# TAN∭mode

Code generation via TANmode-Cloud-Server
(256-bit encryption)

# BeCode®
## KEYLESS LOCK SYSTEMS

DESIGNED AND MANUFACTURED IN GERMANY

# TANmode

Code generation via TANmode-Cloud-Server
(256-bit encryption)

# The automated and adjustable random code made by BeCode®

Most people are familiar with the word TAN from somewhere or other, but what does it mean exactly?
A transaction number (TAN) is by definition a one-time password, usually consisting of six numbers and primarily used in online banking. BeCode has found a way to make this system even better. The automated and adaptable random code made by BeCode.

TANmode is the additional and special software for BeCodes EVO+, PAD and miniPAD. An innovative locking system with automated and adjustable random codes made by BeCode. TANmode is most suitable where complex locking systems are being utilized and is adaptable to the individual requirements of a company. TANmode is easy to operate and efficient, a contemporary solution for increased security.

The TAN method is innovative and only available at BeCode. In simple terms, TANmode is the software; BeCode is the hardware. Depending on the locking system and individual requirements, you need the complex and highly encrypted TANmode software in a programmed version that is tailor-made based on your needs. As far as hardware is concerned, it is all the same: Whether you use BeCode EVO+, BeCode PAD or miniPAD.

TANmode provides you with a system that is easy to use and efficient at the same time. Entering codes with the push of a button saves administrative time; it reduces service and maintenance of your locking system. The more the size of your company increases, the more your buildings expand, the more people have access to your facilities... TANmode makes life easier and steps up security. How? By simply allocating new codes on a regular basis. TANmode makes it as easy as child's play.

## Application areas

TANmode is well suited for permanent or frequently changing users.
Extremely easy administration with our intelligent system. TANmode is a perfect solution for

- Offices with no fixed workplace assignment
- Changing rooms in sport facilities (e.g., gyms, fitness studios, public swimming pools)
- Changing rooms, in which personnel swap their lockers during work shifts
- In-room safes, e.g., in hotel rooms
- package stations

- lockboxes and lockers in
  - public buildings (schools, government offices, etc.)
  - shopping centers
  - hospitals or facilities where visitors or customers should have only occasional and limited access (for example in airports, train stations, museums, etc.)
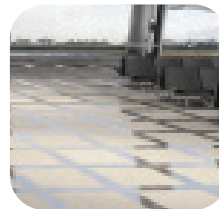
Your additional benefits …

- No need for cabling or electrical installation
- Free from electrosmog
- Visual signals show whether a locker is available
- Individual, expandable locker modules

With the help of TANmode you can find the ideal solution to operate your locking system.
Manage your administration efficiently.

You want to know how it operates?
We inform you about our innovate TANmode service packages
BASIC • STANDARD • ADVANCED • SELECT

| Basic | Standard | Advanced | SELECT |
|---|---|---|---|
| - online locker administration | - online locker administration | - online locker administration | - online locker administration |
| - compatible with mobile devices | - compatible with mobile devices | - compatible with mobile devices | - compatible with mobile devices |
| - user-friendly interface | - user-friendly interface | - user-friendly interface | - user-friendly interface |
| - single login for administration, only one active account at a time | - multiple logins for administration, only one active account at a time | - multiple logins for administration, multiple accounts at a time | - multiple logins for administration, multiple accounts at a time |
| - TANs are sent to one central email address by administrator code request | - locks can be assigned to individual users for TAN messaging | - locks can be assigned to individual users for TAN messaging | - locks can be assigned to individual users for TAN messaging |
| - code limited requests (5 per lock and year) | - TANs are sent to an email address or as SMS message | - TANs are sent to an email address or as SMS message | - TANs are sent to an email address or as SMS message |
| - help line access during office hours is chargeable (8 a.m. – 5 p.m., local time) | - code limited requests (200 per lock and year) | - unlimited code requests | - unlimited code requests |
| | - locks can be grouped | - locks can be grouped | - locks can be grouped |
| | - FOC help line during office hours (8 a.m. – 5 p.m., local time) | - FOC help line during office hours (8 a.m. – 5 p.m., local time) | - FOC help line during office hours (8 a.m. – 5 p.m., local time) |
| | - extended hardware warranty | - administration of locks with remote control available (hardware not included) | - administration of locks with remote control available (from 25 pieces hardware included) |
| | | - energy-saving function | - energy-saving function |
| | | - Mastercode function available | - Mastercode function available |
| | | - extended hardware warranty | - extended hardware warranty |
| | | | - returns handling solution |

### SELECT+

- SELECT LiveBox

- professional scanning device (from 25 pieces included)

TAN∥mode

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(256-bit encryption)

| | Basic | Standard | Advanced | SELECT |
|---|---|---|---|---|
| online locker administration | ✓ | ✓ | ✓ | ✓ |
| compatible with mobile devices | ✓ | ✓ | ✓ | ✓ |
| user-friendly interface | ✓ | ✓ | ✓ | ✓ |
| multiple login for administration | ✗ | ✓ | ✓ | ✓ |
| multiple active accounts at a time | ✗ | ✗ | ✓ | ✓ |
| locks can be assigned to users for TAN messaging | ✗ | ✓ | ✓ | ✓ |
| TAN messaging to user by email | ✗ *1 ✓ | ✓ | ✓ | ✓ |
| TAN messaging to user by SMS*4 | ✗ | ✓ | ✓ | ✓ |
| TAN free of charge per lock/year | 5 | 200 | unlimited | unlimited |
| locks can be grouped | ✗ | ✓ | ✓ | ✓ |
| help line free of charge (8 a.m. - 5 p.m., local time) | ✗ *2 | ✓ *3 | ✓ | ✓ |
| warranty in month mechanic/ electronic | 12/12 | 24/12 | 24/24 | 60/24 |
| administration with remote control | ✗ | ✗ | ✓ *5 | ✓ |
| energy-saving function | ✗ | ✗ | ✓ | ✓ |
| Mastercode function | ✗ | ✗ | ✓ | ✓ |
| | | | | SELECT+ |
| Premium live box | ✗ | ✗ | ✗ | ✓ |
| professional scanning device (from 25 pieces included) | ✗ | ✗ | ✗ | ✓ |

| | Basic | Standard | Advanced | SELECT |
|---|---|---|---|---|

*1: messaging to one central email address
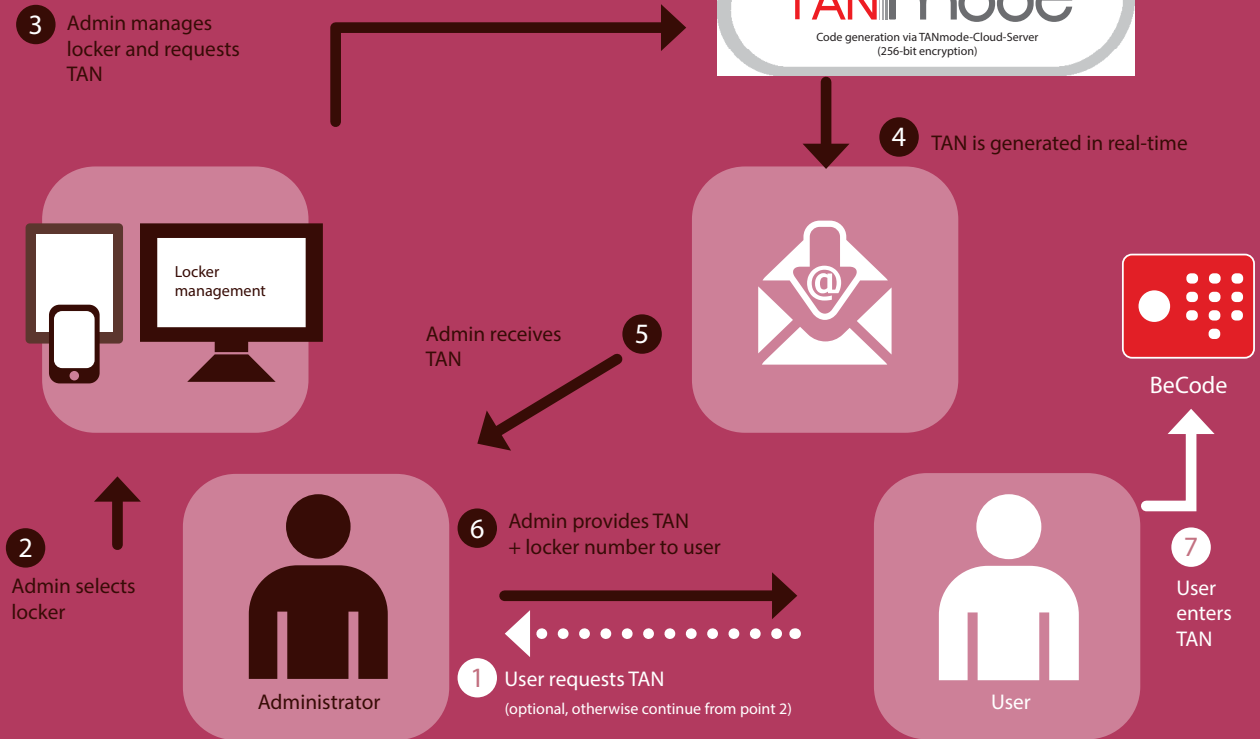*2: help line chargeable (8 a.m. - 5 p.m., local time)
*3: service calls limited
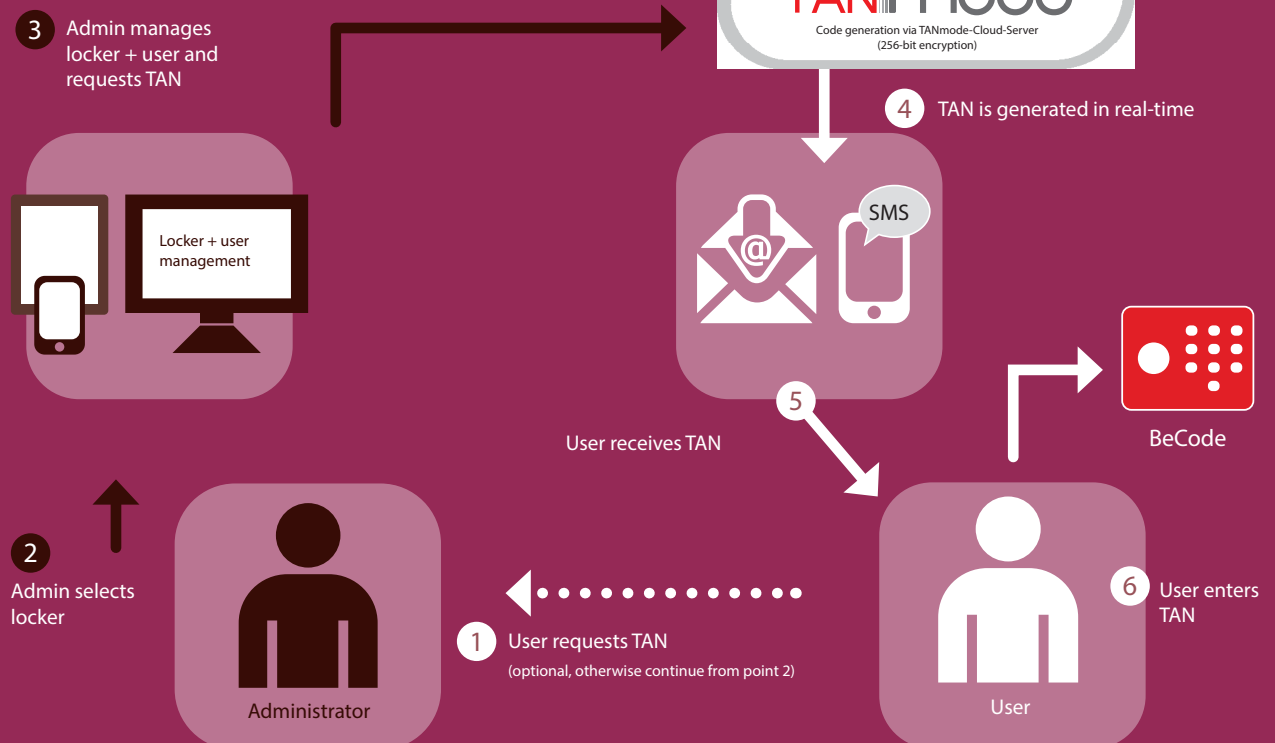*4: Additional costs will occur
*5: remote control not included

# Flow Chart for BeCode

## TANmode Basic

**TANmode**
Code generation via TANmode-Cloud-Server
(256-bit encryption)

**3** Admin manages locker and requests TAN

**4** TAN is generated in real-time

Locker management

Admin receives TAN **5**

BeCode

**2** Admin selects locker

**6** Admin provides TAN + locker number to user

**7** User enters TAN

Administrator

**1** User requests TAN
(optional, otherwise continue from point 2)

User

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# Flow Chart for BeCode

## TANmode Standard

**TANmode**
Code generation via TANmode-Cloud-Server
(256-bit encryption)

**3** Admin manages locker + user and requests TAN

**4** TAN is generated in real-time

Locker + user management

SMS

User receives TAN

**5**

BeCode

**2** Admin selects locker

**1** User requests TAN
(optional, otherwise continue from point 2)

Administrator

**6** User enters TAN
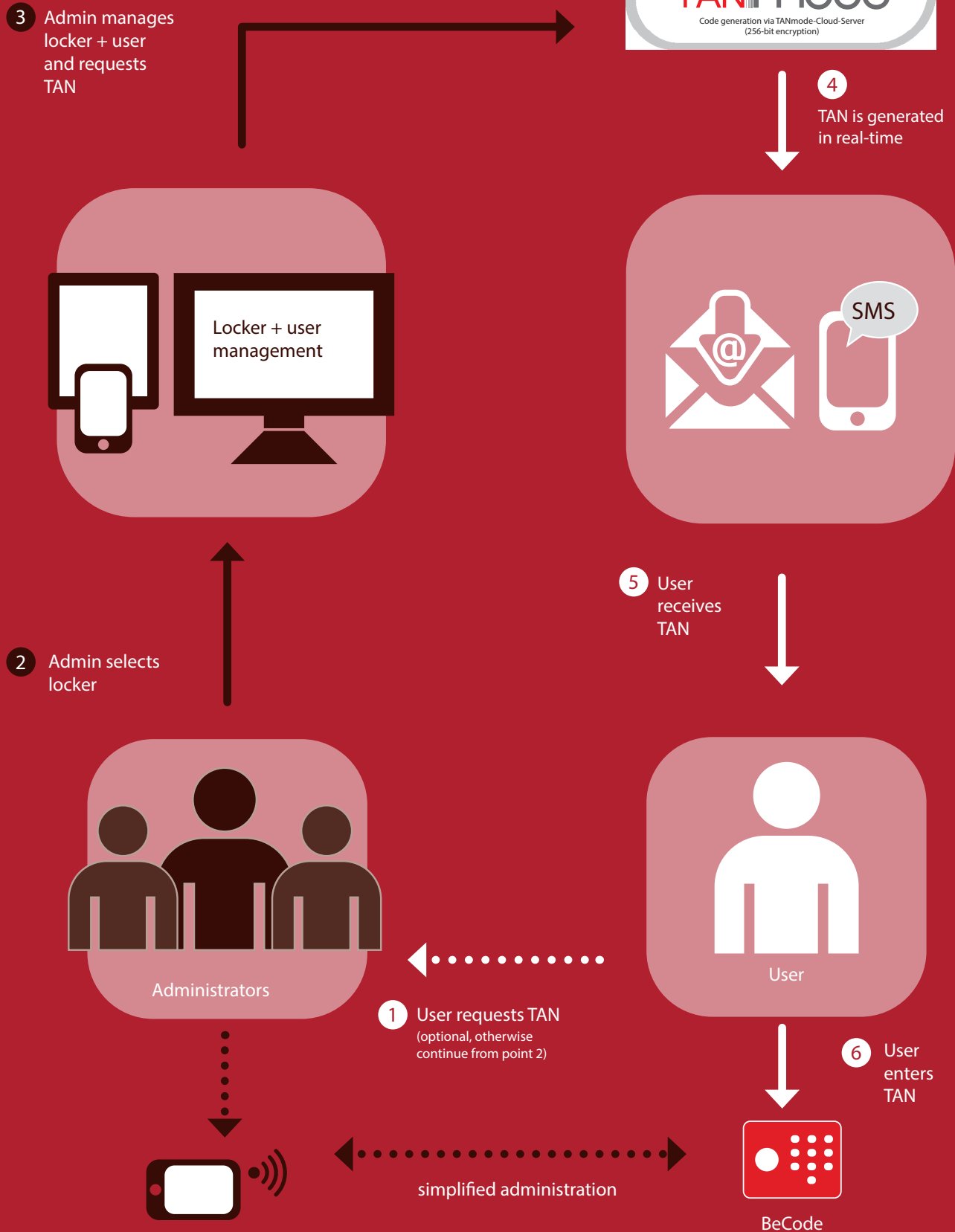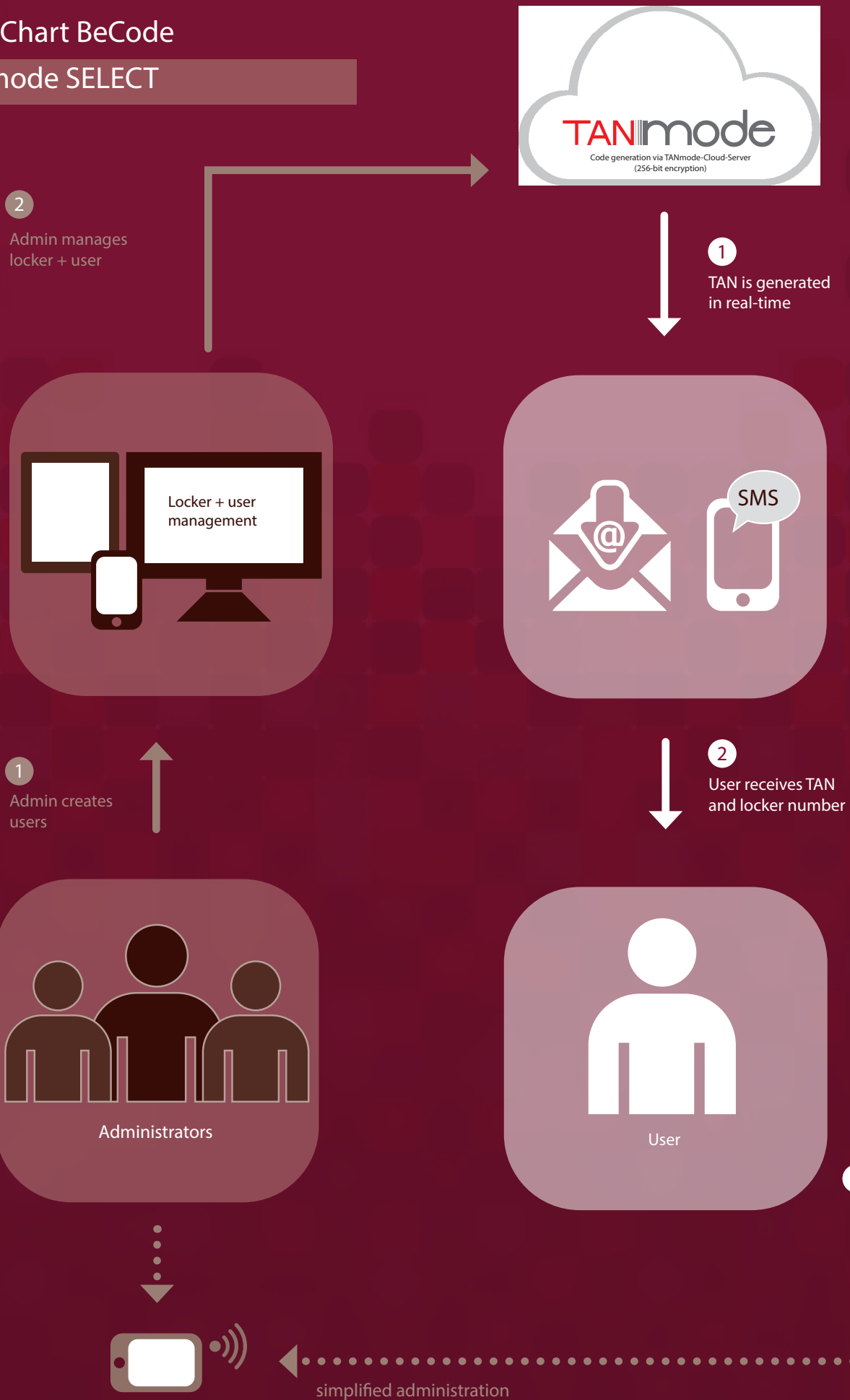
User

The above illustration is only exemplary. Upon request a customised TANmode-workflow will be provided.

# Flow Chart for BeCode

## TANmode Advanced

**TAN**mode
Code generation via TANmode-Cloud-Server
(256-bit encryption)

**3** Admin manages locker + user and requests TAN

**4** TAN is generated in real-time

Locker + user management

SMS

**5** User receives TAN

**2** Admin selects locker

Administrators

**1** User requests TAN
(optional, otherwise continue from point 2)

User

**6** User enters TAN

simplified administration

BeCode

The above illustration is only exemplary. Upon request a customised TANmode-workflow will be provided.

# Flow Chart BeCode

## TANmode SELECT
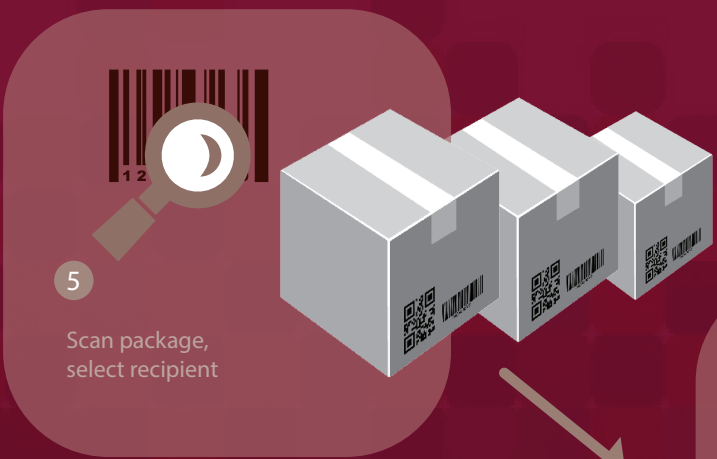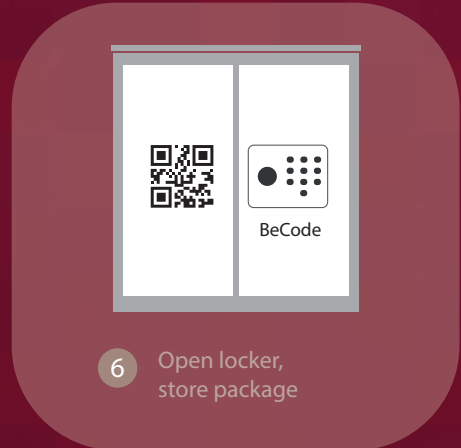
**TANmode**

Code generation via TANmode-Cloud-Server
(256-bit encryption)

**2** Admin manages
locker + user

**1** TAN is generated
in real-time

Locker + user
management

SMS

**1** Admin creates
users

**2** User receives TAN
and locker number

Administrators

User

**3** User en te

simplified administration

**3** Package delivery

**4** Post office / scan operator receives package

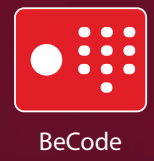**5** Scan package, select recipient

BeCode

**6** Open locker, store package

**7** automatic code request to the cloud server
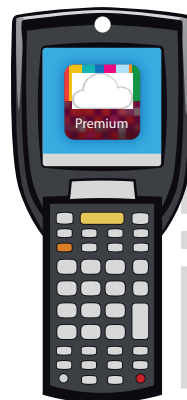
ers TAN

BeCode

**4** User removes package

# SELECT

## The intelligent solution for your package administration

Various parcel services are delivering packages for different recipients on a daily basis. Organizing the distribution and communication to the individual recipient is very time-consuming.
Using Premium will save time and money.

■ The new developed SELECT App in synergy with the TAN Cloud accomplishes it for you.

■ The system doesn't need any further or permanent internet connection.

■ The Scan-Operator stores fast and simple a package into the box by using the Premium tool.

■ The recipient will be informed by an automated SMS with his access code and the locker number.

■ No waiting time at the terminal thanks to direct assignment of lockers

■ Easy to integrate parcel returns

Premium
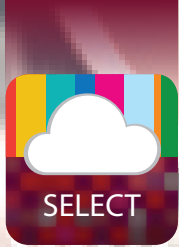
Premium

4394 3
6 1
8 7
4
3
6
2

# The SELECT LiveBox

When you combine the new TANmode SELECT with the SELECT LiveBox, the TAN Cloud issues a direct notification as soon as the recipient collects their parcel.

SELECT LiveBox gives a detailed overview of your parcel station at any time. You can clearly see which slots are in use and which are empty. The system also continuously monitors and displays the battery status for each lock.

All you need to run the SELECT LiveBox is a power supply and network connection, that's it. The Premium live box and the individual lockers communicate via infrared link.
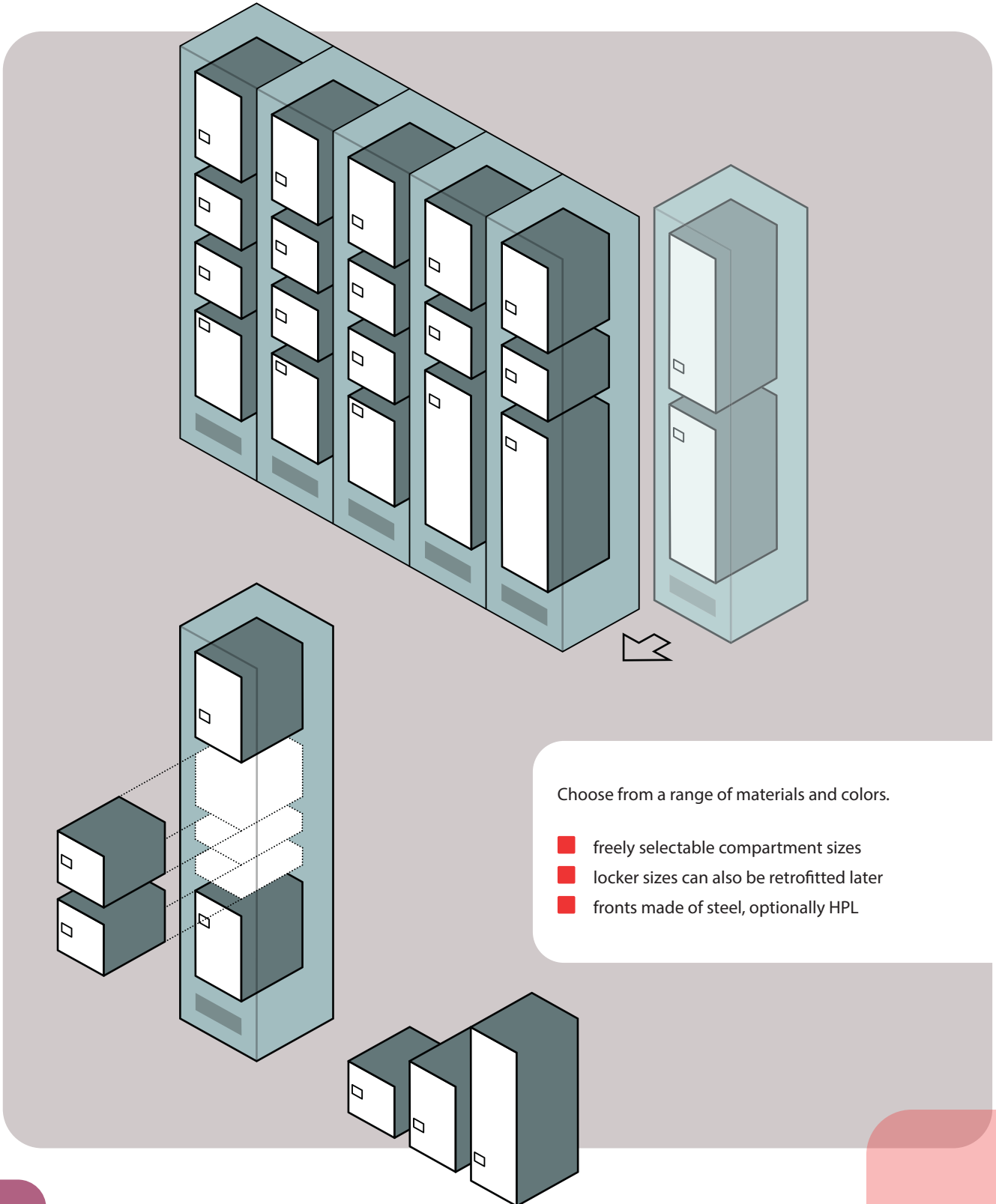
# YOUR ADDITIONAL BENEFITS

- Easy to integrate parcel returns
- No waiting time at the terminal thanks to direct assignment of lockers
- Integrated payment transactions
- Feedback on locker availability
- Free choice of locker for different parcel sizes

SELECT

**SELECT**

# Choose your ideal locker modules and create your own parcel station



Choose from a range of materials and colors.

- freely selectable compartment sizes
- locker sizes can also be retrofitted later
- fronts made of steel, optionally HPL

# TANmode SELECT
# – individual and smart

BeCode has developed special components for TANmode SELECT to better address customers' specific needs. Through TANmode, BeCode tailors the software to individual process flows and customers' specific operating requirements.
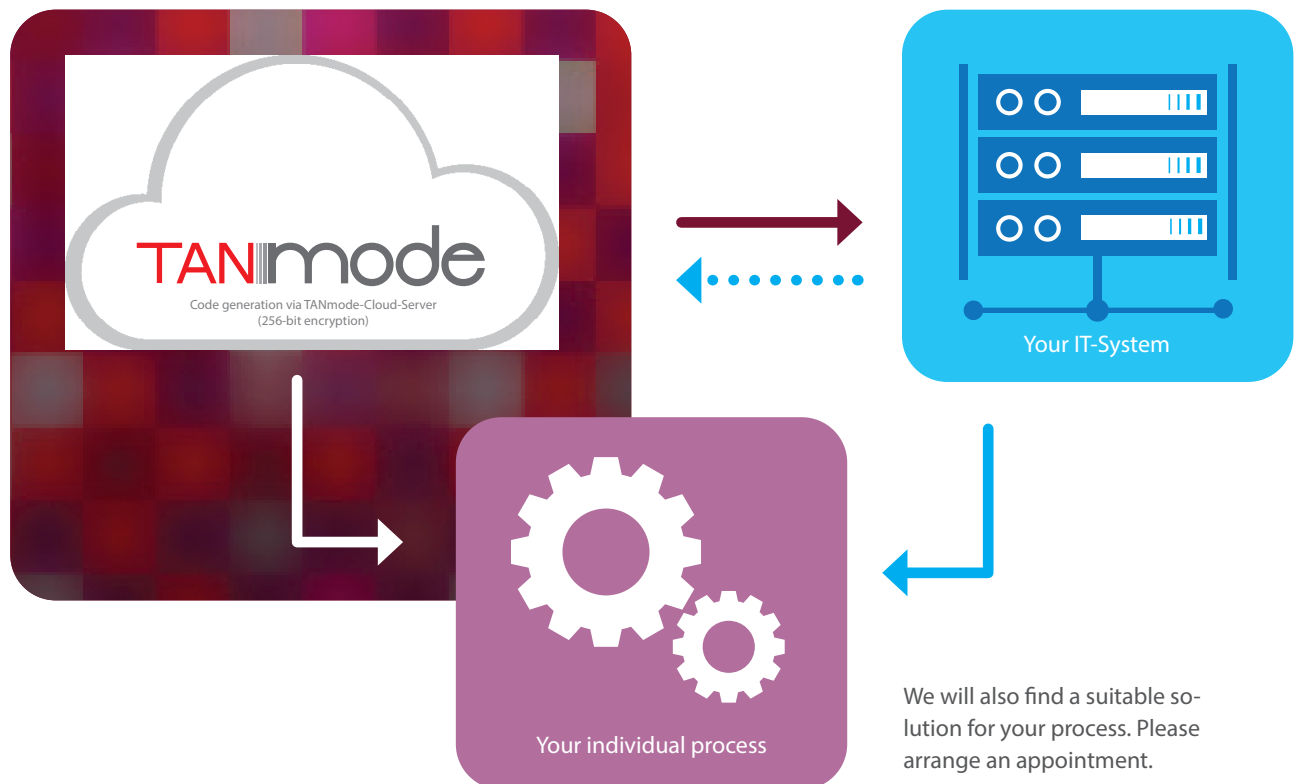
For a laundry service, for example ...

A large-scale laundry service runs 24 hours a day, 7 days a week. Beloxx has adapted TANmode SELECT specifically to suit the business. The laundry service is now able to deliver laundry parcels extremely economically via its own stations, 24 hours a day. Each parcel receives a QR code as it is packed. This code contains all of the recipient's data, which is read by the Premium scanner.

On arrival at the parcel station, the delivery person selects a suitably sized box. They use the Premium scanner to open the lock, scan the QR code, place the parcel into the box, and then close the door.

The Premium scanner transmits data about the locker and the recipient to the Beloxx TAN Cloud. This completes the delivery process for the laundry service. Triggered by the BeCode TAN Cloud, the laundry service's customer receives an SMS containing a link to a payment request generated by the laundry service.

Once the customer has paid, they receive – again triggered via the TAN Cloud – another SMS containing the locker number and TAN. As soon as the customer collects their laundry parcel, the locker becomes available for the next transaction.

## TAN‖mode

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Your IT-System

Your individual process

We will also find a suitable solution for your process. Please arrange an appointment.

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