in G7 Connect, click on “Add new user”.



- The following window is displayed.

Figure 4.9 – “Add new user” window

- Enter the user’s personal information and their account type. For a description of the two account types, see chapters “3.1 Organization Admin” and “3.2 Registered User”.
- Click on “Save user”.

- The new user is added to the list of users in G7 Connect and an invitation mail is sent to the new user.



If the user does not respond to the invitation email, you can resend it via the “Resend activation email” option of the “Actions” menu (⋮).

+ Add new user	User	Account type	Status	Organization / Subsidiary	Actions
Filters	Ross	Organization admin	User email not yet activated	Gantner Dokumentation / Gantner Intern	⋮
Search	Roland	Organization admin	Active	Gantner Dokumentation / Gantner Intern	⋮
Organization admin					
Registered user					
Items per page: 20 1 - 2 of 2 < >					

Figure 4.10 – New user added to users list, email yet to be activated

- To activate the user account, follow the instructions in the invitation email as described in chapter “3.3 User Account Activation”.

Via the “Actions” menu (⋮) of the respective user, you can edit the user’s account profile (same information as shown in Figure 4.9) or deactivate the user, which means they will not be able to access G7 Connect anymore.

User management					
🔍 You can manage your user organization here, like creating new users. You can filter by different user types to quickly find the user, then you can view / change his account details...					
+ Add new user	User	Account type	Status	Organization / Subsidiary	Actions
Filters	Ross	Organization admin	Active	Gantner Dokumentation / Gantner Intern	⋮
Search	Roland	Organization admin	Active	Gantner Dokumentation / Gantner Intern	⋮
Organization admin					
Registered user					
Items per page: 20 1 - 2 of 2 < >					

Figure 4.11 – User actions

4.2.4 Apps – Overview

On the “Apps Overview” page, all third-party apps (created by the G7 Connect customer) and public apps that have been uploaded to your organization in G7 Connect are displayed. To see this information, select “Overview” from the “Apps” menu in the sidebar.

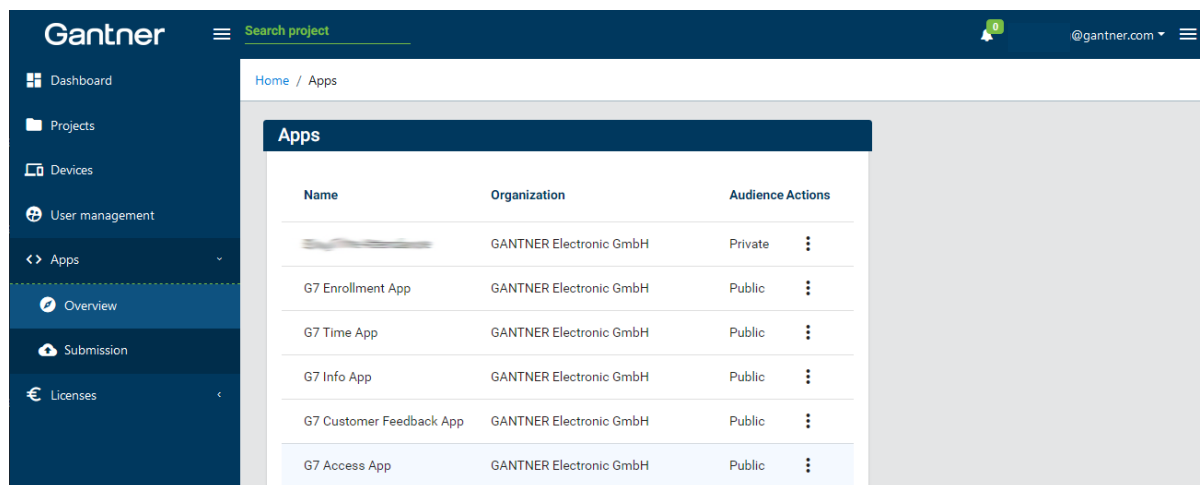


Figure 4.12 – “Apps Overview” page

- ▶ Click on the “Actions” menu (⋮) of the respective app to manage the permissions and release notes of the app.

4.2.5 Apps - Submission

On the “Submission” page of “Apps”, third-party app files can be uploaded to G7 Connect.

- ▶ Drag the file from your computer to the gray box or click on the magnifying glass icon to locate the file.
NOTE! Only zip and enc files can be submitted.
- ▶ Click on “Submit new App”.
 - The history of all apps that have been submitted to G7 Connect is provided below the submission box.

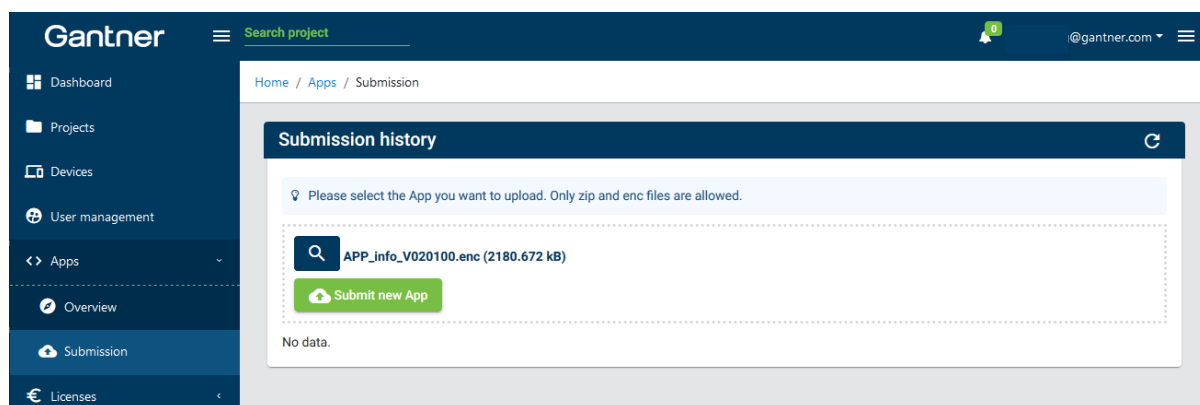


Figure 4.13 – “Apps Submission” page

4.2.6 Licenses – Device Licenses

On the “Device Licenses” page, an overview of all the device licenses and their allocation to your organization and individual projects in G7 Connect are displayed. To display this information, select “Device licenses” from the “Licenses” menu in the sidebar.

Filters	Name	Organization / Subsidiary	Type	Device licenses	Actions
Search	GANTNER Documentation Project 1	Gantner Dokumentation / Gantner Intern	Project	20	⋮
All	GANTNER Documentation Project 2	Gantner Dokumentation / Gantner Intern	Project	11	⋮
Organization	Gantner Dokumentation	Gantner Dokumentation / Gantner Intern	Organization	70	⋮
Project					

Items per page: 20 1 - 3 of 3

AVAILABLE DEVICE LICENSES
70

Figure 4.14 – “Device licenses” page

When you order device licenses from GANTNER, the desired number of license points are transferred to your organization as shown in Figure 4.14 for the "Gantner Dokumentation" organization. From then on, you can transfer the points to the projects and then on to individual devices as required.

The device licenses are used to change the type of app operating on the device and thus change its functionality. To change the app, enough license points must be available in the project to which the device is assigned prior to completing the change. The number of device licenses assigned to each project is shown in “Device licenses” column.

To transfer license points from one project to another, complete the following steps:

- Click on the “Actions” menu (⋮) of the respective project, and then select “Transfer device licenses” from the menu.

Filters	Name	Organization / Subsidiary	Type	Device licenses	Actions
Search	GANTNER Documentation	Gantner Dokumentation / Gantner Intern	Project	101	⋮
All	GANTNER Documentation 2	Gantner Dokumentation / Gantner Intern	Project		Transfer device licenses
Organization	Gantner Dokumentation	Gantner Dokumentation / Gantner Intern	Organization	0	⋮
Project					

Items per page: 20 1 - 3 of 3

AVAILABLE DEVICE LICENSES

Figure 4.15 – Transferring device licenses

- The “Transfer device licenses” window opens.

Figure 4.16 – “Transfer device licenses” window

- Enter the number of device licenses to transfer into the “Amount of device licenses” field. The following table outlines the function and the device licenses required per device for each app.

App Type	Function	Device Licenses
G7 Access App (default app)	For control of access through a door or turnstile, etc. Access is granted or denied after identification with the user's data carrier, fingerprint, or barcode.	0
G7 Advanced Access App	Enables the standard Access App functions, as well as additional functions, e.g., authorization list, COVID Certificate check, support of several GR7 Readers per G7 device.	30
G7 Customer Feedback App	Allows customers to complete a survey or enter feedback via the touchscreen. Feedback can be entered anonymously or personalized with the customer's data carrier.	0
G7 Countdown App	Displays a configurable countdown timer (e.g., 5 mins) to show when the use of a time-limited device (e.g., shower or power plate) will expire.	0
G7 Info App	For the display of customer information after their data carrier is read. The information displayed is configurable, e.g., the customer's locker number or the validation date.	20
G7 Time App	For the control of time-controlled devices, e.g., sunbeds. A timer is activated, and the device switches on for the set time after the customer's data carrier is read.	30
G7 Time & Attendance App	Allows the flexible acquisition of personnel time and attendance information, and the display of employee time accounts.	40
G7 Enrollment App	For the enrollment of fingerprint data to store a fingerprint template on the user's data carrier (used for fingerprint verification).	40
G7 Central Locker App	Allows the G7 device to operate as the central reader in a networked locker system.	50
G7 Main Controller App	Allows the GC7 Main Controller to operate with 8 sub controllers	50

Table 4.9 – App functionality and required device licenses

- ▶ Click “Transfer device licenses”.
 - The device licenses are transferred, an email is sent, and the page is updated to show the change.
- ▶ To show the license transaction history of a project, click on the respective project in the list.

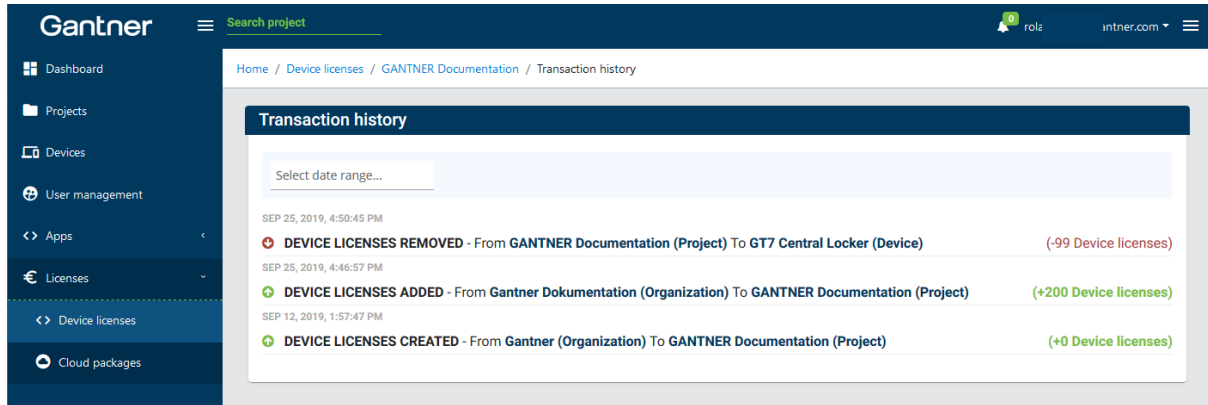


Figure 4.17 – History of device license transactions for a project

4.2.7 Licenses – Cloud Packages

A summary of the cloud packages and their allocation to your organization and individual projects in G7 Connect is available on this page. To display this information, select “Cloud packages” from the “Licenses” menu in the sidebar.

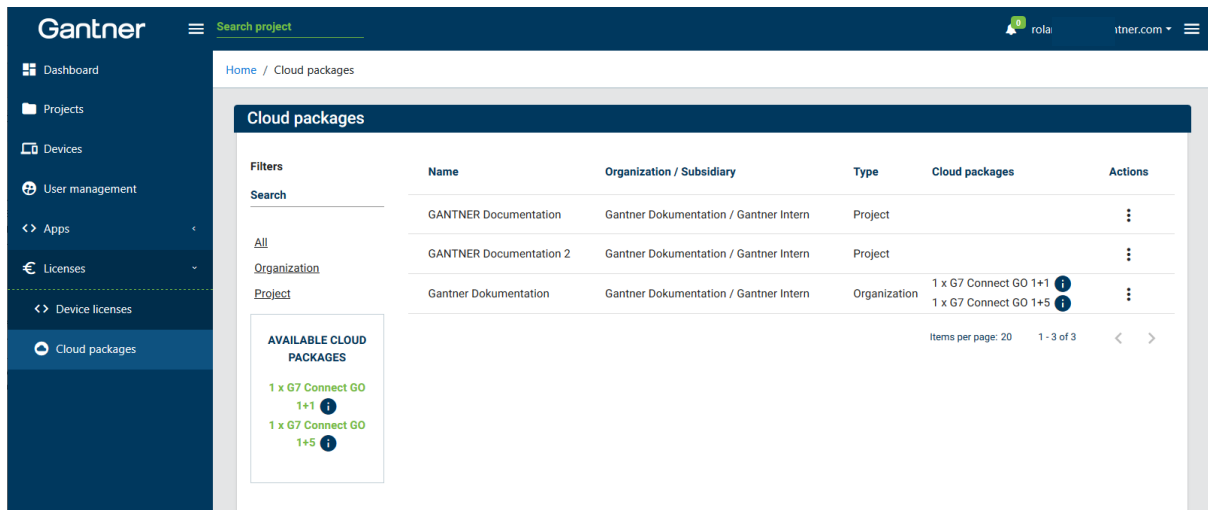


Figure 4.18 – “Cloud packages” page

Cloud packages are available to order from GANTNER and allow you to use the G7 devices with G7 Connect for a defined period. An overview of the cloud packages are as follows:

Cloud Package	Part No.	Features
G7 Connect GO 1+1	1102060	- Enables 1 new GT7/GC7 device to use G7 Connect for 2 years (1st year free for new devices + 1 year G7 Connect access per device). - Can only be ordered together with a GT7/GC7 device.
G7 Connect GO 1+5	1102061	- Enables 1 new GT7/GC7 device to use G7 Connect for 6 years (1st year free for new devices + 5 years G7 Connect access per device). - Can only be ordered together with a GT7/GC7 device.
G7 Connect GO 2	1102062	- Extension package enabling 1 GT7/GC7 device to use G7 Connect for 2 additional years (2 years G7 Connect access per device).

Figure 4.9 – Overview of G7 Connect cloud packages

After ordering a cloud package from GANTNER, it is transferred to your organization. To transfer cloud packages from your organization to a project, complete the following steps:

- Click on the “Actions” menu (⋮) of the respective project and select “Transfer cloud packages” from the menu.
 - The “Transfer cloud packages” window opens.

Figure 4.19 – “Transfer device licenses” window

- Enter the amount of cloud packages to transfer into the “Amount of cloud packages” field, and then click on “Transfer cloud packages”.
 - The cloud packages are transferred, an email is sent, and the page is updated to show the change.



Once the cloud packages are transferred to the desired project, they can now be transferred to the devices within the project. Instructions for completing this process are provided in the “**Device configuration options**” chapter on page 41 under “Transfer cloud packages”.

4.3 Projects Area

In the “Projects” area, an overview of all projects that the logged-in user has access to is displayed. The “Search”, “Owner”, and “Subsidiary” filters above the projects list allow you to easily find a specific project.

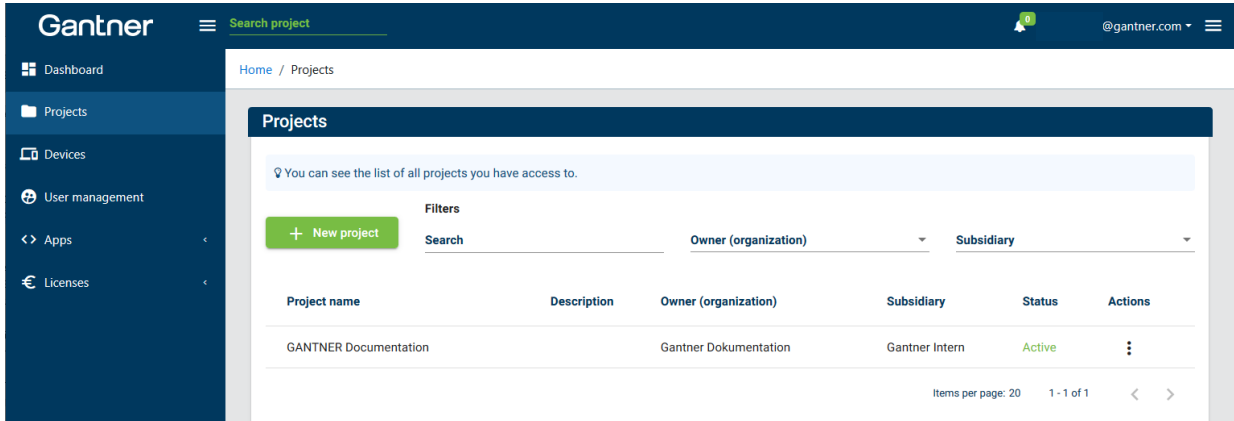


Figure 4.20 – Projects area

- To view the details of an existing project, click on the project name.
 - The project dashboard with information on the selected project is displayed. See chapter “4.3.1 Project Dashboard” for more information.



After opening a project, the options in the navigation sidebar change to the project options. See the relevant sub-chapter in this chapter for information on each option. You can return to the main dashboard (see chapter “4.2 Main Area of G7 Connect”) by clicking on “Back to dashboard” or on the GANTNER logo at the top.

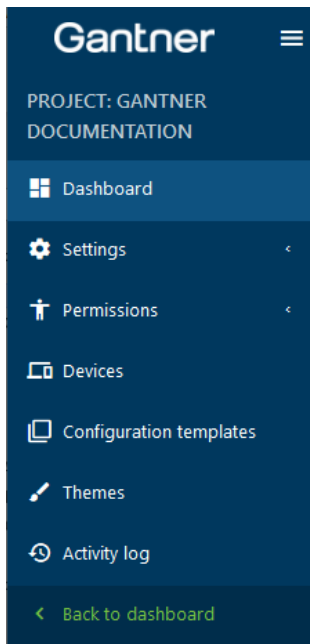


Figure 4.21 – Project options in the sidebar

4.3.1 Project Dashboard

The project dashboard displays a variety of statistical indicators for the chosen project that are first shown after opening a project.

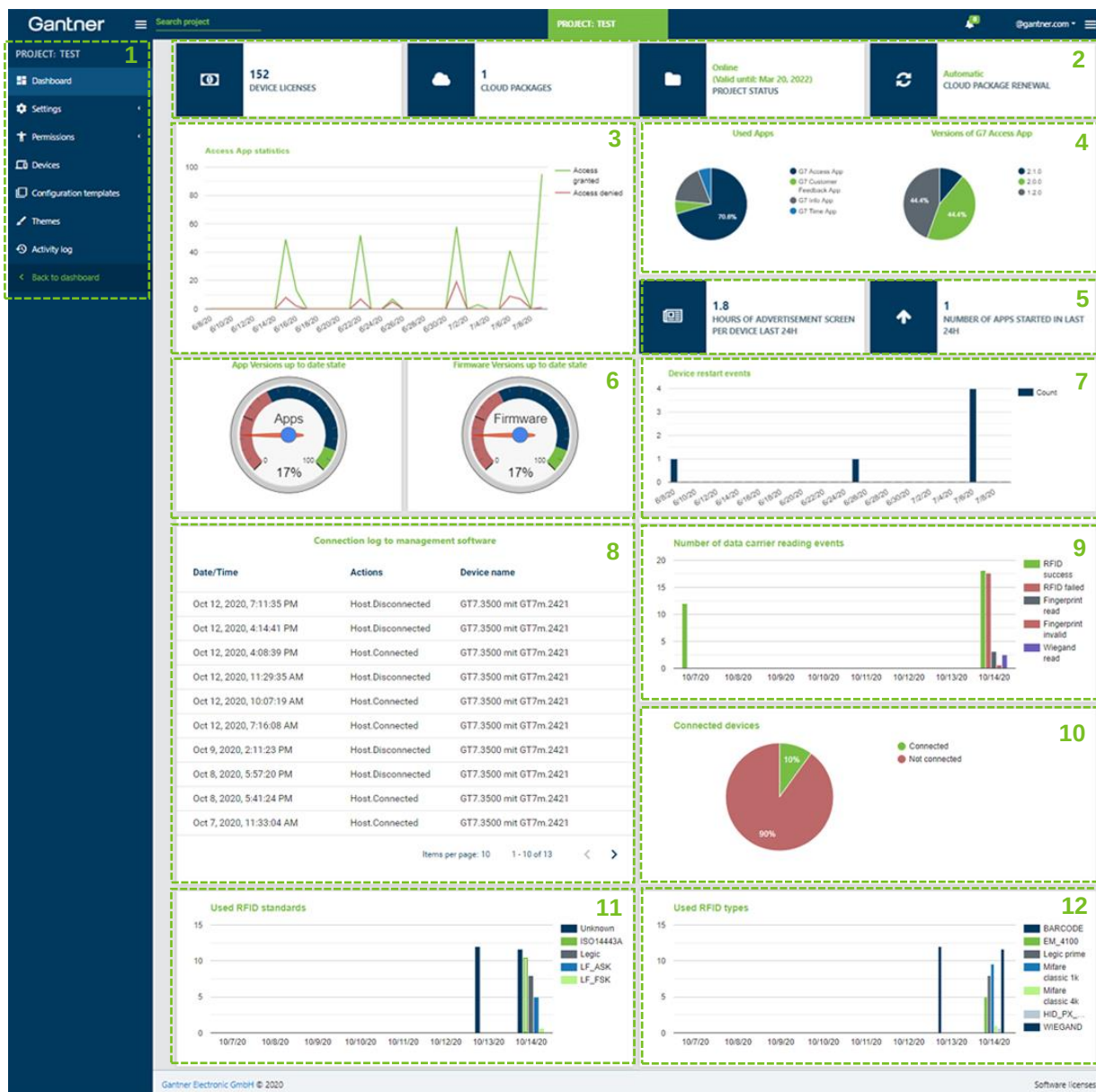
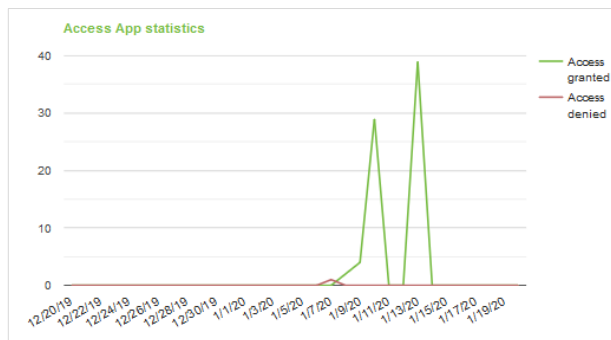


Figure 4.22 – Project dashboard

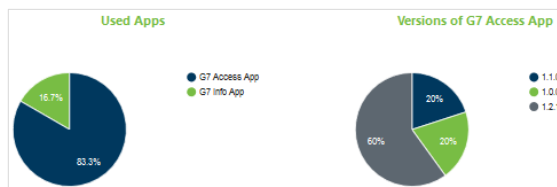
Here, the logged-in user is provided with an overview of the project status and telemetry data of the devices that are connected to the cloud. The user is only shown data for the devices where they have been assigned read/write permission. For example, a project administrator can see data for all the devices in the project whereas a user who is limited to a sub area of the project can only see data from the devices assigned to this sub area.

The following areas and functions are available in the project dashboard:

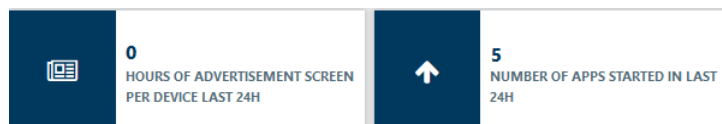
- 1 Navigation: Select the desired view here.
 - Dashboard: General project information and statistical data.
 - Settings: Available here are the general project settings (4.3.2 Settings – General Settings), the project status (4.3.3 Settings – Project Status), and the project update rules (4.3.4 Settings – Update Rules).
 - Permissions: On the “Overview” page, a summary of all users and their assigned permission is provided (see chapter “4.3.5 Permissions - Overview”). In the “Management” area, the structure of your project is configured and permissions for the project are assigned to users (see chapter “4.3.6 Permissions - Management”).
 - Devices: The “Devices” page shows all devices that are assigned to the project. For each device, options including device configuration, general information, and viewing the activity log are provided here. See chapter “4.3.7 Devices”.
 - Configuration templates: Here, the configuration templates that have been created during device configuration are listed and can be edited, copied, or deleted. See chapter “4.3.12 Configuration Templates”.
 - Themes: In the theme editor, different designs (e.g., screensavers, images, sounds, etc.) can be created for the G7 apps. See chapter “4.3.13 Themes”.
 - Activity log: The activity log area displays all the activity (e.g., license points transferred, configuration updated, etc.) recorded for the project. See chapter “4.3.14 Activity Log”.
- 2 Project status: General overview on the project status, device licenses, and cloud packages.
- 3 Access App statistics: All granted and denied accesses that are registered by the G7 Access App are shown here.



- 4 Used apps and app versions: All apps currently used in the project and their software version are shown here.



- 5 App statistics: Data on the duration of displayed advertisement screens and the number of apps started is provided here. The duration of displayed screensavers is not considered.



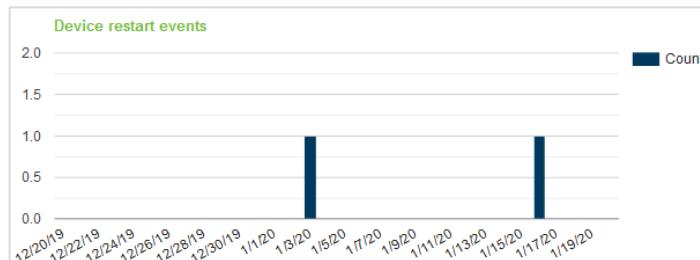
6 App and firmware state:

Calculated from the number of paired devices on the project. 100% means that all app or firmware versions are up to date.



7 Devices restarts:

Shows when and how often devices have been restarted (rebooted).



8 Connection log:

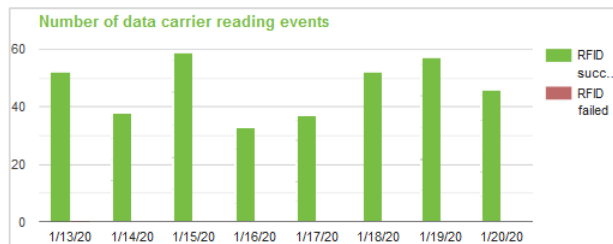
Shows a report about connections and losses of connection to your management software.

Date/Time	Actions	Device name
10.01.2020, 14:38:25	Host.Disconnected	GT7_middle
10.01.2020, 14:38:14	Host.Connected	GT7_middle

Anzahl pro Seite: 10 1 - 10 von 0 < >

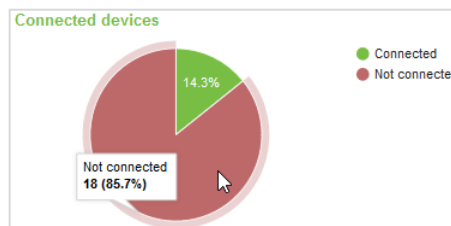
9 Number of reading events:

Each time a data carrier, barcode, fingerprint, or Wiegand device is read (on all devices regardless which app), the event is logged and displayed here.



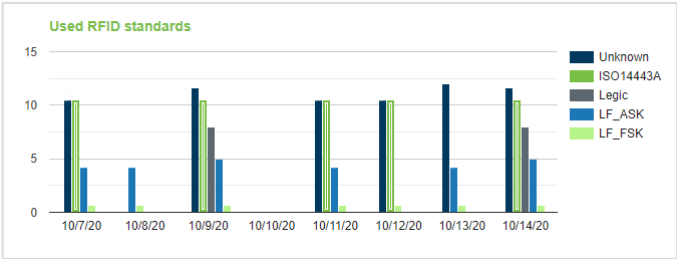
10 Connected devices:

An overview of all devices connected to the cloud (percentage and numbers) is provided here.



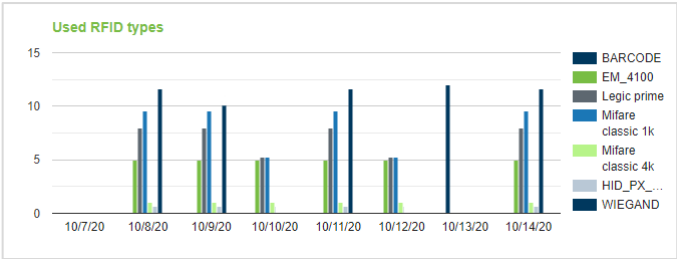
11 Used RFID standards:

This graph displays the type and number of the RFID standards (e.g., ISO 14443A, LEGIC, HID iClass, etc.) that have been used for each day of the current week. The “Unknown” value is the number of identifications that were carried out using non-RFID technology such as barcode, fingerprint, etc.



12 Used RFID types:

This graph displays the type and number of RFID types (e.g., MIFARE Classic data carrier, LEGIC prime data carrier, barcode, fingerprint, Wiegand, etc.) have been used for each day of the current week.



4.3.2 Settings – General Settings

On the “General settings” page, the project settings and project ownership information are displayed.

The screenshot shows the 'General settings' page for a project named 'GANTNER DOCUMENTATION 2'. The page is divided into two main sections: 'General project settings' and 'Project ownership'. The 'General project settings' section includes fields for 'Project name' (GANTNER Documentation 2), 'FID' (123456789), 'Owner (organization)' (Gantner Dokumentation), and 'Gantner ID (AX Number)' (78912). There is also a 'Description' field and a 'Save' button. The 'Project ownership' section shows the 'Current project owner: GANTNER DOKUMENTATION' and a 'Change project ownership' button. The page has a dark blue sidebar with navigation options like Dashboard, Settings, General settings, Project status, Update rules, Permissions, Devices, Configuration templates, Themes, and Activity log. The top header shows the Gantner logo, a search bar, and the project name. The footer includes 'Gantner Electronic GmbH © 2020' and 'Software licenses'.

Figure 4.23 – “General settings” page

- ▶ To change the “Project name”, “FID” number, or “Description” of the project, enter the new data into the respective field and click on “Save”.
- ▶ To change the ownership of the project to another organization, click on “Change project ownership”, select a new “Organization” from the menu, and then click on “Save”.

NOTE! The settings “Owner (organization)” and “Gantner ID (AX Number)” are cost relevant. Invoices for G7 Connect GO packages that are extended automatically after the period of use will be issued to the specified organization.

The screenshot shows a modal dialog titled 'Change project ownership'. It contains a light blue informational message: 'To change project ownership, please select new project owner organization. This might have some pricing impact for organization you are about to select!'. Below the message is a dropdown menu labeled 'Organization' with 'Gantner Dokumentation' selected. At the bottom of the dialog is a green 'Save' button.

Figure 4.24 – “Change project ownership” window

4.3.3 Settings – Project Status

On the “Project status” page, functions for managing the project account are available.

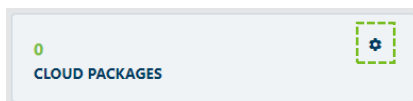
Figure 4.25 – “Project status” page

At the top of the page, the following actions can be completed via the actions menu ():

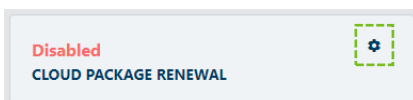
- To transfer device licenses to the project, open the actions menu of “Device Licenses” and click on “Transfer device licenses”. See chapter “4.2.6 Licenses – Device Licenses” for further instructions.



- To transfer cloud packages to the project, open the actions menu of “Cloud Packages” and click on “Transfer cloud packages”. See chapter “4.2.7 Licenses – Cloud Packages” for further instructions.



- To disable (or enable) the automatic renewal of the cloud package, open the actions menu of “Cloud Package Renewal” and click on “Disable (or Enable) automatic renewal”.



If autorenewal is enabled, an order information is generated 2 months before the first G7 device with cloud days is due to expire and an email is sent notifying that G7 Connect access for this project will expire shortly. The order for the G7 Connect GO 2 extension packages with the number of packages can then be forwarded to GANTNER in G7 Connect immediately (via “Execute order information”) or canceled within a month (via “Cancel order information”). If nothing is done, an invoice is automatically sent.

In the middle of the page, the “Orders information” area shows information of all orders the logged-in user has access to.

Order information - 01/2020			
Execute order information Cancel order information		Order information processed. Cloud packages credited.	
Article number	Number of packages	Cloud package	Validity (months)
1102062	5	G7 Connect GO 2	24

Orders information		
You can see the list of information of all orders you have access to.		
Order information name	Expiry date	Status
Order 03/2020	May 29, 2020	Order information will be processed

Figure 4.26 – “Order information” area

In the “Devices” area at the bottom of the page, information, e.g., device serial number, number of cloud days remaining, for all devices assigned to the project is displayed.

Devices			
Balance			
Device name	Serial number	Article number	Remaining cloud days
Device 1	1102062	01102062	0 days
Device 2	1102062	01102062	68 days
Device 3	1102062	01102062	161 days
Device 4	1102062	01102062	188 days
Device 5	1102062	01102062	288 days

Figure 4.27 – “Devices” area

The “Balance” button here allows you to balance the expiry date for cloud access so that all devices in your project have the same expiry date, i.e., the average number of days remaining for cloud access is calculated from all devices and this number is then applied to each device.

NOTE! Completing the device balancing may have some pricing impact for your organization.

4.3.4 Settings – Update Rules

On the “Update rules” page, all GANTNER devices that can be paired with G7 Connect are listed. For each device type, you can define the maximum update version and once this is set, all your devices of this type will use this version as the latest update version.

NOTE! Devices that already have a newer version will not be downgraded. Devices with an older version will not be updated until the user clicks on update firmware. A newer version can be selected manually for individual devices.

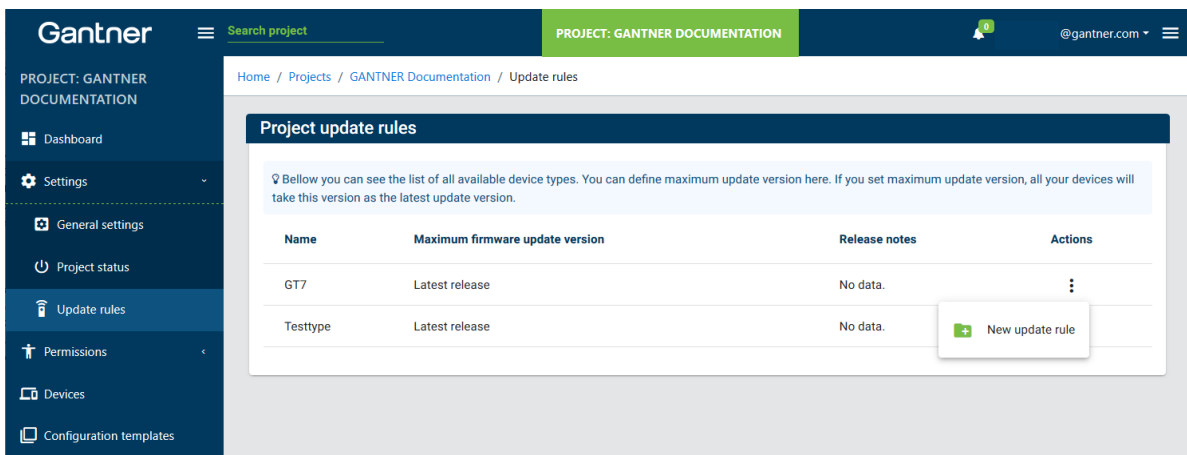


Figure 4.28 – “Update rules” page

- ▶ To set a maximum update version, open the “Actions” menu (⋮) of the respective device and click on “New update rule”.
 - The “Update rule” window opens.

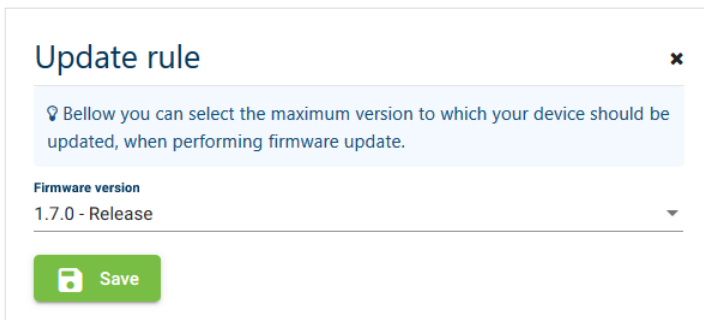


Figure 4.29 – “Update rule” window

- ▶ Select the desired maximum firmware version from the menu and click on “Save”.
 - The update rules list is updated with the maximum firmware version.
- ▶ To display information on the selected version, click on “Show release notes”.
 - The “Release notes” window opens.

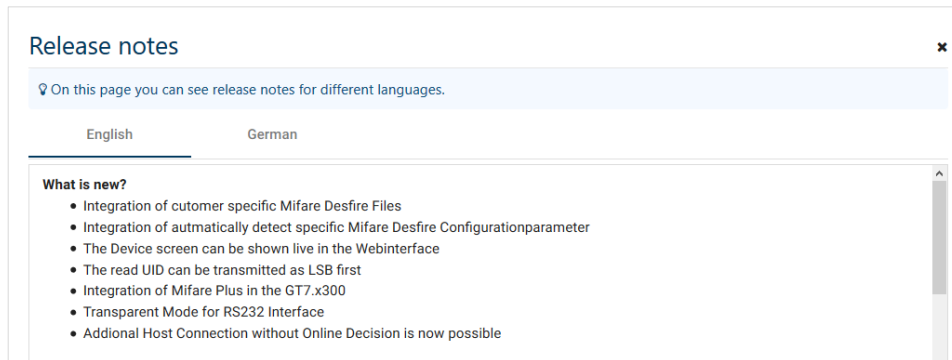


Figure 4.30 – “Release notes” window

4.3.5 Permissions - Overview

A level of permission is assigned to each user to define how they can view and edit data in the project. In order of hierarchy, the three permission levels that can be assigned to each user at project level are:

1. **Administrator:** An “Administrator” can create new sub areas in the project, invite new users to the project, assign existing users to the project, and also manage the permissions of the specific project. An “Administrator” can only be assigned to the highest level of the project. After this permission is assigned, the user becomes a Project Admin.
2. **Read/Write:** With this permission, the user can add and configure devices in the sub area to which the user is assigned.
3. **Read only:** With this permission, the user can only see the information in the “Devices” menu and the sub area to which they are assigned. They are not permitted to change any of the information.

On the “Permissions Overview” page, a list of all users assigned to the project and their permission level is provided.

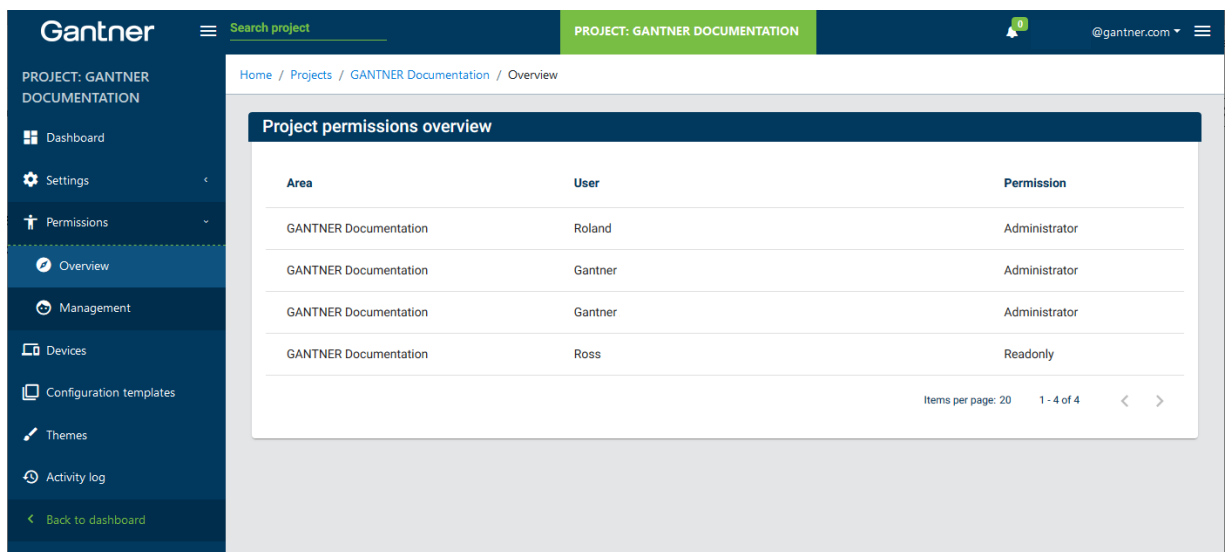


Figure 4.31 – “Permissions Overview” page

4.3.6 Permissions - Management

On the “Permissions Management” page, the structure of the project can be defined, and permissions assigned to internal and external users.

i The project structure can also be defined in the same way on the project “Devices” page.

Figure 4.32 – “Permissions Management” page

To the left under “Structure”, one main area is defined for the project that is shown below in blue.

- To rename the main area, click on the “Actions” menu (⋮) and select “Rename area”.

Figure 4.33 – Defining areas for the project

- To add a sub area (this represents different floors/rooms), select “Add sub area” from the “Actions” menu (⋮).

- ▶ Enter a name for the sub area into the “New area” field and press enter.
- ▶ To delete a sub area, select “Remove area” from the “Actions” menu (⋮).
- ▶ Subsequent sub areas can be added/deleted to/from the main area and sub areas as required.

To the right under “Management”, permissions can be assigned to users inside your organization, and to persons outside of your organization.

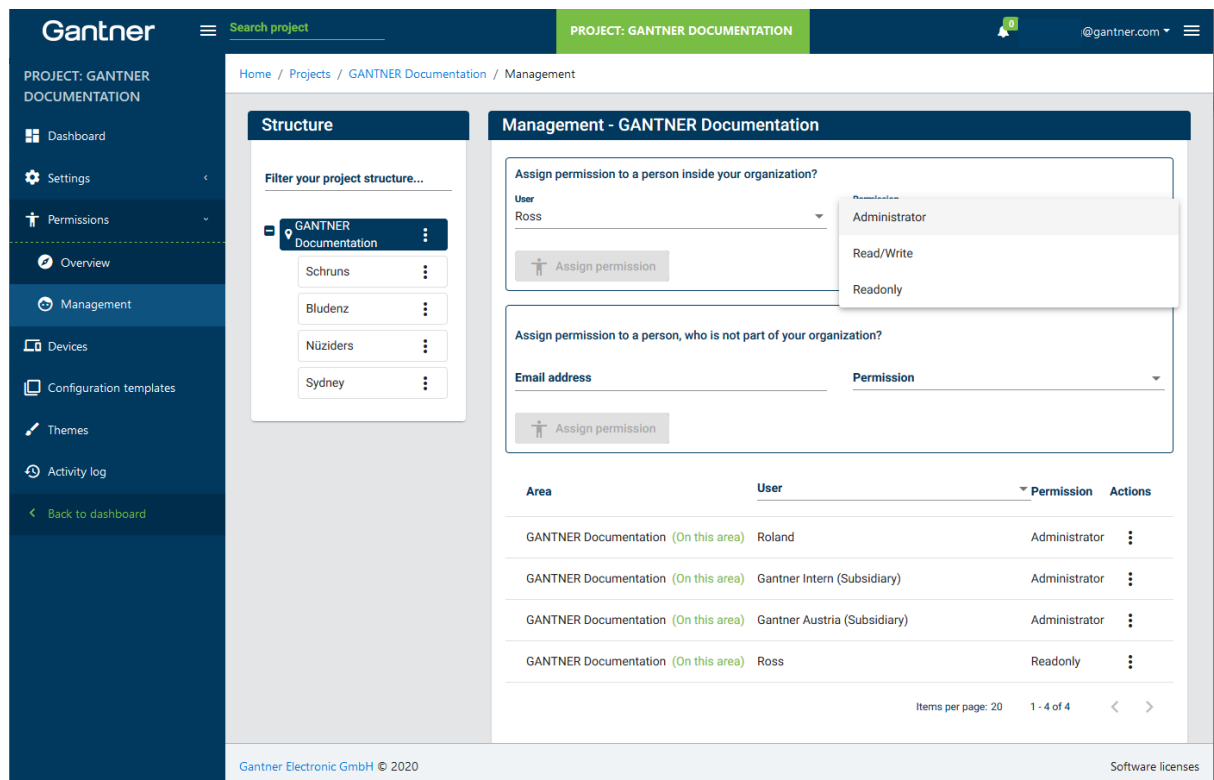


Figure 4.34 – “Permissions Management” page

At the bottom of the “Management” area, all users currently assigned to the selected project area are listed.

- ▶ To remove a user from the project area, click on the “Actions” menu (⋮) and select “Remove area permission”. Permissions can thus be individually configured for each user and area/sub area of the project.

Assigning project permission to a user inside your organization

- ▶ In the “Structure” section, select the main area or sub area(s) where you want to assign permission.
NOTE! When you assign permission to an area, permission is assigned to all sub areas by default.
- ▶ Select the user from the “User” menu. The “Search” field provided in this menu allows you to quickly find a specific user.

Assign permission to a person inside your organization?

User

Ross

Permission

Administrator

Assign permission

- ▶ Assign the type of permission from the “Permission” menu (see chapter “4.3.5 Permissions - Overview” for a definition of the permission types).
- ▶ Click on “Assign permission” to save the settings.
 - The user is added to the users list in the “Management” section.

Assigning project permission to a user who is not part of your organization

It is possible to invite a new external user to your project, e.g., a client of the respective project, without having to add the user to your organization.

- ▶ In the “Structure” column, select the area or sub area(s) where you want to assign permission.

NOTE! When you assign permission to an area, permission is assigned to all sub areas by default.
- ▶ Enter the email address of the user into the “Email address” field.

Assign permission to a person, who is not part of your organization?

Email address

john.smith@companyABC.com

Permission

Read/Write

Assign permission

- ▶ Assign the type of permission from the “Permission” menu (see chapter “4.3.5 Permissions - Overview” for a definition of the permission types).
- ▶ Click on “Assign permission” to save the settings.
 - The user is added to the users list in the “Management” section.

4.3.7 Devices

On the “Devices” page, the structure of the project can be defined, and devices can be added to the project.

i The project structure can be defined on this page and on the “Permissions Management” page. See chapter “4.3.6 Permissions - Management” for instructions on this process.

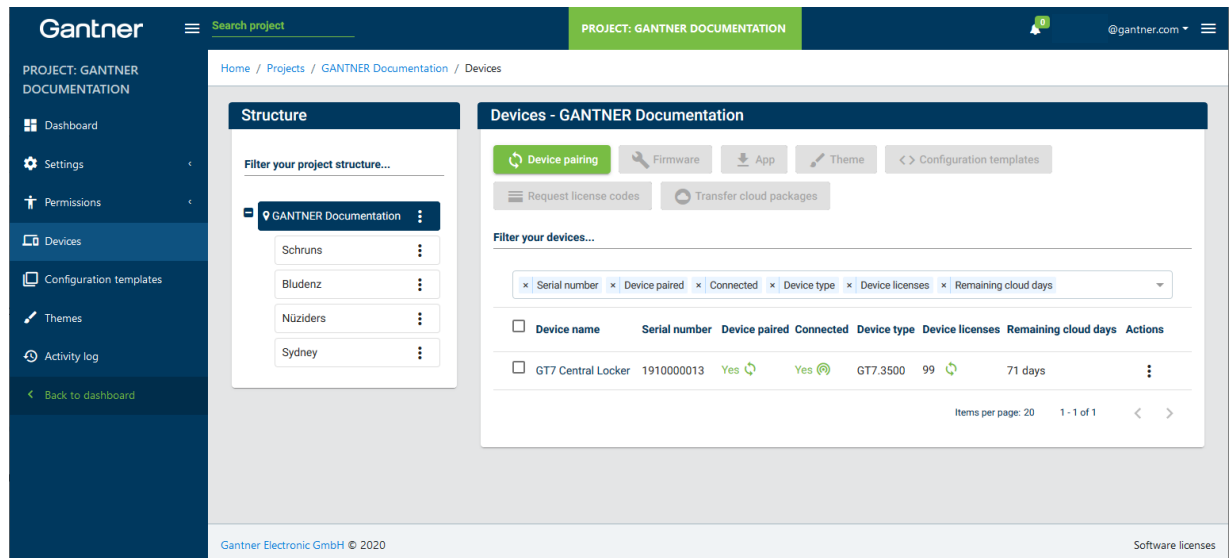


Figure 4.35 – “Devices” page

Adding a device to a project

- ▶ In the “Structure” column, select the area or sub area (e.g., Sydney) where you want to assign the device.
- ▶ Click on “Device pairing”.
 - The “Device pairing” window opens.

Device pairing ✕

⚠ Please insert your pairing key in input below and click Pair device to perform pairing. If pairing is successful you will see your device in the list below.

Pairing key

Name

Description

...

Pair device

Figure 4.36 – “Device pairing” window

- ▶ The pairing key for your GANTNER device can be found in the web interface of the device. Enter the IP address of the device into your web browser and then log in using your username and password.
 - The web interface opens (the following figure shows the web interface of the GT7.3500).

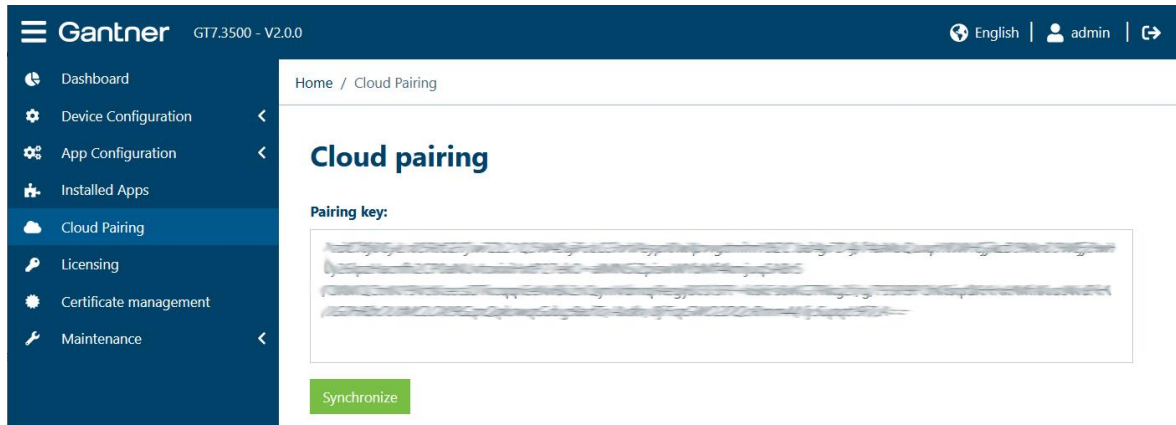


Figure 4.37 – GT7.3500 web interface – key for cloud pairing

- ▶ Click on “Cloud Pairing” in the sidebar and copy the key in the “Pairing key” field.
- ▶ In the “Device pairing” window of G7 Connect, enter the copied key into the “Pairing key” field,
- ▶ Enter a name for the device so it can be identified easily in your project, e.g., where the device is installed. You can also add more information in the “Description” field.
- ▶ Click on “Pair device”.

Device pairing

Please insert your pairing key in input below and click Pair device to perform pairing. If pairing is successful you will see your device in the list below.

Pairing key *

JzdCif8j0GyLn05RtGEI7jw7ZL21Q5W4SajFoLG5hrXHwfDelrcrDkftQmOZyxEnVwwX9B4svlcY+pD1GSw81U4o7I6U2ka5x3IL

Name *

Project Berlin Main Entrance

Description

Pair device

Figure 4.38 – Enter the pairing key into G7 Connect

- In G7 Connect, the paired device is displayed under the “Devices” section. In the “Device paired” column of G7 Connect, a green “Yes” symbol indicates that the device has been paired with G7 Connect and can be connected. The “Connected” column indicates whether the device is connected and communicating with G7 Connect. A cloud symbol in the device web interface also indicates active communication.

4.3.8 Device Configuration – Main Options

Once a device is successfully paired with the project and the device has been selected in the devices list, the following device configuration options (1), list filters (2), and information/actions (3) are available.

The screenshot shows the 'Devices - GANTNER Documentation' interface. It is divided into three main sections highlighted with green dashed boxes and numbered 1, 2, and 3.

Section 1: Configuration Options (Top bar)

Buttons available:

- Device pairing
- Firmware
- App
- Theme
- Configuration templates
- Request license codes
- Transfer cloud packages

Section 2: Filter your devices... (Filter bar)

Active filters:

- Serial number
- Device paired
- Connected
- Device type
- Device licenses
- Remaining cloud days

Section 3: Devices List (Table)

Device name	Serial number	Device paired	Connected	Device type	Device licenses	Remaining cloud days	Actions
☒ GT7 Central Locker	1910000013	Yes	Yes	GT7.3500	99	71 days	

Items per page: 20 1 - 1 of 1 < >

Figure 4.39 – Devices list with configuration and filter options

1. Device configuration options

i The configuration options (green buttons) can be applied to any number of devices selected in the list. For example, if you want to apply a firmware update to 20 devices simultaneously, mark the 20 devices in the devices list and click on the “Firmware” button.

Device pairing

The image shows a close-up of the configuration buttons. The 'Device pairing' button, which has a refresh icon, is highlighted with a green dashed box.

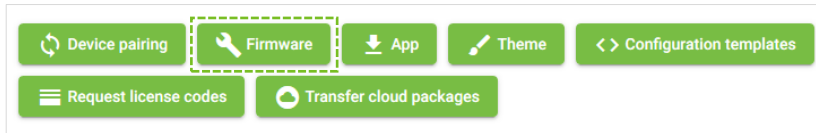
Buttons visible:

- Device pairing
- Firmware
- App
- Theme
- Configuration templates
- Request license codes
- Transfer cloud packages

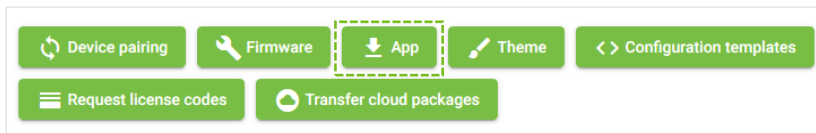
Figure 4.40 – Device pairing

► Click on “Device pairing” to add a new device to your project.

i See chapter “4.3.7 Devices” for instructions on this process.

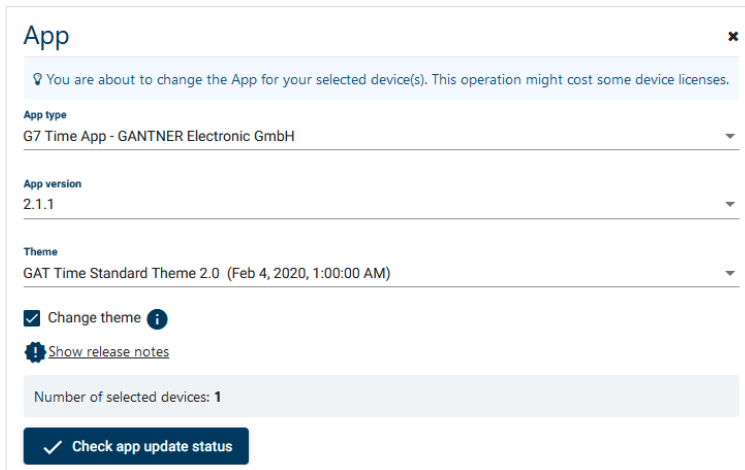
Firmware update**Figure 4.41** – Updating the firmware of a device

- ▶ Click on “Firmware” and then on “Yes” in the confirmation window to begin the update process.
 - The firmware of the selected device is updated to the latest version according to the defined update rules (see “4.3.4 Settings – Update Rules”). If an update rule has not been defined for the device type, the latest stable firmware version is used.

App change**Figure 4.42** – Changing the app of a device

i Some apps require device licenses to operate on the device. See Table 4.9 for information on the functionality of each app and the device licenses required to run the app.

- ▶ Click on “App”.
 - The following window opens.

**Figure 4.43** – “App” configuration window

- ▶ Select the desired “App type” and “App version” from the menus.
- ▶ You can also apply a specific theme for the app via the “Theme” menu.
- ▶ Click on “Check app update status”.
 - A summary of the device licenses required to complete the app change is displayed at the bottom of the “App” window. Also shown here is whether a firmware update is required to install the app. If there

are insufficient device licenses or a firmware update is required, these requirements must be met before the app can be installed.

App

You are about to change the App for your selected device(s). This operation might cost some device licenses.

App type
G7 Time App - GANTNER Electronic GmbH

App version
2.1.1

Theme
GAT Time Standard Theme 2.0 (Feb 4, 2020, 1:00:00 AM)

☒ Change theme ⓘ

[Show release notes](#)

Number of selected devices: 1

Device licenses status summary

Device	Message	Status
GT7 Umbau	Device licenses can be transferred to this device. Device licenses on device: 20. Amount of device licenses to transfer: 10.	OK

App

Figure 4.44 – Device licenses status summary

- ▶ Click on “App” to change the app for the selected device.
 - Device licenses and the app are loaded to the device, which now operates as per the functionality of the app. More information on the functionality and configuration of the app is available in the respective app manual.

Theme change

Device pairing Firmware App **Theme** Configuration templates

Request license codes Transfer cloud packages

Figure 4.45 – Changing the theme of a device



See chapter “4.3.13 Themes” for information on creating app themes.

- ▶ Click on “Theme”.
 - The following window opens.

Theme

Theme
GAT Time Standard Theme 2.0 (Feb 4, 2020, 1:00:00 AM)

Number of selected devices: 1

Apply theme

Figure 4.46 – “Theme” configuration window

- ▶ Select the desired theme from the menu.
- ▶ Click on “Apply theme” to apply the settings.
 - The new theme is loaded to the device.

Configuration template change

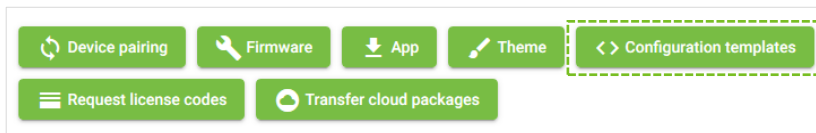


Figure 4.47 – Change the configuration template of a device

i See chapter “Create configuration template” for instructions on configuration templates.

- ▶ Click on “Configuration templates”.
 - The following window opens.

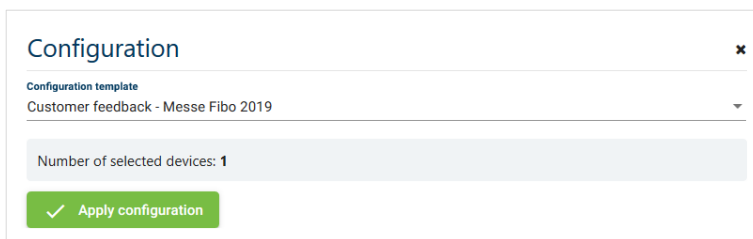


Figure 4.48 – “Configuration” window

- ▶ Select the desired configuration template from the menu.
- ▶ Click on “Apply configuration” to apply the settings.
 - The new configuration settings are loaded to the device.

Request license codes

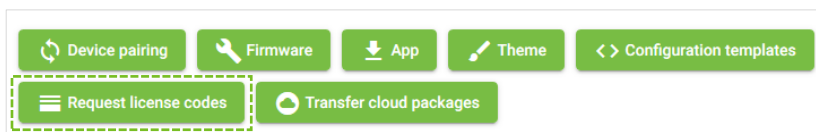


Figure 4.49 – Request license codes

If a device has no connection to G7 Connect, the license code can be displayed after selecting the desired app (e.g., license code for 50 points for the G7 Central Locker App). This license code can then be entered into the device web interface.

- ▶ Click on “Request license codes”.
- ▶ Select the desired app and copy the displayed license code.
- ▶ In the device web interface, enter the code into the “License code” field and then click “Apply license code”.

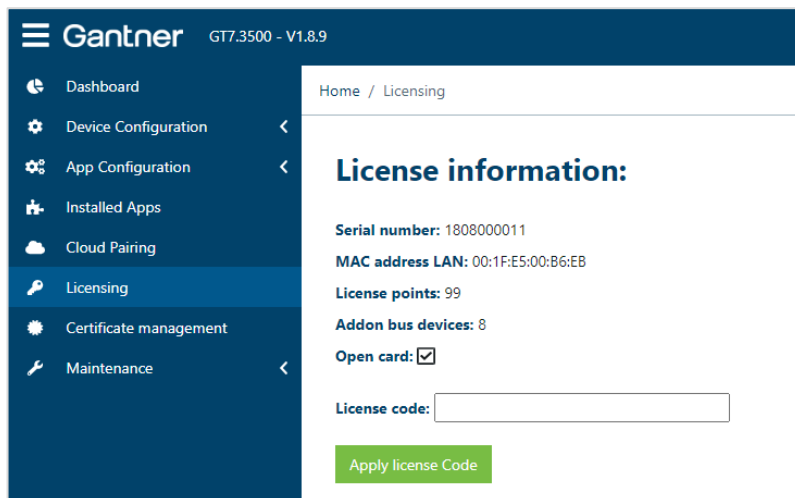


Figure 4.50 – License code entry in the device web interface

- The consumed license codes are displayed in the “Request license codes” window.

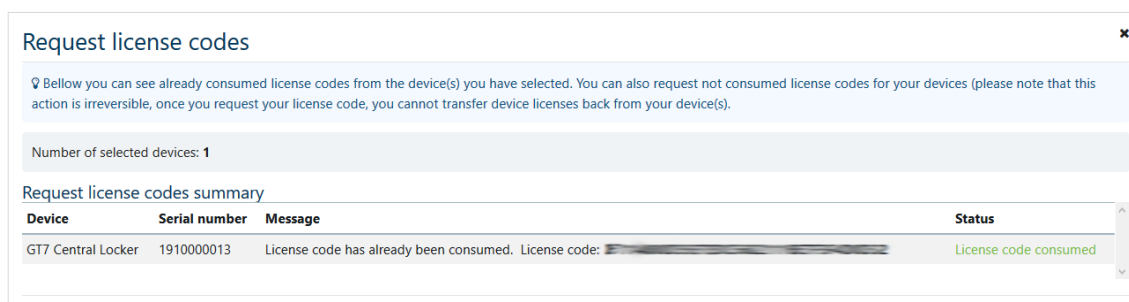


Figure 4.51 – “Request license codes” window

Transfer cloud packages

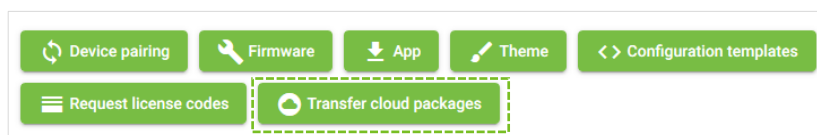


Figure 4.52 – Transfer cloud packages for a device

i See chapter “4.2.7 Licenses – Cloud Packages” for information on cloud packages.

To be able to use the G7 devices with G7 Connect, sufficient cloud days per device are required. Cloud packages can be transferred to a device as follows.

- ▶ Click on “Transfer cloud packages”.
 - The following window opens.

Figure 4.53 – “Transfer cloud packages” window

- ▶ Select the type of “Cloud package” from the menu.
- ▶ Click on “Check cloud packages status” to apply the settings.
 - The cloud packages are transferred to the device.

Reset device password

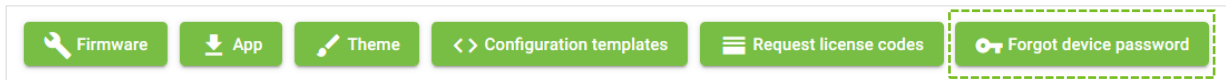


Figure 4.54 – Forgot device password

This option is available via the device configuration sub options, which are accessed by clicking on the device name, and allows you to use a one-time password to log into the device web interface if you forget your login details.

- ▶ On the login page of the device web interface, click on “Login with one time password”.
 - The one-time password is displayed.

Figure 4.55 – Login with one-time password

- ▶ Copy the displayed password.

- ▶ In G7 Connect, click on “Forgot device password”
 - The following window opens.

Figure 4.56 – G7 Connect - “Forgot device password” window

- ▶ Enter the copied password into the “Secret key” field and click on “Generate device password”.
 - A one-time password is displayed, which you can now use to log in to the device web interface.

2. Filter options

Figure 4.57 – Devices list filter options

- ▶ To filter the devices list, enter the desired text into the “Filter your devices” field.
 - Only those devices that match the filter criteria are displayed.
- ▶ To add a device parameter for display in the devices list, click on the arrow.
 - The device parameter menu opens.
- ▶ Select the desired parameter from the list.
 - The parameter with data is displayed for each device in the list.
- ▶ To delete a device parameter, click on the “x” next to the parameter name.

3. Devices list and actions

Device name	Serial number	Device paired	Connected	Device type	Remaining cloud days	Actions
☒ GT7 Central Locker	1910000013	Yes	Yes	GT7.3500	68 days	
						Items per page Configure device Edit general information Unpair device Locate device Reboot device

Figure 4.58 – Device “Actions”

The following options are available via the “Actions” menu () of the respective device.

- ▶ Select “Configure device” to open the device configuration sub options page (see “4.3.9 Device Configuration – Sub Options”). Here you can configure detail settings such as the network settings, time/date settings, display settings, etc.
- ▶ Select “Edit general information” to edit the device name and description.
- ▶ Select “Unpair device” and then “Yes” in the confirmation window to remove the device from the project.
- ▶ Select “Locate device” to activate a sound signal and flashing LED on the device for 10 seconds to allow it to be identified easily.
- ▶ Select “Reboot device” to restart the device.

4.3.9 Device Configuration – Sub Options

The device configuration sub options page contains all the settings required to configure the device and the device application, e.g., configure the display settings, change the network settings, and set the date/time of the device.

- To access the sub options, either click on the “Device name” or select “Configure device” from the “Actions” menu (⋮) of the respective device.

Device name	Serial number	Device paired	Connected	Device type	Remaining cloud days	Actions
GT7 Central Locker	1910000013	Yes	Yes	GT7.3500	68 days	⋮
						Items per page: 10 < > Configure device Edit general information

Figure 4.59 – Accessing the device sub options

- The following window is displayed.

Device information - GT7 Central Locker

Firmware
 App
 Theme
 Configuration templates
 Request license codes
 Forgot device password

Device configuration
 General overview
 Activity log

Create configuration template

Device configuration
 Network
 G7 Connect
 External Webserver
 WebProxy
 WLAN
 Security and user

Configuration history
 Monday, May 18, 2020 at 12:40:38 PM GMT+02:00 (Device - 1910000013-00919229)

Device name: GT7_1910000013
 DHCP assigned IP address: ☒
 Use802_1X: ☐
 Save Discard Default configuration

Figure 4.60 – Device information and sub options

In the "Configuration history" field, a previously saved template can be selected thereby allowing you to view and implement the settings from a previous configuration.

- Select a template from the "Configuration history" field.
 - The configuration settings of the template version are displayed.
- If you want to use these configuration settings for the device, click on “Save”.

1. Main configuration options



See “4.3.8 Device Configuration – Main Options” for information.

2. Device configuration sub options

The settings shown here (this is the default window shown after opening this page) are every configuration setting that is available for the selected device (shown under “Device configuration”) and the app running on the device (shown under “App configuration”).

Figure 4.61 – Device “Network” settings

For the “Device configuration” settings, Figure 4.61 shows an example of the network settings. Here you can, e.g., change the device name and enable/disable DHCP. Figure 4.62 shows the time settings of the device. Here you can, e.g., change the time format from 12h to 24h and set the time zone.

Figure 4.62 – Device “Time” settings

For the “App configuration” settings, Figure 4.63 shows an example of the display text settings. Here you can, e.g., change the message displayed on the screen before a data carrier is read (“Welcome text”).

i The settings available here depend on which app the device is running. A complete description of these settings and how to configure the app is provided in the respective G7 app manual.

The screenshot shows the 'Device configuration' interface. On the left, a sidebar lists various configuration categories: Network, G7 Connect, External Webserver, WebProxy, WLAN, Security and user, Time, Display, Data Carrier, Device, Fingerprint, Barcode Interface, and Sub Controller. Below these is the 'App configuration' section, which includes 'Operation mode' and 'Display texts' (the latter is selected and highlighted). The main area displays the 'Display texts' settings for the 'English' language. It includes fields for 'Language code' (en), 'Language name' (English), and several text messages that can be edited: 'Welcome text' (Your datacarrier please), 'Out of order message' (Out of order), 'Title for locker info screen' (Your locker number), 'Text during opening countdown' (Locker
@L
is opened soon), 'Text during closing countdown' (Locker
@L
can be closed soon), 'Text after opening locker' (Locker
@L
open), 'Closing allowed message' (Locker
@L
can be closed), 'Title for multiple-locker info screen' (Your lockers), and 'Text during countdown' (All your lockers are opened soon). Each text field has an edit icon (pencil) to its right. At the top right, there is a 'Configuration history' section showing the date and time of the last configuration change.

Figure 4.63 – App “Display texts” settings

3. Create configuration template

The screenshot shows the 'Device information - GT7 Central Locker' interface. At the top, there is a navigation bar with several buttons: 'Firmware', 'App', 'Theme', '<> Configuration templates', 'Request license codes', and 'Forgot device password'. Below this is a section for 'Device configuration' with tabs for 'Device configuration', 'General overview', and 'Activity log'. The 'Device configuration' tab is active, and a button labeled '+ Create configuration template' is highlighted with a dashed green box. Below this, there is a 'Device configuration' section with a sidebar listing 'Network' and 'G7 Connect'. The main area shows the 'Device name' field with the value 'GT7_1910000013'. At the top right, there is a 'Configuration history' section showing the date and time of the last configuration change.

Figure 4.64 – “Create configuration template” button

When you configure a device, the configuration settings shown on this page can be saved as a template. Multiple configuration templates can be created and then applied to the devices as required to simplify the configuration process.

- After all the settings have been configured, select “Create configuration template”.

- Selection boxes next to each settings group become available.

The screenshot displays the G7 Connect configuration interface. At the top, there is a 'Template name' field containing 'Config Template 3' and a green 'Save configuration template' button. Below this, the 'Device configuration' section is visible, featuring a list of settings groups on the left and their respective values on the right. The settings groups include Network, G7 Connect, External Webserver, WebProxy, WLAN, Security and user, Time, Display (highlighted in blue), and Data Carrier. Each group has a selection checkbox and a refresh icon. The 'Display' group is currently selected. The right side of the interface shows the configuration history for the selected device, listing various settings like Display Brightness, Display Brightness (Screensaver), Slideshow after, Next image after, Screensaver after, and Screensaver Text, each with a corresponding value and unit. At the bottom, there are buttons for 'Save', 'Discard', and 'Default configuration'.

Figure 4.65 – Define and save the configuration template

- ▶ Enter a name for the template into the “Template name” field.
- ▶ Mark the boxes of each settings group that you want to save in the configuration template.
- ▶ Click on “Save configuration template” and then “Yes” in the confirmation window.
 - The configuration template is created and added to the configuration templates list (see chapter “4.3.12 Configuration Templates”).

4. General overview

- ▶ Select “General overview” to view the following device information.
 - The following window opens.

Device information - GT7 Central Locker

Firmware
 App
 Theme
 Configuration templates
 Request license codes
 Forgot device password

Device configuration
 General overview
 Activity log

General information

Name: GT7 Central Locker
Serial number: 1910000013
Article number: 00919229
Device type: 113
Paired: Yes
Modified date: Sep 12, 2019, 2:01:47 PM

Status information

Firmware version 1.7.16	
Active App	
App name: G7 Central Locker App	
Version: 1.1.1591103214	
Author: GANTNER Electronic GmbH	
Network	
Ip: 10.1.112.59	
Mac: 00:12:08:c1:30:26	
License	
Level: 99	
Open cards: Yes	

Figure 4.66 – General overview of a device

5. Activity log

- Select “Activity log” to view a record of the device activity, e.g., app updated, theme applied, etc., recorded by the cloud.
 - The following window opens.

Device information - GT7 Central Locker

Firmware App Theme <> Configuration templates Request license codes Forgot device password

Device configuration General overview **Activity log**

You can see all activities on device, ordered by date and time. You can filter on these data.

Filters [Clear](#)

06/06/2019 02:29 PM - 06/07/2020 02:29 PM User Event type

User	Date/Time	Event type
1910000013-00919229	Jun 4, 2020, 1:18:35 PM	Configuration updated
1910000013-00919229	Jun 2, 2020, 4:26:55 PM	Configuration updated
1910000013-00919229	May 27, 2020, 3:50:39 PM	Configuration updated
1910000013-00919229	May 27, 2020, 3:49:06 PM	Configuration updated
1910000013-00919229	May 27, 2020, 3:47:49 PM	Configuration updated
1910000013-00919229	May 27, 2020, 3:47:02 PM	Configuration updated
1910000013-00919229	May 27, 2020, 3:46:30 PM	Configuration updated

Figure 4.67 – Activity log of a device

- You can filter the activity log by date/time, user, and event type so the only those activities that match the set filter are shown.

4.3.10 Monitoring - Settings

With the help of device monitoring, the connection status from the G7 device to G7 Connect and the connection status from the G7 device to the management software can be monitored at any level of the project structure. On the “Monitoring - Settings” page, a trigger can be defined to send out a notification (e.g., via email) when an interruption or error to the G7 Connect and/or management software connection is detected. The trigger can be individually configured for all areas of a project.

The connection errors are displayed in the log (see “4.3.11 Monitoring - Logs”) and also displayed as warning signs in the device overview and next to the affected level in the project structure.

- To define a new trigger, select the desired area or sub-area in the project structure for which the trigger will apply.
- Click on “Add new trigger”.

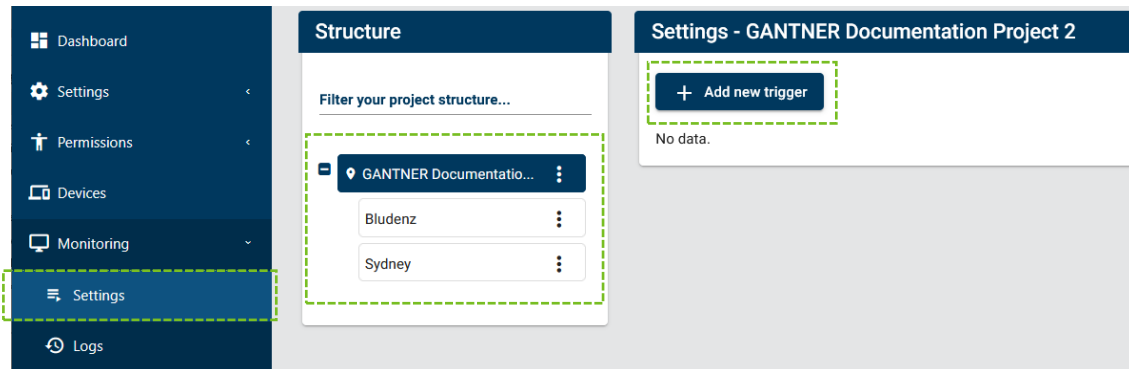


Figure 4.68 – “Add new trigger” button

- The trigger settings are displayed.

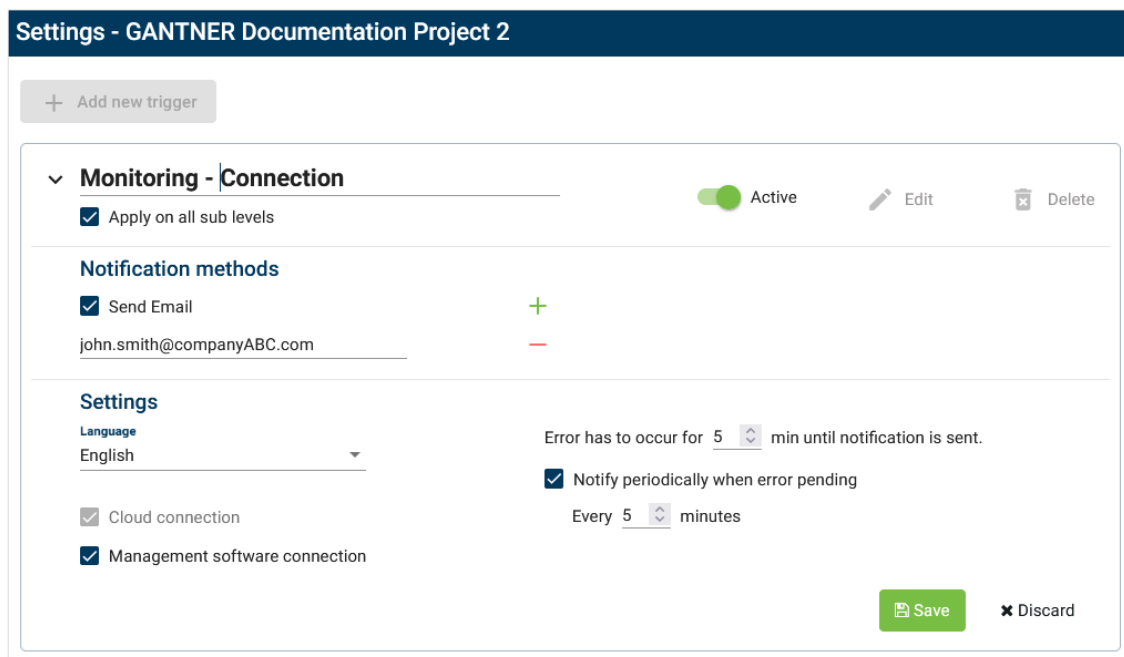


Figure 4.69 – Trigger configuration settings

► Configure the following settings.

- Name: Enter a name for the trigger into this field (e.g., Area X connection).
- Apply on all sub levels: When this option is enabled, the trigger is applied for all sub-areas of the area selected in the project structure.
- Active: A green “Active” switch means that the trigger is enabled, and the connection will be monitored.
- Notification methods: Enable this option to send notifications via email if an error occurs. At least one address is required. Additional email addresses can be added via the “+” symbol.
- Language: Select the language that will be used to send the notification email.
- Cloud connection: This option cannot be disabled; errors concerning cloud connections are always monitored when the trigger is active.
- Management software connection: Enable this option to monitor the connection to the management software (e.g., Relaxx) or a club management software.
- Error has to occur for x min until notification is sent: This setting defines the delay (in minutes) before the first notification is sent after an error occurs. If the error is resolved within the delay time, no notification is sent.
- Notify periodically when error pending every x minutes: If the error is not resolved after the first notification is sent, the notification is resent every number of minutes defined here.

► After configuring the settings, click on “Save”.

- The new monitoring trigger is added to the list on the “Monitoring” page, and the following actions are available:



- You can disable or enable the trigger via the “Active” switch, or you can edit or delete the trigger via the respective buttons.

4.3.11 Monitoring - Logs

If a monitoring trigger has been created and is active, an event (e.g., 'Cloud connection lost') is created and displayed here on the "Monitoring - Logs" page.



See chapter "4.3.10 Monitoring - Settings" for instructions on configuring a monitoring trigger.

Date/Time	Node	Device	Status	Message
Dec 21, 2021, 7:24:45 AM	GANTNER Documentation Project 2	Central Locker Desk	OK	Cloud connected
Dec 20, 2021, 5:16:45 PM	GANTNER Documentation Project 2	Zutritt Rezeption	Error	Management software connection lost
Dec 21, 2021, 7:24:45 AM	GANTNER Documentation Project 2	Central Locker Desk	Notification	sent to: leder@gantner.com

Figure 4.70 – Log of connection errors

The log shows when the event occurred ("Date/Time" column), where the event occurred ("Node" column and also shown in the project structure) and at which device the event occurred ("Device" column), and the type of event that occurred ("Message" column).

The status of the event is also displayed via the following status types:



An error has occurred, and the type of error is shown in the "Message" column, e.g., "Management software connection lost".



The error has been resolved, and the type of error is shown in the "Message" column, e.g., "Management software connected".



Whether a notification for the error has been sent and to whom the message was sent (via email) is shown in the "Message" column.

Where the error occurred is indicated via a warning symbol shown next to the area in the project structure:

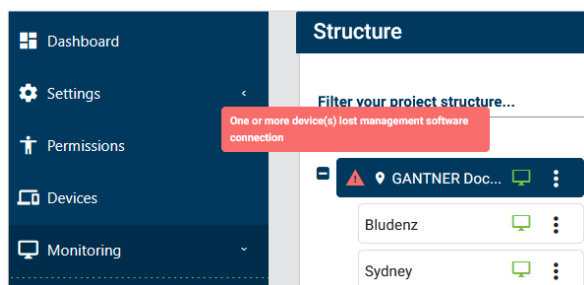


Figure 4.71 – Display of connection error in the project structure



Hover your mouse over the warning symbol to display a description of the error.

The warning symbol is also shown in the project structure on the “Devices” page as well as for the affected device(s).

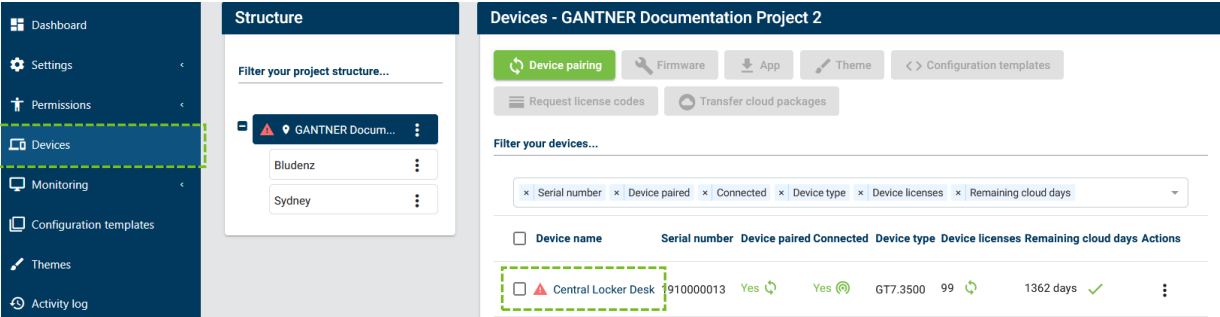


Figure 4.72 – Display of connection error on the “Devices” page

4.3.12 Configuration Templates

When you configure a device, the configuration settings (e.g., display settings, data carrier settings, app settings, etc.) can be saved as a template. Multiple configuration templates can be created and then applied to the devices as required to simplify the configuration process. On the “Configuration templates” page, all the configuration templates that have been created are displayed.

i The configuration templates can be created while configuring the device. See chapter “4.3.9 Device Configuration – Sub Options” for instructions.

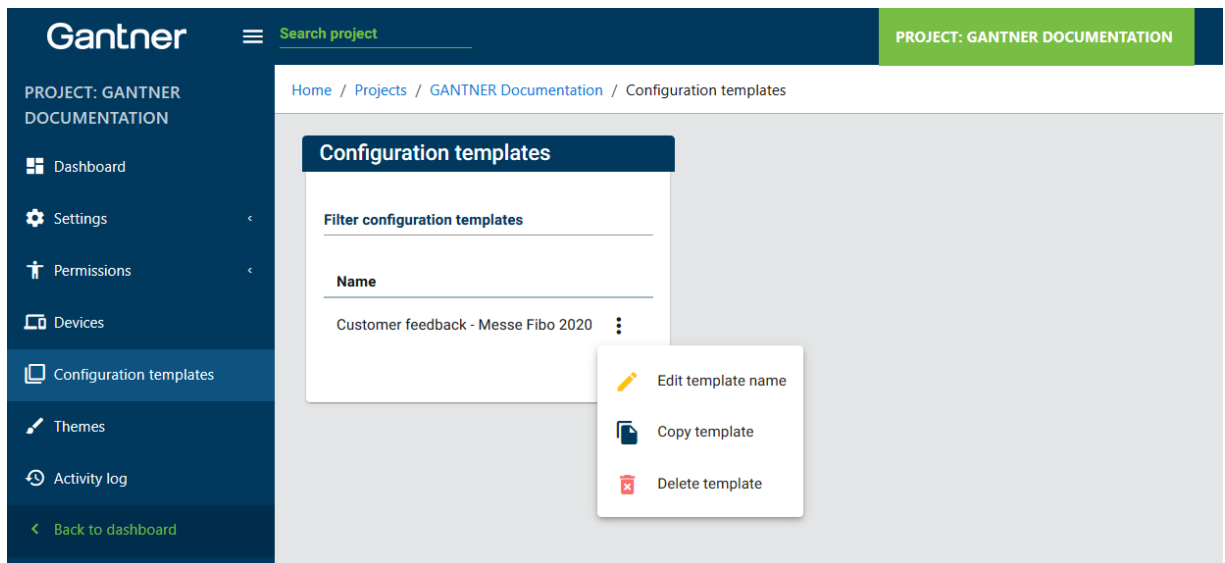


Figure 4.73 – “Configuration templates” page

- To search for a specific template, enter the name of the template into the “Filter configuration templates” field.
- To edit the template name, copy the template, or delete the template, click on the “Actions” menu (⋮) of the respective template, and then select the desired action from the menu.

4.3.13 Themes

Themes allow users to create customized apps for the device to suit individual requirements. Using the tools provided on the “Themes” page, customer-specific apps can be created by modifying an existing GANTNER theme or by defining a new theme. Some typical usage examples include:

1. A GANTNER template is copied and minimal changes (e.g., new background image) are made. The theme is saved as a customized version.
2. A new version of a previously customized theme is created. The previous version is kept if still being used or deleted if no longer required.
3. A completely new theme is created from scratch, e.g., for a customer app.

The following window is displayed after opening the “Themes” page:

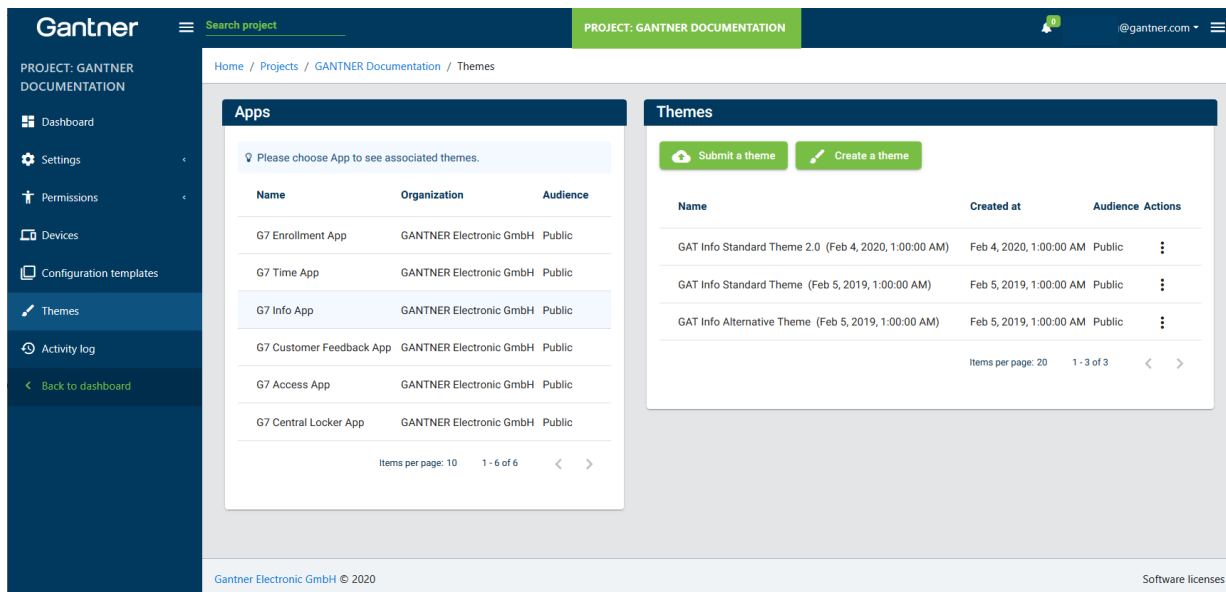


Figure 4.74 – “Themes” page

To the left under “Apps”, all apps that are available in the project are displayed. After clicking on an app, all themes that have been created for the app are displayed to the right under “Themes”.

- Click on the “Actions” menu (⋮) of the respective theme to show the following options:

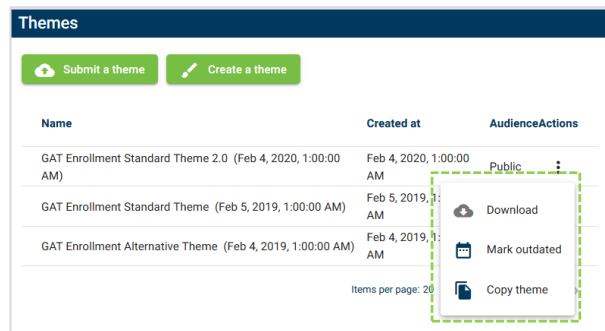
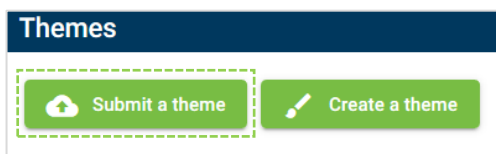


Figure 4.75 – Theme actions

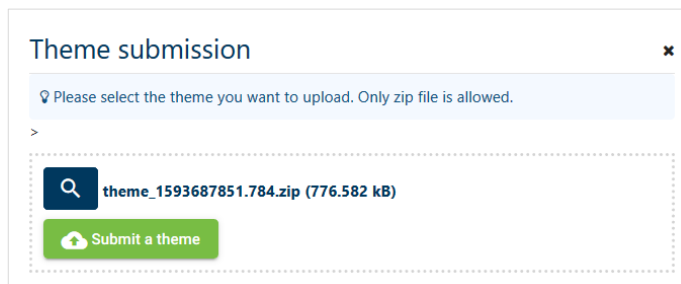
- ▶ Select “Download” to save the theme to your computer as a zip file. Saved theme files can be uploaded to G7 Connect via the “Submit a theme” button as described in the following section “Submit a theme”.
- ▶ Select “Mark outdated” to highlight the theme in gray thereby indicating it as outdated. Themes marked as outdated can still be used in the project.
- ▶ Click on “Copy theme” to open the settings of the selected theme in the theme editor for further editing and saving. In this way, modified versions of existing themes can be created. Instructions for using the theme editor are described below in “Create a theme”.

Submit a theme



This function allows you to upload a theme file from your computer to the project.

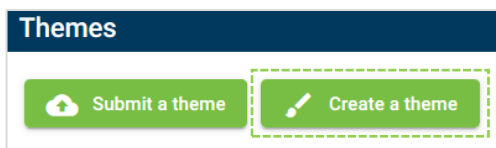
- ▶ Click on “Submit a theme”.
 - The following window opens.



- ▶ Drag the file from your computer to the gray box or click on the magnifying glass icon to locate the file.

NOTE! Only zip files can be submitted.
- ▶ Click on “Submit a theme”.
 - The theme is added to the “Themes” list of the respective app.

Create a theme



This function allows you define the settings for a new theme.

- ▶ From the “Apps” list, first select the app for which the theme is being created.
- ▶ Click on “Create a theme”.
 - The following window opens.

Create a theme

Before you can create a theme, you must select an app, for which you want to create your theme!

Theme name
Custom theme 1

App
G7 Time App - GANTNER Electronic GmbH

Start theme editor

- ▶ Enter a name in the “Theme name” field.
- ▶ Click on “Start theme editor”.
 - The theme editor opens.

PROJECT: GANTNER DOCUMENTATION

- Dashboard
- Settings
- Permissions
- Devices
- Configuration templates
- Themes**
- Activity log
- Back to dashboard

Home / Projects / GANTNER Documentation / Themes / Custom theme 1 / Theme draft

Theme information

Theme name
Custom theme 1

Device screen resolution
480 x 272 (px)

App
G7 Time App

Change app

Images

Thumbnail	Path	Required	Warnings	Actions
No image	background.jpg	Yes		
No image	background_idle.jpg	Yes		

Screensavers

New screensaver

No data.

Styles

Uploaded	Path	Required	Warnings	Actions
No	style.css	No		

Sounds

Uploaded	Path	Required	Warnings	Actions
No	sound/deny.ogg	No		

Custom files

New custom file

No data.

Gantner Electronic GmbH © 2020

Software licenses

Figure 4.76 – Theme editor

- ▶ In the “Theme information” fields you can change the theme name or the type of app that the theme is being created for.
- ▶ In the “Images” field via the “Actions” menu (⋮), upload an image for the background and an image for the background while in idle mode. The images must be of one these formats: .jpeg, .jpg, .png, .gif.
- ▶ In the “Screensavers” field via the “Actions” menu (⋮), you can upload an image for the screensaver. The image must be of one these formats: .jpeg, .jpg, .png, .gif. Animated gif files are also supported.
- ▶ In the “Styles” field via the “Actions” menu (⋮), you can upload a style for the theme in the form of a CSS file, which can be used to define the font, size, color, spacing, etc., of the theme.
- ▶ In the “Sounds” field via the “Actions” menu (⋮), you can upload a sound clip for the theme in the form of a .ogg file.
- ▶ The “Custom files” field allows you to upload other file types to further customize the design of the theme.
- ▶ To save the theme settings, click on the “Save” symbol  and then on “Yes” in the confirmation window.
 - The new theme is added to the “Themes” list of the respective app.

4.3.14 Activity Log

All activity (e.g., app updated, configuration template applied, invited to a project, device deleted, etc.) that occurs for a project is recorded in the activity log, which allows you to know what each user has done in the project (e.g., inviting another user to the project) and when.

Home / Projects / GANTNER Documentation / Activity log

Activity log

You can see all activities on project, ordered by date and time. You can filter on these data.

Filters	User	Date/Time	Event type
User	eg@gantner.com	Jul 2, 2020, 10:04:53 AM	Configuration template updated
Event type	eg@gantner.com	Jul 1, 2020, 11:23:38 AM	Invited to a project
02/06/2020 12:00 AM - 02/07/202	eg@gantner.com	Jul 1, 2020, 10:30:31 AM	License points transferred
	1910000013-00919229	Jun 4, 2020, 1:18:35 PM	Configuration updated
	1910000013-00919229	Jun 2, 2020, 4:26:55 PM	Configuration updated

Items per page: 20 1 - 5 of 5

Gantner Electronic GmbH © 2020 Software licenses

Figure 4.77 – “Activity log” page

- ▶ In the “Filters” area, you can search for a specific user or event type via the drop-down menus.
- ▶ To see more information on an activity, click on the relevant name in the “User” column.
 - The activity information window opens.

NOTE! The information parameters shown here depend on the type of activity.

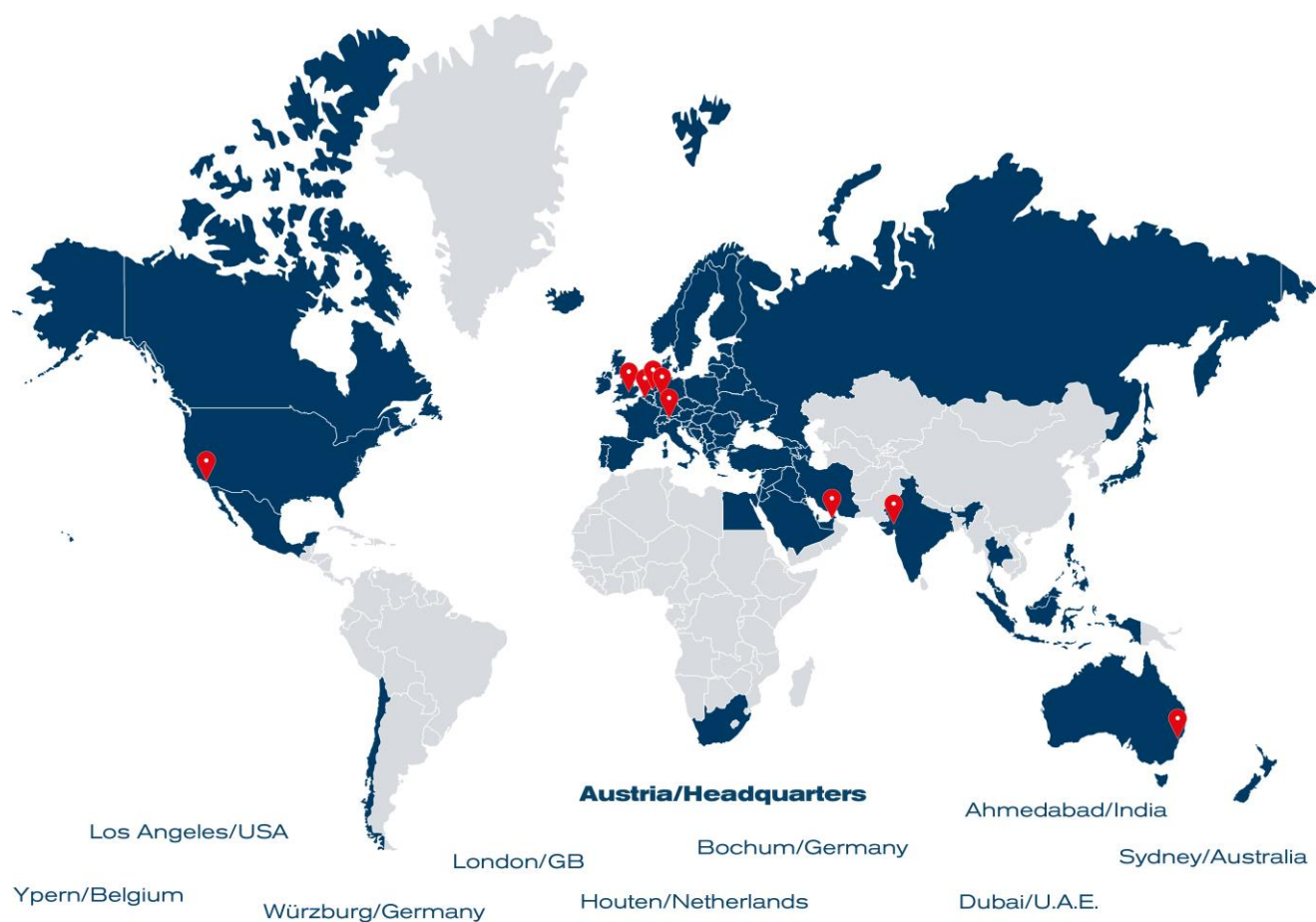
Configuration template updated

Property name	Value before	Value after	User email	User id	Template name	Template id
Name	Customer feedback - Messe Fibo 2019	Customer feedback - Messe Fibo 2020	eg@gantner.com	5d5415c571054f0001fd30db	Customer feedback - Messe Fibo 2019	5e46854995143b00011892f9

Figure 4.78 – Activity information window

NOTE:

This manual is valid as of 19th January 2022. It is subject to change. Amendments can be made without prior notice at any time.



GANTNER operates in over 60 countries worldwide. Please visit www.gantner.com

Nüziders, Austria
info@gantner.com

Houten, the Netherlands
info@gantner.nl

Sydney, Australia
info-aus@gantner.com

London, United Kingdom
info-uk@gantner.com

Bochum, Germany
info-de@gantner.com

Los Angeles, USA
info-us@gantner.com

Ypern, Belgium
info@gantner.be

Dubai, UAE
info-me@gantner.com

Ahmedabad, India
info@gantnerticketing.com

Current contact information: www.gantner.com/locations

www.gantner.com