GANTNER

We organize companies

Networked Locker Locking Systems

Do you want to make the best use of the space available, increase the security and flexibility of your locker system and reduce administration expenses at the same time? Nothing is easier with a networked GANTNER locker locking system.

- Secure and reliable
- Flexible system
- Easy modification of credentials
- Availability 24/7
- Comprehensive overview
- Maintenance free

Networked Locker Locking Solution - GAT NET.Lock System

Eco-friendly

Most batteries contain lead, lithium, and other materials hazardous to the environment and human health. Battery-locking systems require replacements, additional maintenance, and careful disposal of waste.

Because the networked locking system is powered via networked cabling, batteries are not required. A benefit to your bottom line and the environment!

Etwas Gutes tun!

Product Overview

Networked locker locking systems

GAT SMART.Lock

Networked centralized
locking system

GAT NET.Lock

Decentralized locking system
offline variant
with and without LED & USB

GAT NET.Lock

Networked decentralized locking system
online variant
with and without LED & USB

Features of the NET.Lock systems

Stand-alone-function in the sub-controller – „network powered offline lock"

- In the standard firmware a new mode is available, which enables stand-alone operation.
- The configuration of such a sub-controller is done via the RS485 interface with the GAT Config Manager or the MoLA directly at the lock => 1102316 / GAT NET.Controller S Interface Cable USB.
- The up to 24 connected GAT NET.Lock then work identically to the ECO.Locks (full range of functions from 01 2020) whereby a separate mode is possible for each lock (Free Locker, Personal Locker, ...).
- The system can be easily updated by connecting a main controller and then behaves like an online NET.Lock system.
- Support for 125kHz media in all UID modes
- USB and LED support will be possible with the new SUB controllers and USB/LED NET.Locks
- Depending on the controller, a different number of persons and bookings can be stored:

	GAT NET.Controller S 7000	GAT NET.Controller S 7020
Persons per lock at Personal Locker – Programming card mode	10	32
Number of bookings per lock	5	50

GAT NET.Lock – online variant

Networked decentralized locking system – with or without LED & USB

GAT NET.Lock 7xxx with LED & USB

GAT NET.Lock 7xxx

Features and advantages – online variant

- Comprehensive management system: ideal for mid to large-size locker installations
- Locker management software: Relaxx
- Maintenance free: no battery replacements
- In-Locker Mounting: all lock parts are mounted inside the locker
- Intuitive to use: red & green LED display
- Networked alarm: increase security with an integrated, alarmed locker system

- Interior lighting
- USB ports to conveniently charge mobile devices

GAT NET.Lock 7020 with LED & USB

GAT NET.Lock 7xxx

Newest features

With the new NET.Lock system, GANTNER once again confirms its leading position in the field of networked locker locks.

- **USB-ports** on each lock for charging smart devices with up to 2000mA
- **Interior lighting** - LED on the lock to illuminate the cabinet
- **Simultaneous use of data carriers in the 125 kHz range** and the previous 13.56 MHz technologies
- **Even greater reading range**
- **No mechanical switches in the complete lock mechanism**
- **Locking option without motor activity thanks to new snap function**
- **Universally expandable, investment-safe system** that can also adapt to changing customer requirements. If you start with a simple, reduced stand-alone operation, you can expand it at any time to a fully integrated, cloud-ready high-end solution.

The implementation of the latest innovations is unique on the market up to now.

GAT NET.Lock 7xxx

Hardware components

**GAT NET.Controller M 7020
Main Controller**

GAT NET.Lock 7020

**GAT NET.Controller S 7020
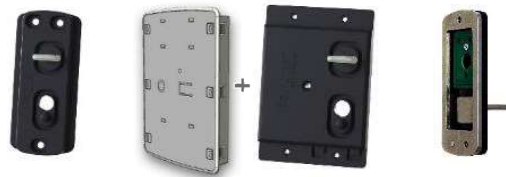Sub Controller**

GAT NET.Lock 7xxx

Hardware main components

GAT NET.Lock 7020 & USB/Light

GAT NET.Lock Bolt Set 7120/7220/7320

GAT NET.Power Supply 7020 100-240V 36W or 90W for USB-Controller

GAT NET.Controller M 7020 (Main Controller)

GAT NET.Controller S 7020 (Sub Controller)

GAT NET.Power Cord EU / UK / AUS / US / IND

GAT NET.Lock Cable - 5m

GAT NET.Lock Cable Extension - 3m

GAT NET.Lock 7xxx

Layout

1 ......LAN Network
2 ......Lockers
3 ......RFID data carrier
4 ......Bolt set (GAT NET.Lock BoltSet 7xxx)
5 ......Front label
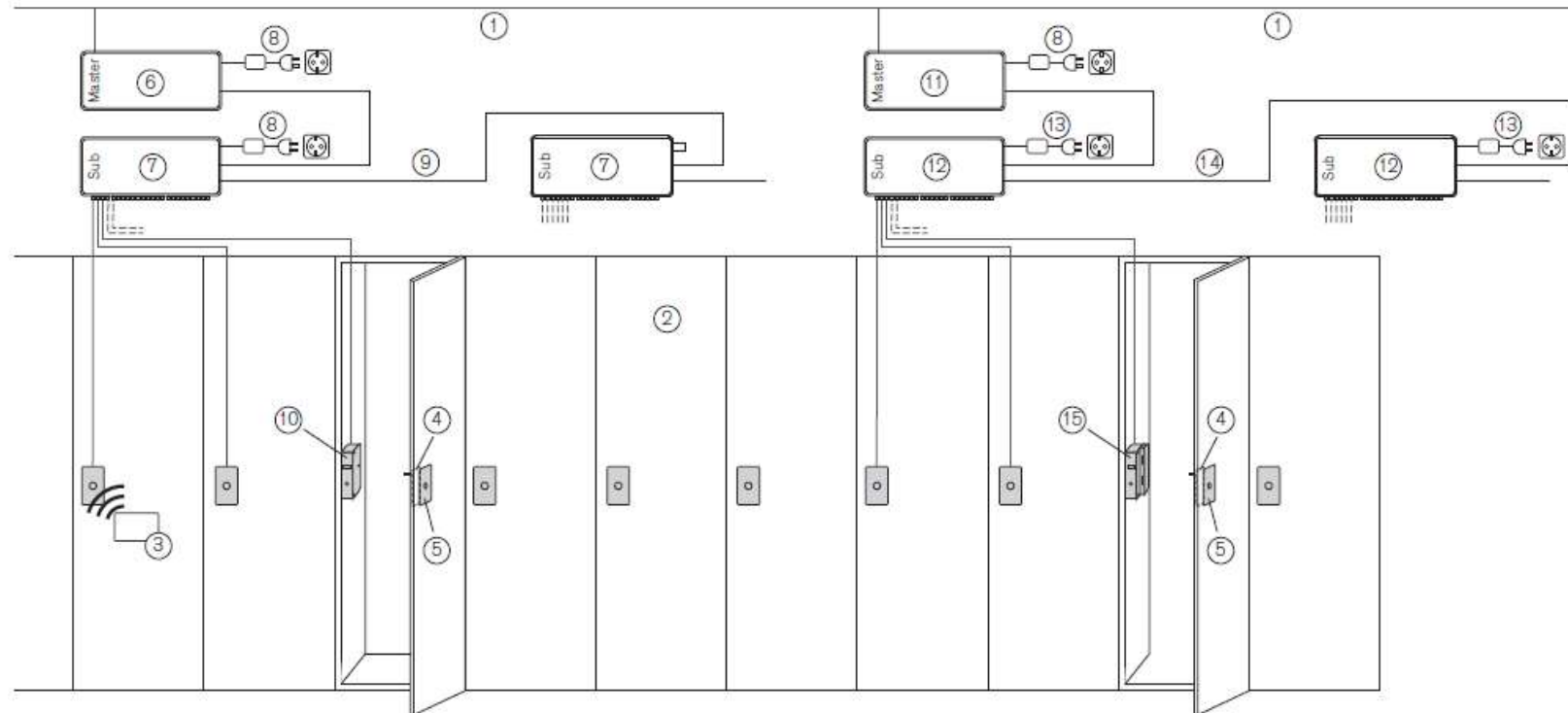
Different variants of GAT NET.Lock locks and controllers can operate in combination:

6 ......Main controller 7020 or 7000
7 ......Sub controller 7020 or 7000
8 ......GAT NET.Power Supply 7020 (without "USB") or 7000
9 ......RS-485 + power
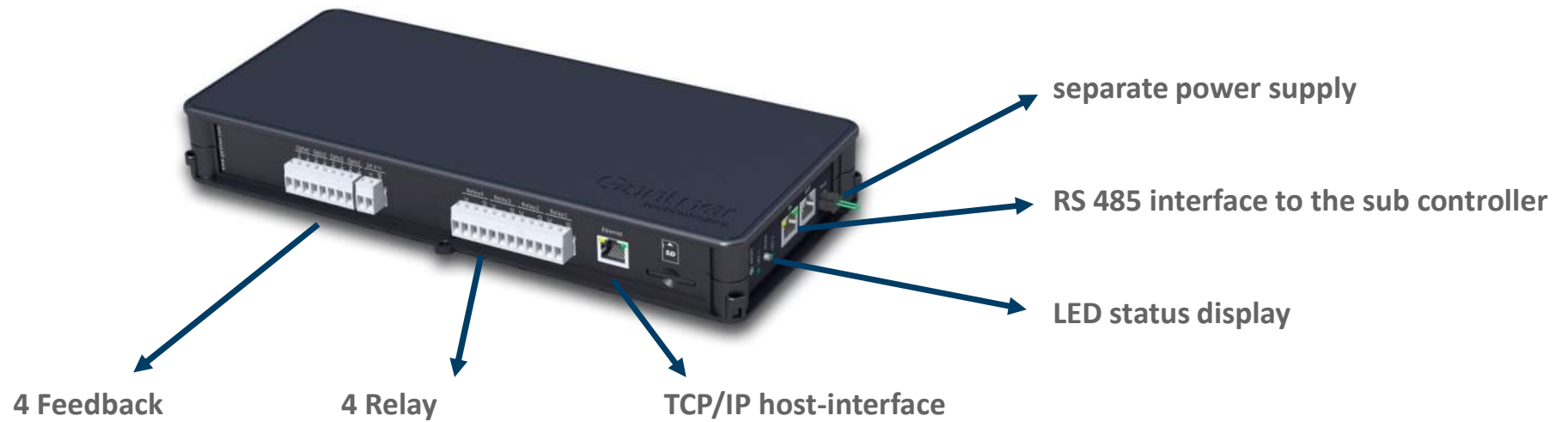10 ...GAT NET.Lock 7020 / 7020 P or GAT NET.Lock 7000

To use the USB and LED function, the GAT NET.Lock 7020 USB (P) and the following combination of controllers and power supplies must be used:

11 ...Main controller 7020 or 7000
12 ...Sub controller 7020
13 ...GAT NET.Power Supply 7020 USB
14 ...RS-485 (without direct power, each sub controller needs its own "USB" type power supply)
15 ...GAT NET.Lock 7020 USB or 7020 USB P

GAT NET.Controller M 7020
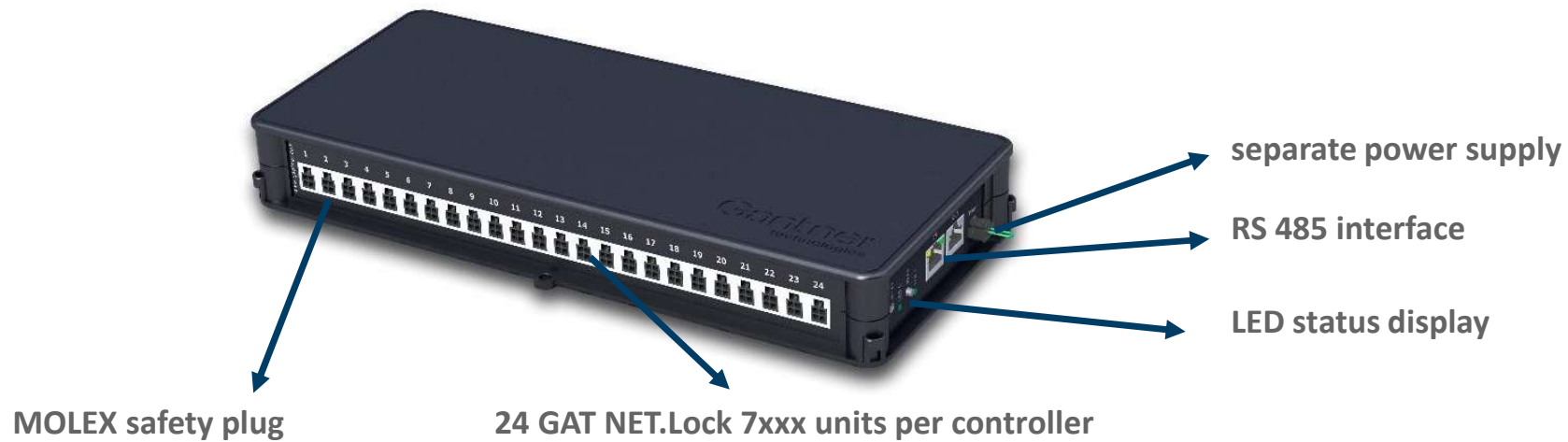
Main controller: highlights

- Up to 8 GAT NET.Controller S 7020 per GAT NET.Controller M 7020
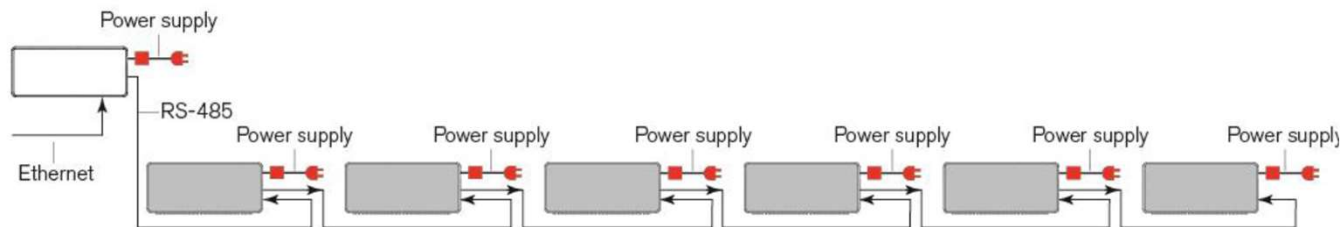- Firmware update via host interface possible

separate power supply

RS 485 interface to the sub controller

LED status display

4 Feedback   **4 Relay**   **TCP/IP host-interface**

GAT NET.Controller S 7020

Sub controller: highlights

- GAT NET.Controller S 7020 B for LEGIC® Prime / Advant & MIFARE® & ISO 15693 & HID 13,56 MHZ
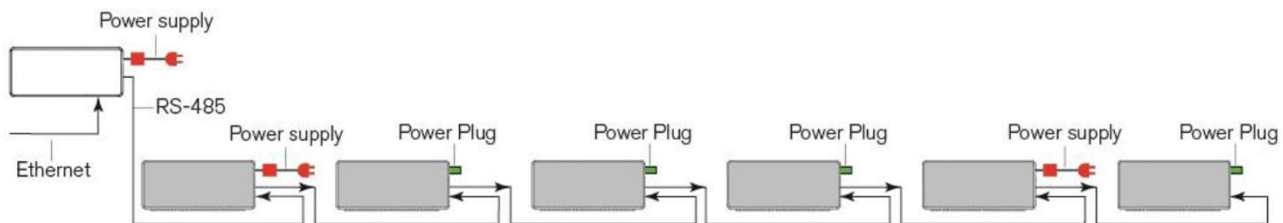- Firmware update via host-interface possible

separate power supply

RS 485 interface

LED status display

MOLEX safety plug

24 GAT NET.Lock 7xxx units per controller

GAT NET.Power Supply

GAT NET.Lock 7020 USB/Light (P)

GAT NET.Lock 7020 (P)

☐ = GAT NET.Controller M 7020 (Main Controller)

▓ = GAT NET.Controller S 7020 (SUB Controller)

Controller installation
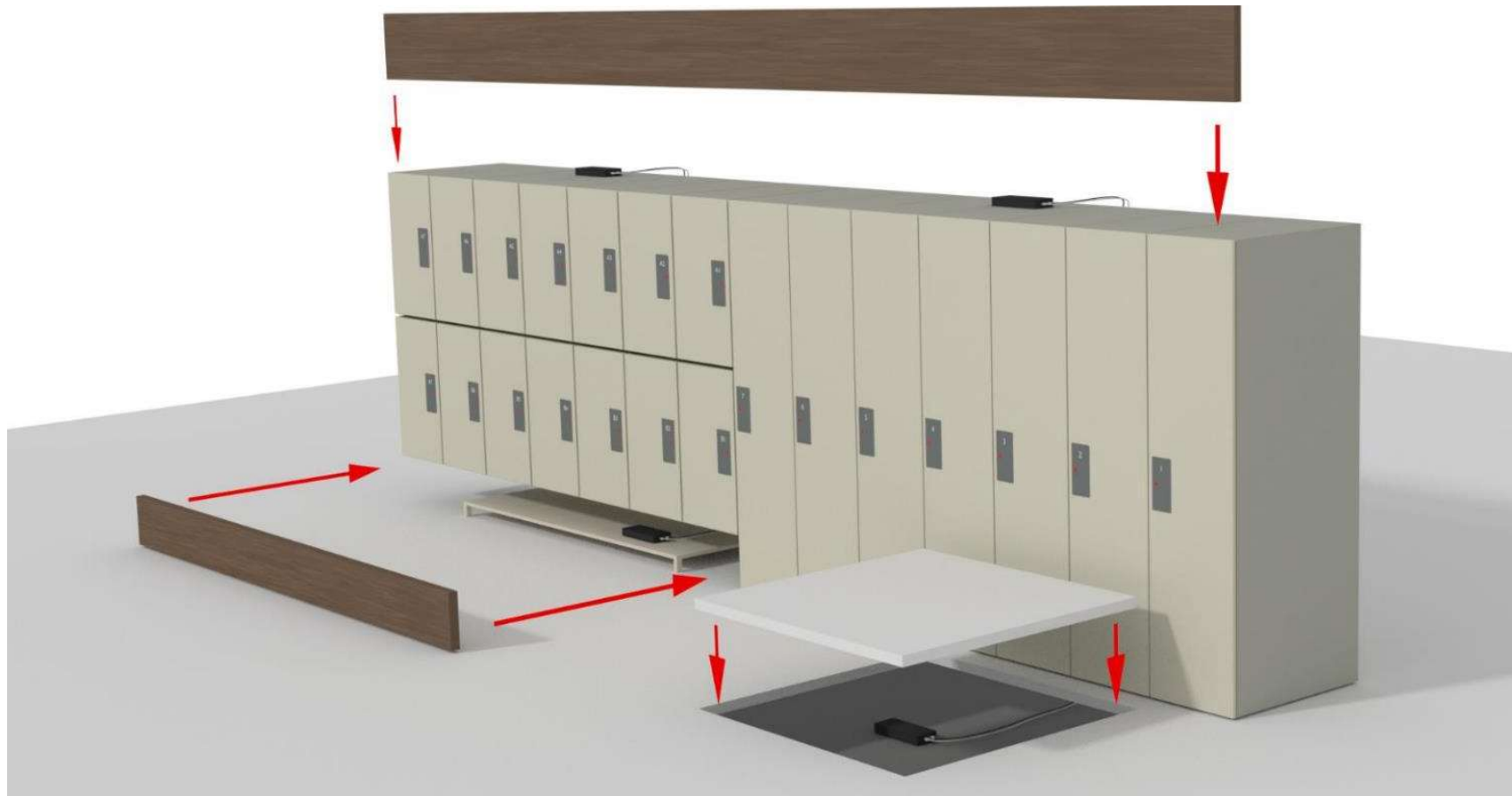
GAT NET.Lock 7xxx

Lock and bolt components

Bolt set with integrated booster

LED for status display

GAT NET.Lock 7020

GAT NET.Lock Cable

to the controller

GAT NET.Lock 7xxx

Installation – lock and bolt mounting

- Different door bolts for different door materials
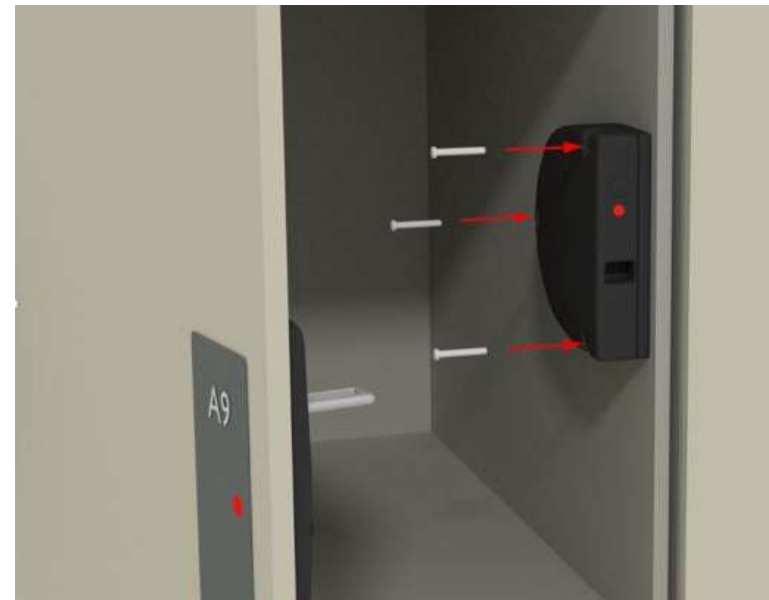
GAT NET.Lock
BoltSet 7120

Non-metal doors

GAT NET.Lock
BoltSet 7220

Metal doors

GAT NET.Lock
BoltSet 7320

Glass dorrs

Lock and bolt

Multiple Locker Modes

Decide and control how lockers are used – the three main modes

FREE	**PERSONAL**	**DYNAMIC**

- Free selection of a locker
- After opening available for all

- Fix assignment to one or more users (shared)
- Example: postal boxes

- Automatic assignment: first Freelocker, after first closing Personal Locker

Multiple Locker Modes

Decide and control how lockers are used - the three modes in connection with the Relaxx

| **RESERVABLE** | **TIME-LIMITED** | **DURATION-FUNKTION** |

- Allocation for future use
- Example: external visitors

- Time limits
- Example: certain time window in which the cabinet can be used, 8 am to 5 pm

- Time limits
- Example: day and night shift

Management Software & Apps

Modular solution for your company

Relaxx

Management software for GANTNER locking systems

Locker Management Software

Relaxx

Locker management software

- Powerful software for configuring and managing locker locking systems
- Open interface for data import/export and third-party integration
- Reports: supply a deep insight into used lockers
- Utilization monitor: capacity utilization monitoring in real time
- Web interface: easy administration, independent of location or operating system
- Server-client system
- Event logging and email notification
- Integrated reservation system
- Pre-locking/closing function
- Maintenance mode
- Alarm signaling – various notifications available

Relaxx WEB UI

Web-based locker management

Relaxx

Locker usage statistics

Locker details

English UK ▾

19-N104 - 1

Locker actions

[Open locker]

[Disable locker]

[Set maintenance]

🔓 Dec 6, 2016
3:20:06 PM
LAST OPENED

🔒 Dec 6, 2016
3:20:14 PM
LAST CLOSED

📊 4226481032
CARD IN USE
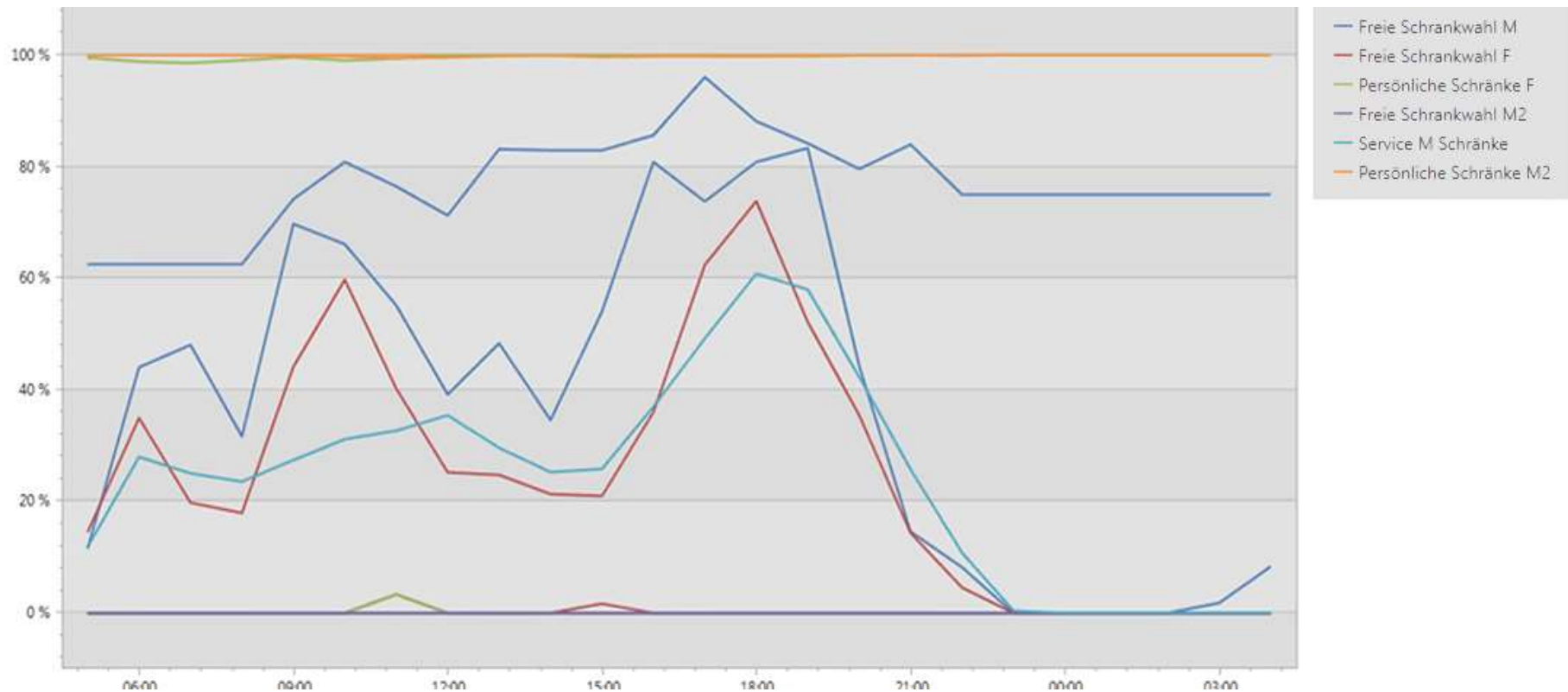
📊 525
CLOSE
COUNTER

Secondary states

No secondary states

Person in use

First name: Gerhard
Last name: Pichler
Valid from: Dec 6, 2016 11:52:13 AM
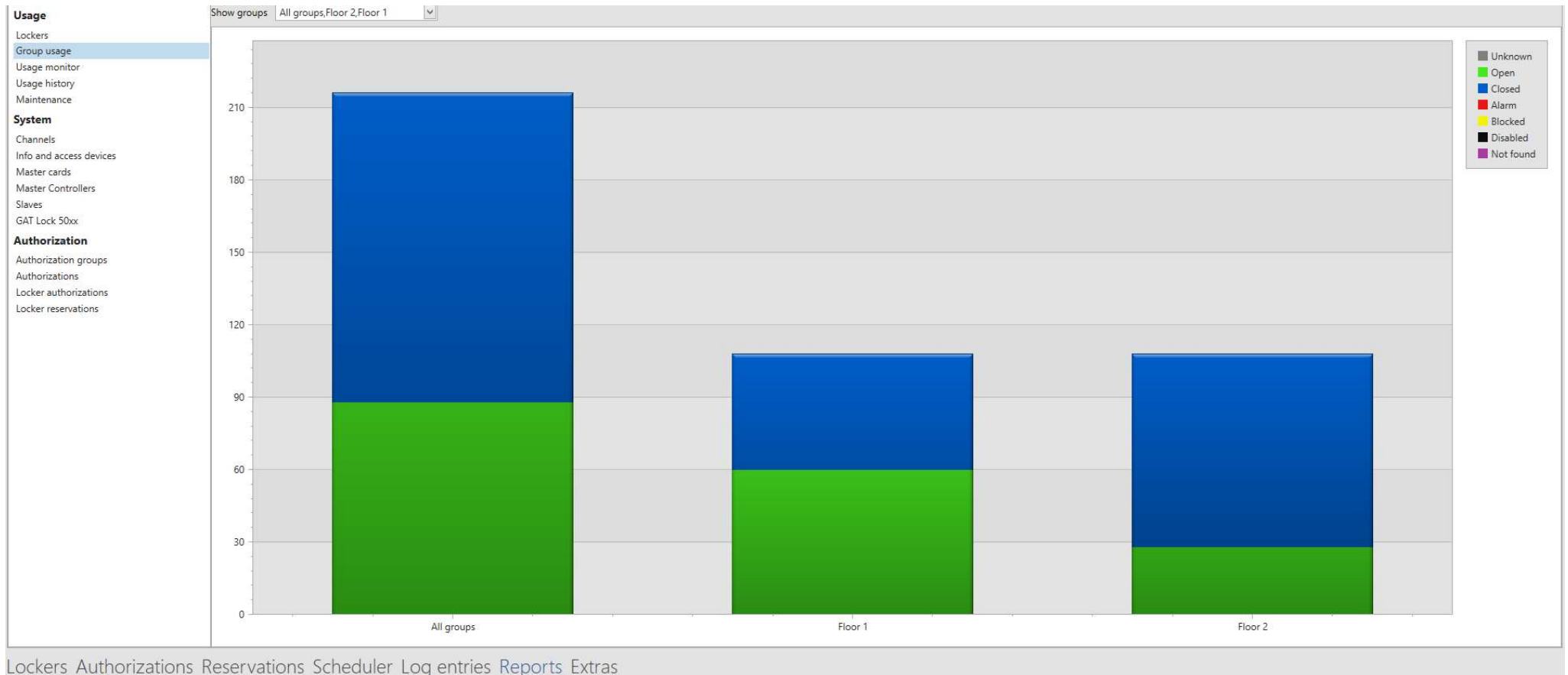Valid until: Jan 1, 10000 12:00:00 AM

Relaxx

24-hour usage report

Legend:
- Freie Schrankwahl M
- Freie Schrankwahl F
- Persönliche Schränke F
- Freie Schrankwahl M2
- Service M Schränke
- Persönliche Schränke M2

Relaxx

Group usage display

Relaxx

Locker usage view

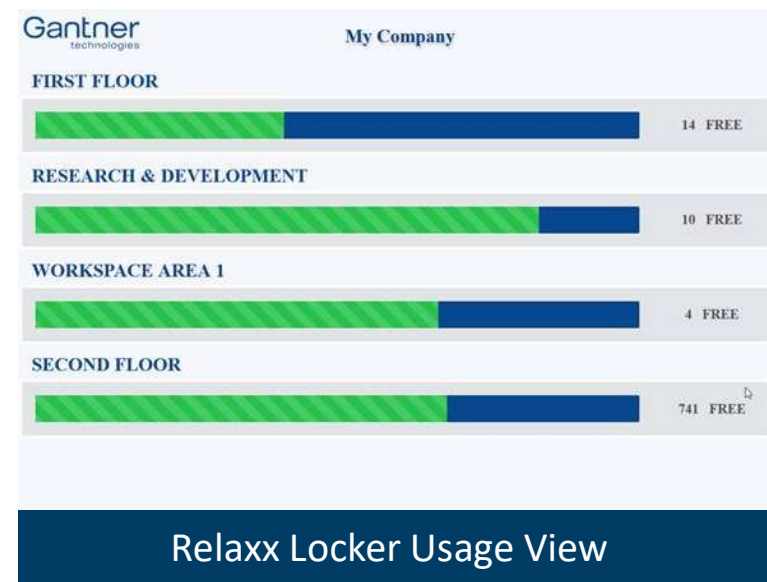**Headquarters - Main Entrance**

FLOOR 1

60 FREE

FLOOR 2

28 FREE
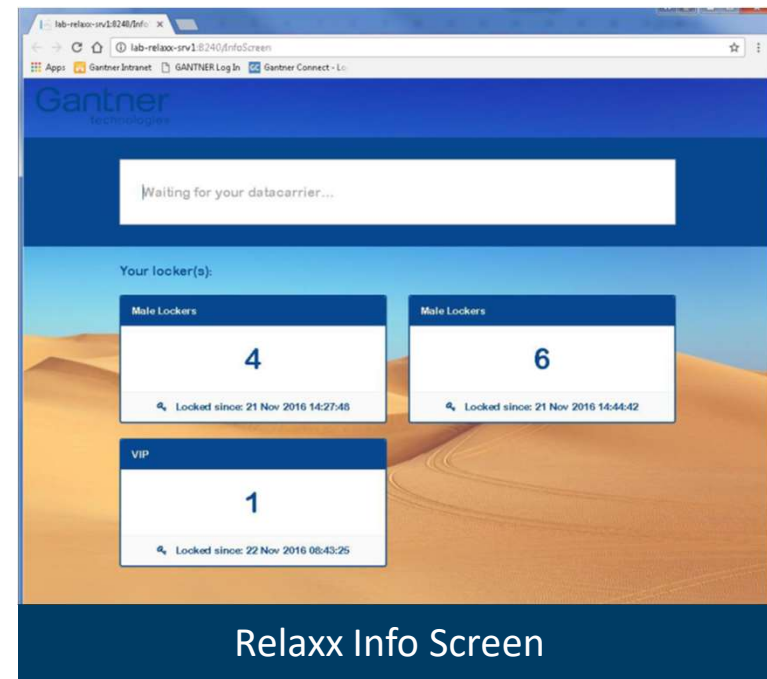
Relaxx

Locker usage view

- Available on any web-enabled device
- Freely configurable e.g. floors / rooms
- Color display changes with the workload
  - At 80 % in yellow - almost fully utilized
  - At 100 % in red - fully utilized

Relaxx Locker Usage View
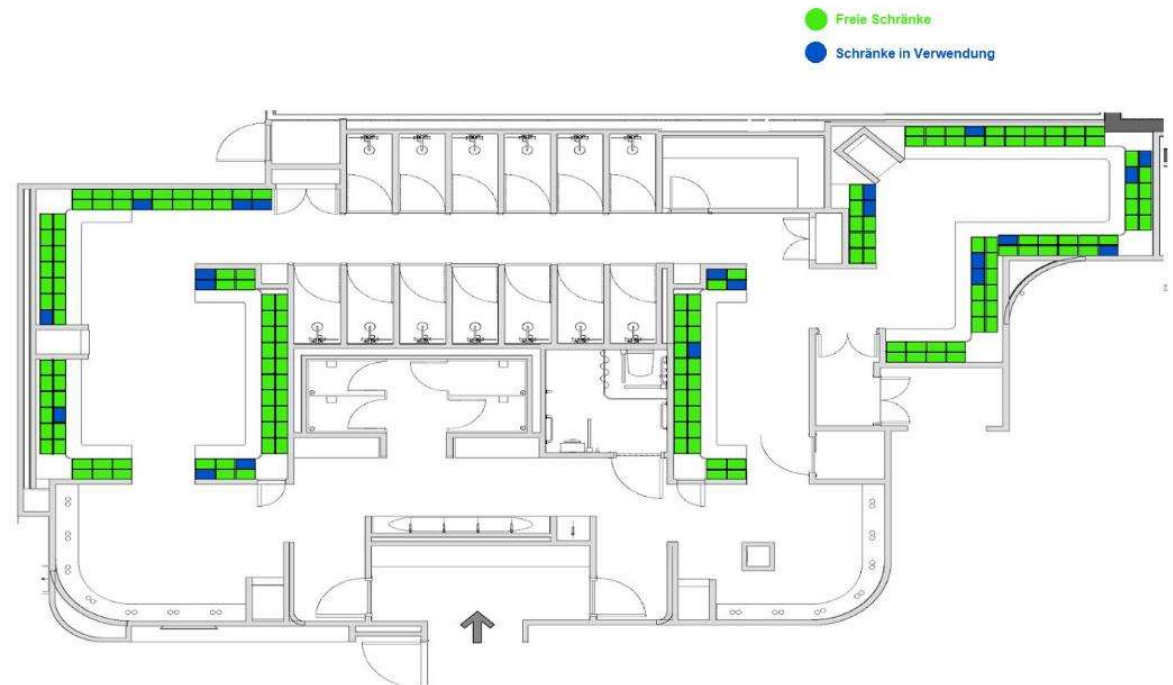
Relaxx

Info screen

- Display on any web enabled device
- Reading of cards with Human Interface Device (HID) - capable reader e.g. GAT Writer 7000, HID®-reader
- Reads the UI from the card
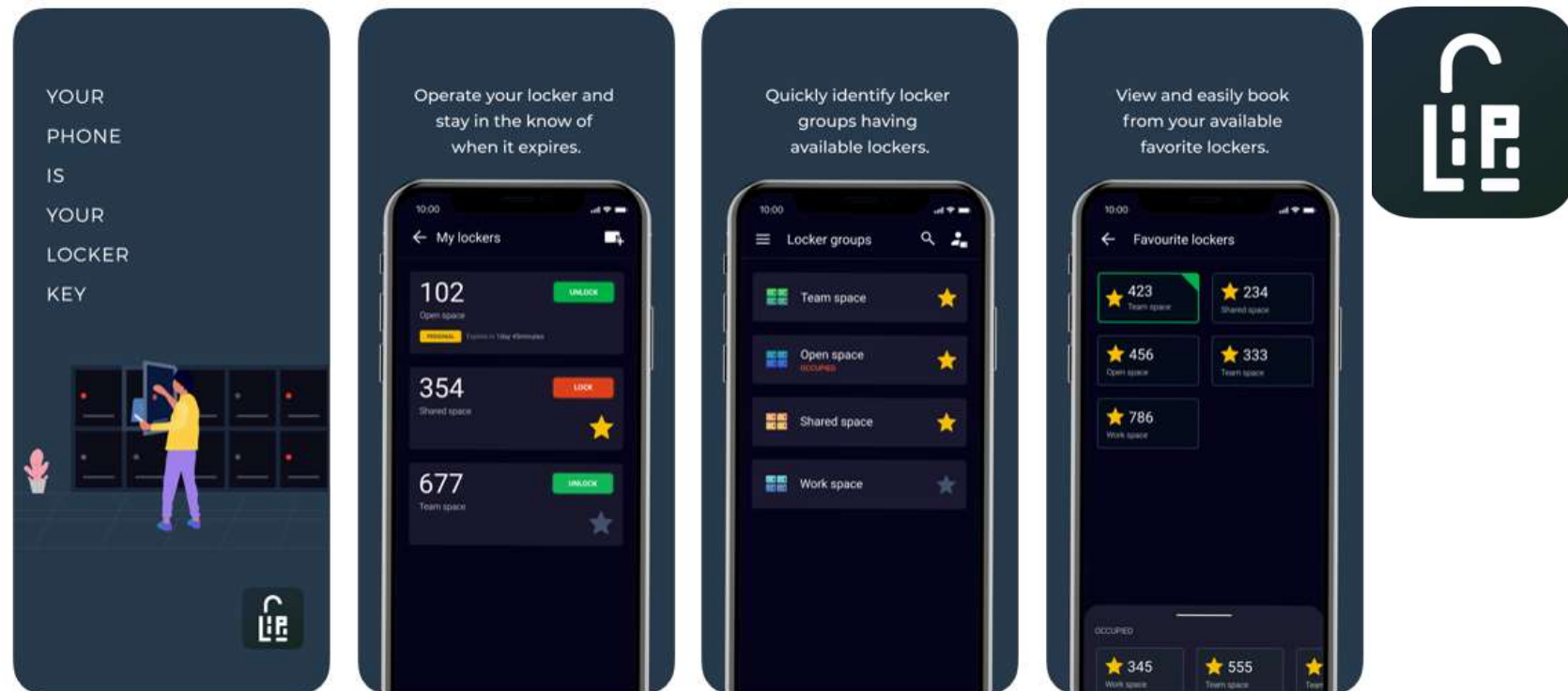- Displays the locked locks

Relaxx Info Screen

Relaxx

Floorplan

- Real-time cabinet status
- Runs on any device with a browser (e.g. SmartTV)
- Each monitor can display its own area
- Dedicated access to the Relaxx database
  (No impairment of the Relaxx performance)

Freie Schränke
Schränke in Verwendung

LockPal

The smartphone as key replacement

YOUR
PHONE
IS
YOUR
LOCKER
KEY

Operate your locker and stay in the know of when it expires.

Quickly identify locker groups having available lockers.

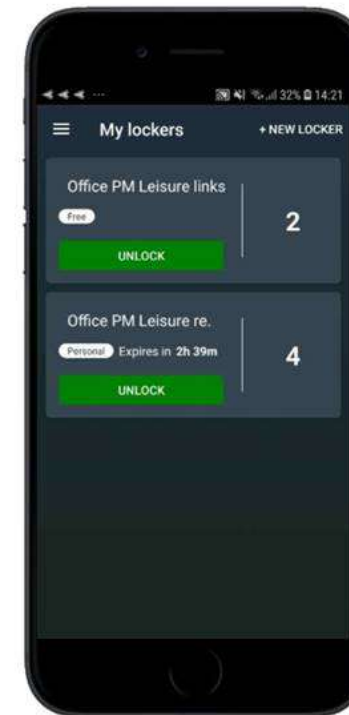View and easily book from your available favorite lockers.

LockPal

LockPal

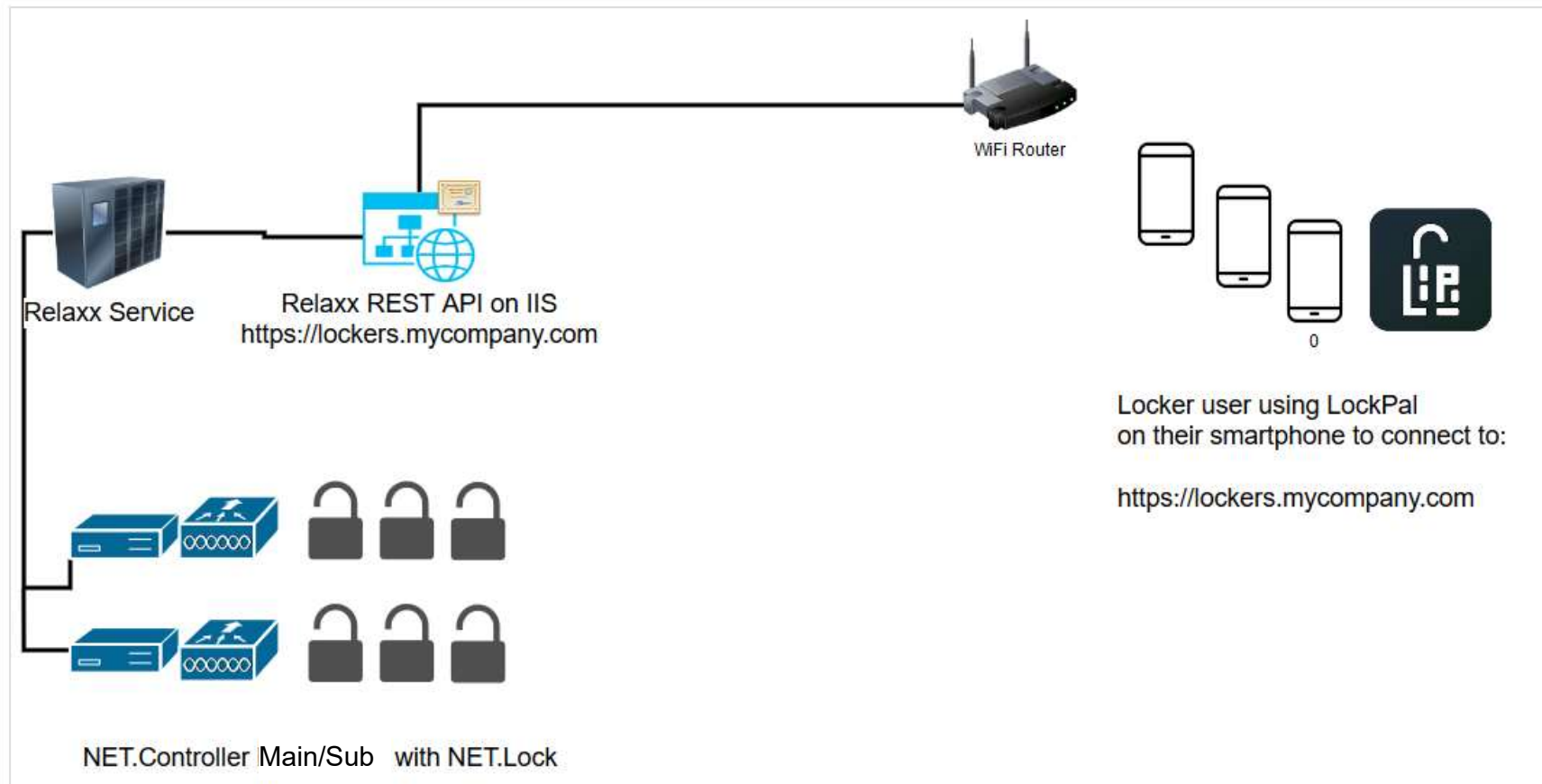## Networked-based usage of NET.Lock lockers

LockPal offers:
- Find available lockers fast
- Select the suitable locker
- Comfortable access to your locker
- No waiting times anymore
- More conform for you
- Operate locker with your smartphone. No need to carry employee ID/membership cards

- REST-API
- GAT NET.Lock 7xxx support
- Android and iOS

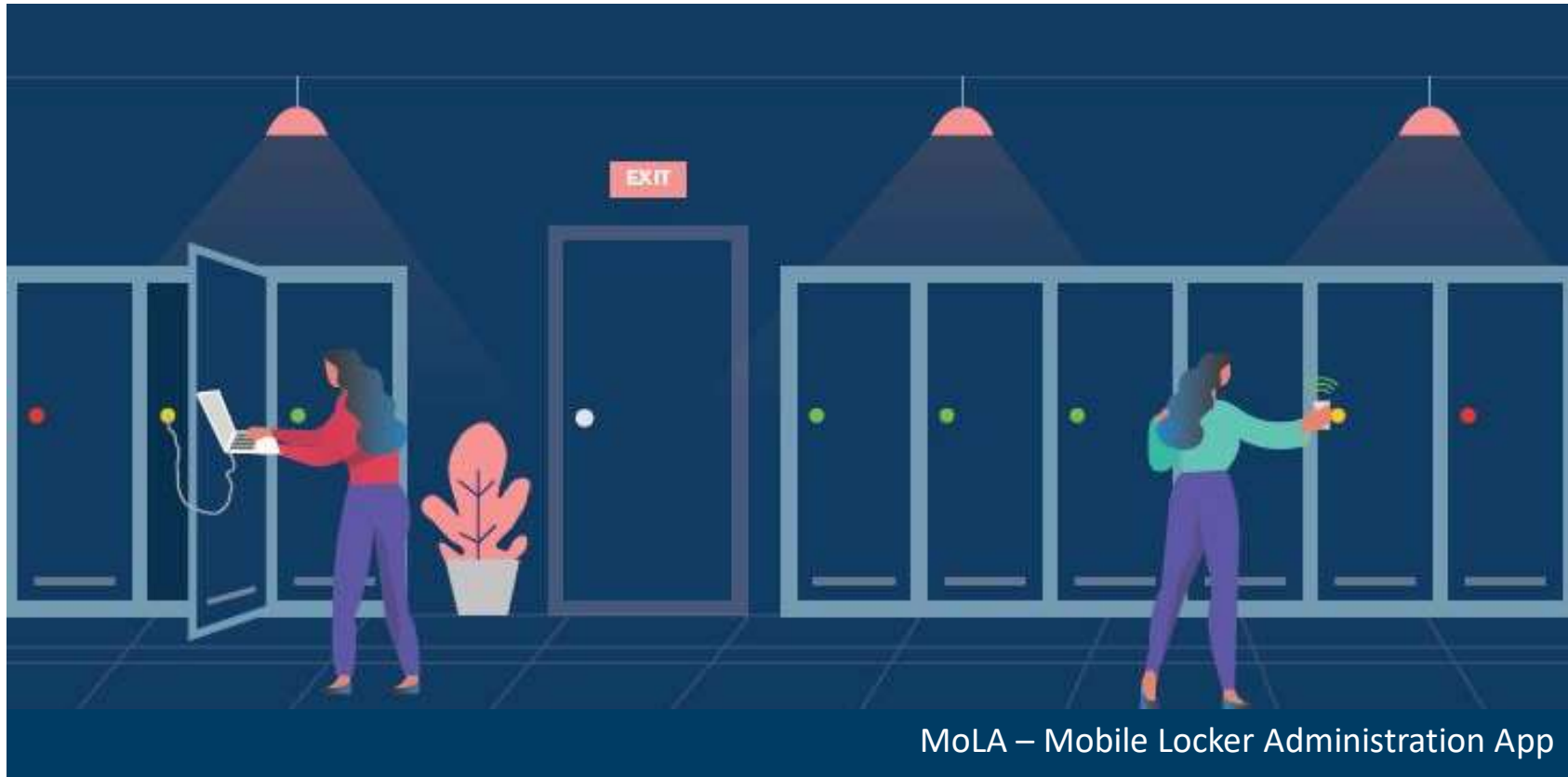**Relaxx goes mobile with the LockPal App**

LockPal

Relaxx with LockPal - structure

Relaxx Service

Relaxx REST API on IIS
https://lockers.mycompany.com

WiFi Router

Locker user using LockPal
on their smartphone to connect to:

https://lockers.mycompany.com

NET.Controller Main/Sub   with NET.Lock

MoLA

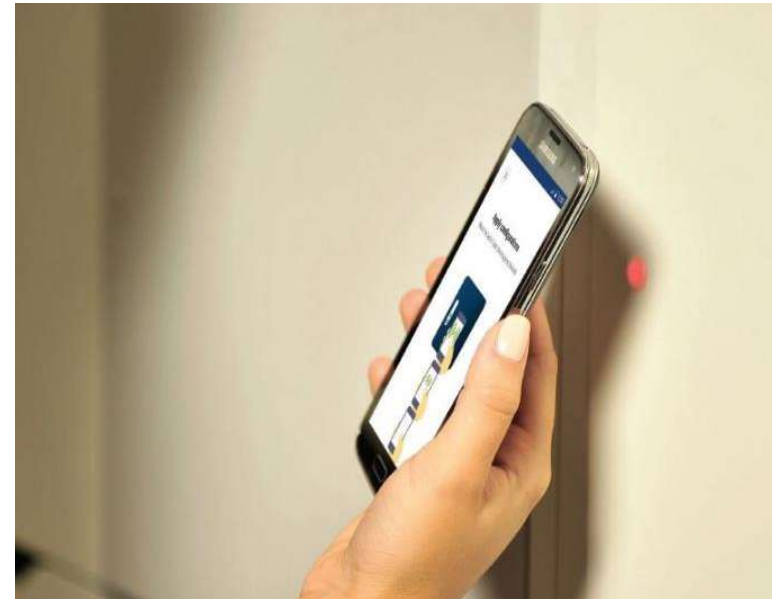The smart and fast way to configure battery locks

MoLA – Mobile Locker Administration App

MoLA – Mobile Locker Administration App

Battery-operated locking systems

The easiest way to configure locks:
- Lock configuration via smartphone
- Very fast, easy configuration
- Simple and convenient
- Safe and reliable
- Manipulation-proof by necessary release with the APP key
- Update of permissions in Personal Locker - Programming Mode in combination with Relaxx

MoLA – Mobile Locker Administration App

New possibility to configure battery locks

- NFC-based configuration for Android-smartphones
- No cable or notebook required
- Configuration of the closed locker
- Fast configuration
- Bulk configuration
- Reading event logs
- Time synchronization
- No service card/badge required
- Authentication via APP-Key

- ECO.Lock, ECO.Side Lock and GL7p-support
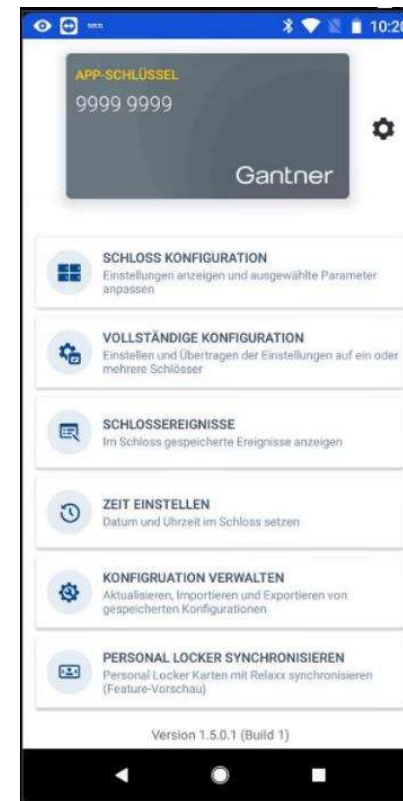
Related Products

Access, Info, Time, Cashless Payment

GT7 Terminal: Multi-Functional RFID Terminal

Access, Info or Time function

GT7

GT7: Multi-Functional RFID Terminal

Access, Info or Time function

- Clearly laid-out 4,3" color display with intuitive touch screen, with or without fingerprint reader
- Innovative app concept that allows customer to choose how he wants to use the device – as access, time or info terminal
- Easiest installation and comfortable plug & play initiation
- Contactless RFID reader for all common technologies, including NFC data carriers, smartphones via app
- Change of function is possible at any time without hassle
- Power supply via ethernet (PoE)
- Integrated speakers for user feedback
- Modern, slim design, **Red Dot Award** winner

GT7 Terminal

GT7: Info Terminal

Display of locker and visitor information

Forgot your locker number? No problem! At GANTNER info terminals specific information on the data carriers (card, wristband, smartphone, key tag) can be read.

- Secure display of forgotten locker numbers
- Display of visitor information and balances

GT7 als Info Terminal

GT7: Time Terminal

Display of time countdown

You have an end-of-trip facility? You want to give your employees the most comfort after they, for example, jogged to work? The GT7 Time terminal ensures that no water is wasted.

- The water runs only for a certain – from you defined – amount of time
- Keep an overview of the usage of the end-of-trip facility
- Support employees to live an active lifestyle
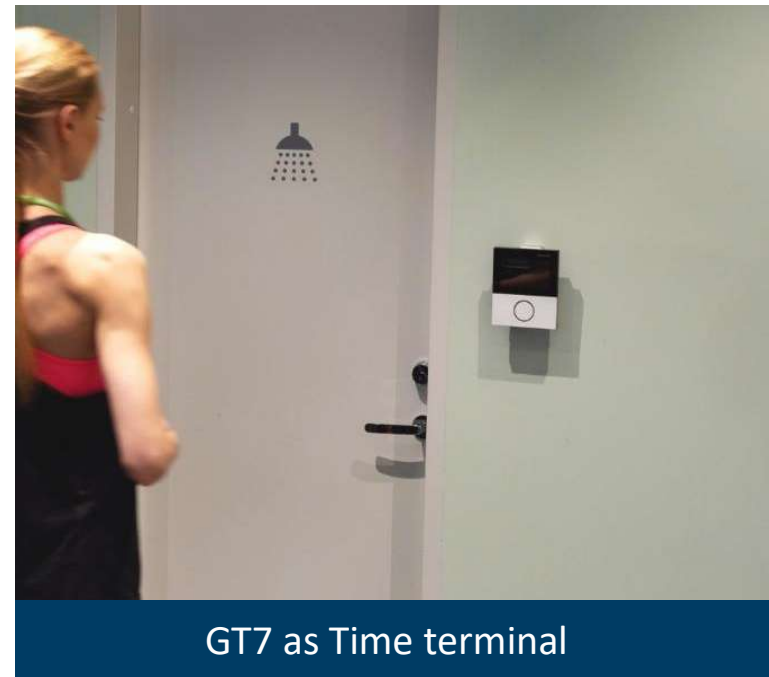
GT7 as Time terminal

GT7: Access Terminal

Electronic access control

A well organized and controlled entry to company buildings, offices, and premises ensures security and creates trust

- Secure authorization assignment
- Extensive overview
- Availability 24/7

GT7 as Access Terminal

Electronic Access Systems

Access with various data carries in the security segment

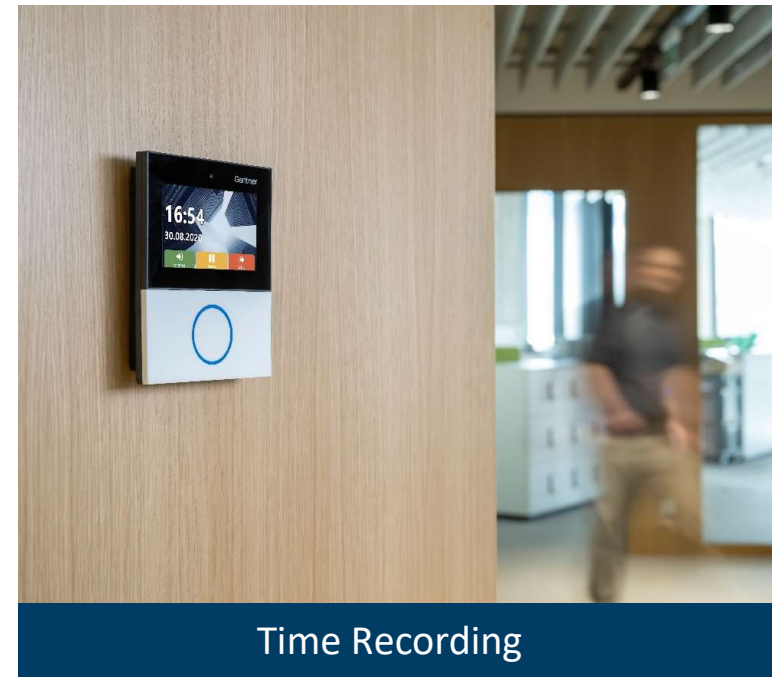| Key Tag - Chip | Employee ID | PIN-Code | Fingerprint |

GT7: Time Recording

Efficiency is a matter of time

Transparent time recoding and administration are essential in every company. But modern time recoding devices can do more than record presences and absences: they combine time with security and efficiency.

- Individually adaptable
- Multilingual
- Open interfaces

Time Recording

Time Recording Combined

- Besides display of general information (e. g. personal time account) the time recording can also be an important building block for access control systems.

- A "coming" booking can grant access, a "going" booking takes away the access authorization.

- Various interfaces allow integration of the GANTNER devices into your time recording software or in a to an HR-system (e.g. SAP HR).

Cashless Payment

With the contactless chip-technology, cashless payment becomes available in companies. In the cafeteria, at vending machines or the company internal shop payment with card or chip is now possible. Easy, comfortable, around the clock.

- Saves time
- No cash handling
- Secure and reliable
- Reduction of personnel costs

Bargeldloses Bezahlen

Cashless Payment

Application examples

Vending machines from all manufacturers

Recharging with cash and debit cards

Cafeteria on- & offline system

Thank you for your attention!