Electronic
bike lock system
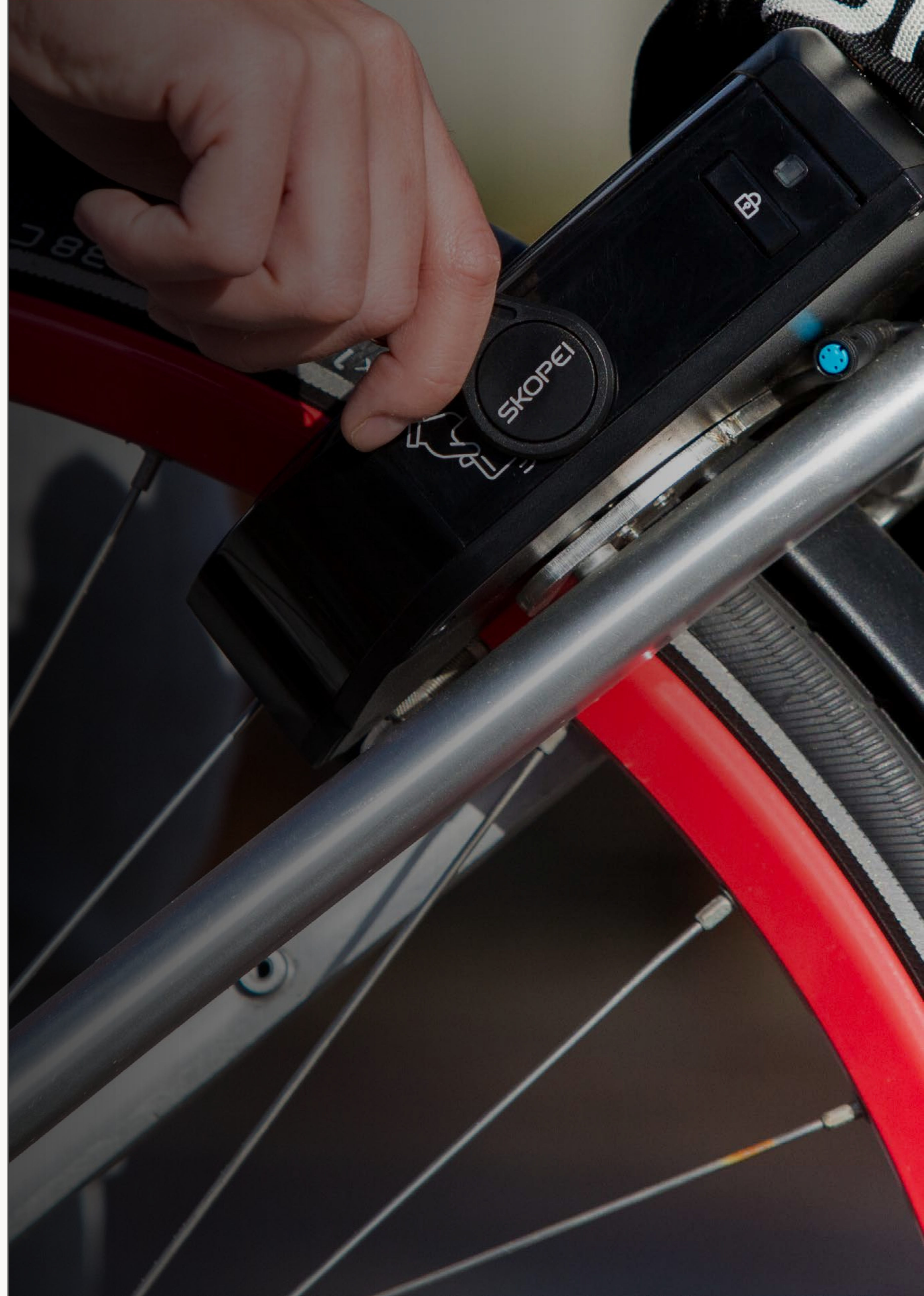
SKOPEI

Access
to success

Skopei believes that happiness equals freedom, for both organisations and users, to move in a clean and liveable world by sharing bicycles and pool bikes together.

Our smart hardware makes this possible by transforming bikes into smart modes of transport that are easy to manage while providing insight to organisations. The smart electronic bike locks enable unlocking without a bike key, increasing one's freedom. Combined with our software label called Topology, Skopei optimises the entire process around sharing and managing smart pool bikes and other bicycles.

Our solution gives organisations, bike rentals and mobility providers complete freedom to decide how they want to use their bikes, resulting in time savings on administrative costs and improved efficiency.

Benefits of Skopei bike locks

✔ Cloud-based software, hosted in EU
✔ Various unlocking options (NFC, Keypad, or Bluetooth)
✔ Extremely low battery consumption
✔ Real-time data and information
✔ 24/7 access to management environment
✔ Over-the-air updates, unnoticed by users
✔ Use in basements or underground spaces
✔ Optional GPS

Customised approach
for every bike

Skopei's hardware is designed to meet the needs of various organisations, which deploy different bikes for a wide audience. Therefore, we have designed three electronic bike locks to suit your needs, for both smart pool bike systems to on-demand rentals. Combined with our software, Topology, you can confidently choose an efficient solution what suits you.

Usage types

Skopei's bike locks offer a range of usage types to meet diverse needs. The tap & go functionality allows users to effortlessly unlock a bike, ideal for quick use. There is a parallel user type based on reservations, making it easy to book time slots and be assured of a bike's availability. Organisations can also benefit from advanced access management, where administrators can control precisely which user groups have access to which bikes.

Smart Bike Lock NFC

Our smart NFC bike lock provides you with the ability to access location data of the bike. Through our built-in Skopei network, the lock is easily unlockable using a company pass or token. Additionally, the lock boasts a long battery life, up to 24 months on standby. GPS tracking can also be optionally added to this lock.

Smart Bike Lock Bluetooth

With this bike lock, you can easily unlock your bike day and night using the Topology app. The lock also provides you with the option to access location data, with GPS tracking available as an optional feature. Additionally, the Bluetooth bike lock is equipped with a battery that lasts up to 24 months on standby, requiring minimal maintenance.

Smart Bike Lock Keypad

With a 4G connection, the keypad lock is always easily unlockable via the numeric keypad, eliminating the need for key handovers. Additionally, the lock features a built-in GPS tracker, providing real-time location insights at all times. The Keypad bike lock is equipped with a battery that lasts up to 12 months on standby.

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Choose Topology
or your own management system

Skopei believes in flexibility and freedom, by using our software label Topology. Use Topology to reserve, manage items and gain insight into the usage of your offerings. Topology is available as an app and online environment for booking and unlocking a bike. As an organisation, you will have your own management portal. Alternatively, there is also the option of using your own management software for bike sharing.
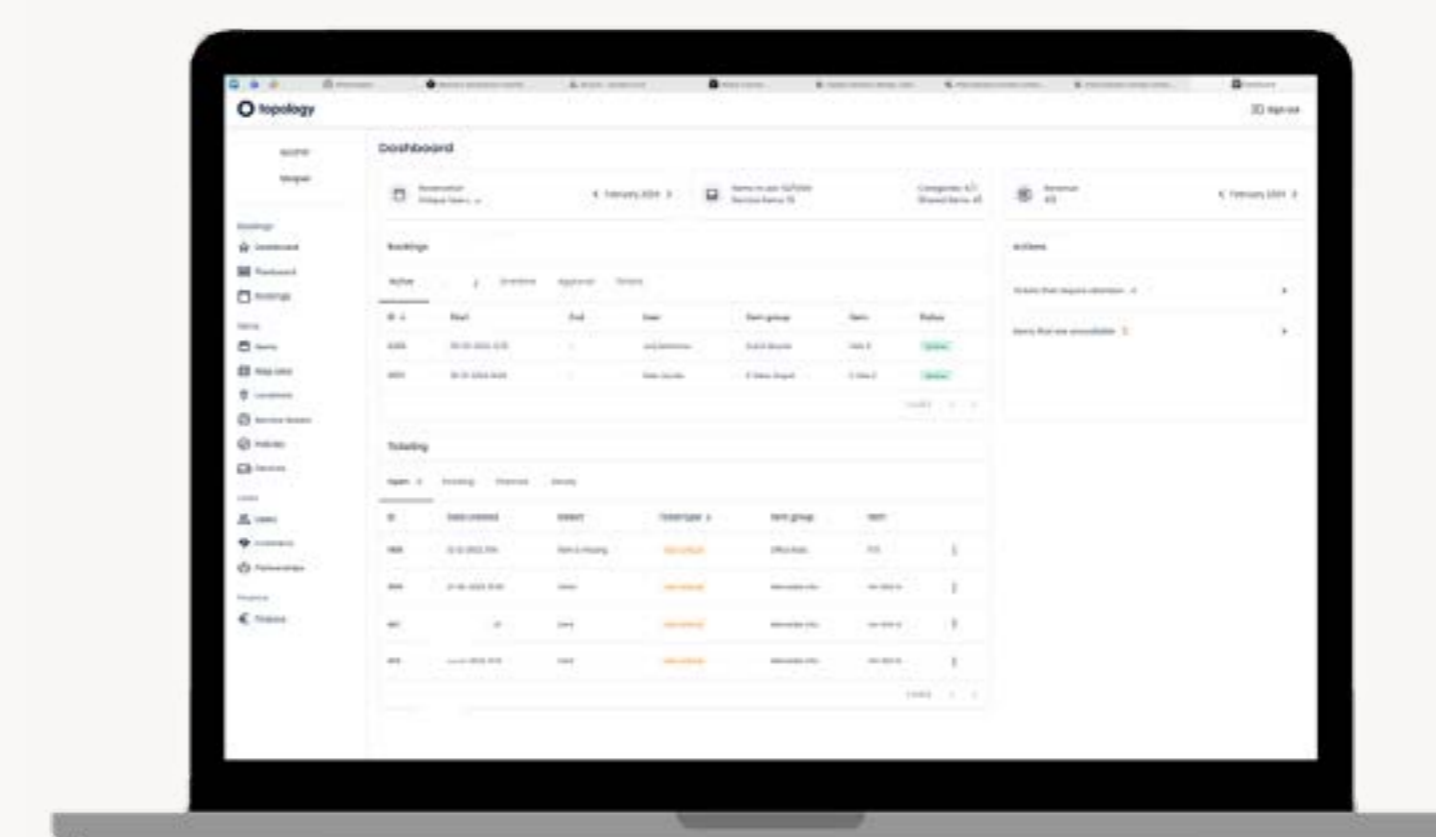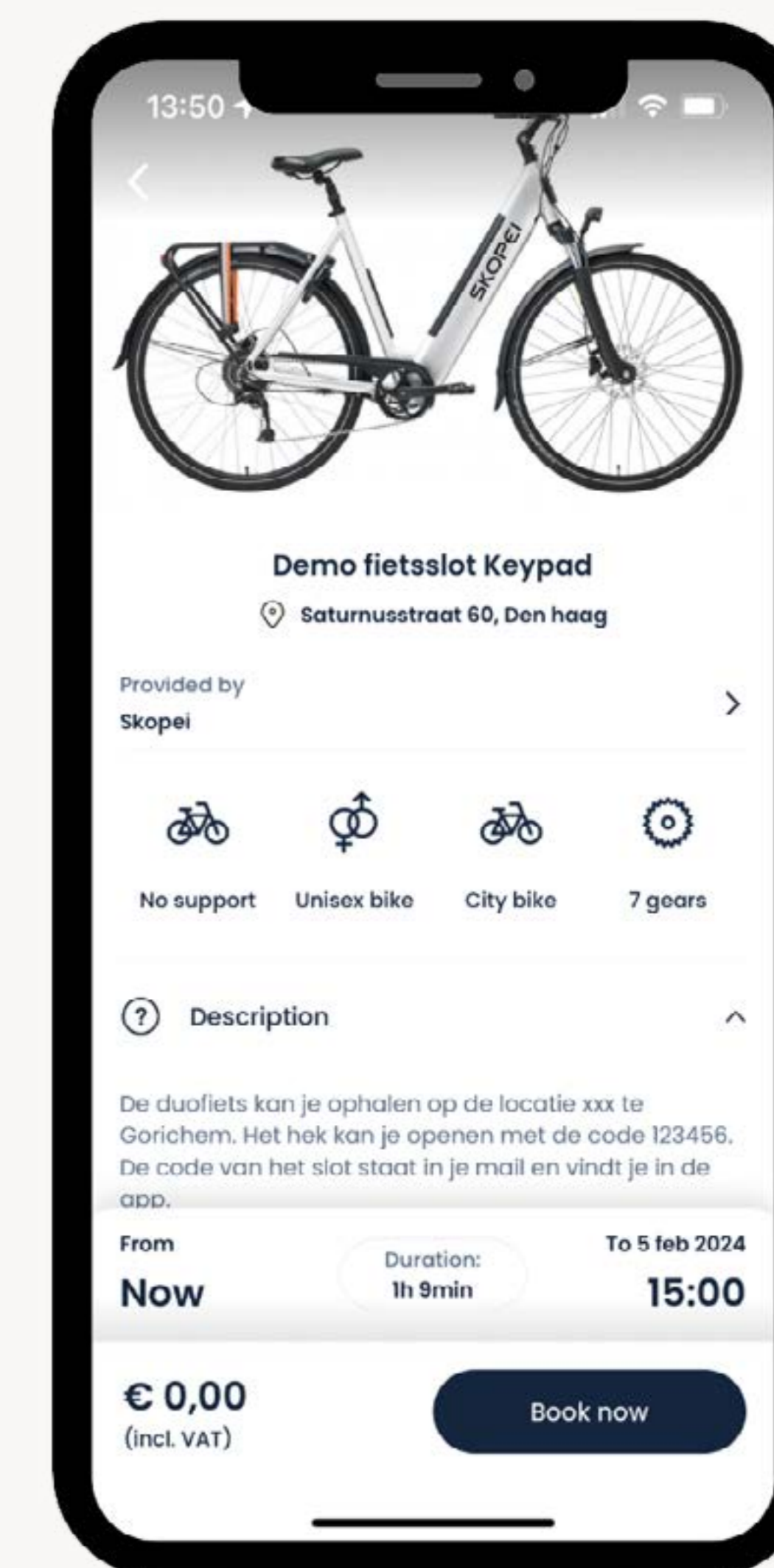
Topology

Access management

With Topology, bike sharing and management has never been easier. Topology provides advanced access management, allowing users to easily access shared bikes based on authorisation level. Organisations can easily set access to vehicles, thereby maintaining control over bike usage and access.

Insight and analysis

Nothing is more important than knowing who and when accessed your bikes. That is why our bike lock systems can be fitted with built-in GPS tracking to the Topology platform, giving you 24/7 visibility of user activity and where your bikes are.

Topology App

Our Topology app, available for iOS and Android is a true Swiss army knife. Equipped with many conveniences, including Mobile Access. This allows every user to immediately see which bikes are accessible. One simple swipe opens a bicycle! Skopei bicycle systems also work offline, ensuring you always have access to your bicycles.

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Simplified management

Anytime, anywhere access to your access control system and bike fleet. The Topology Admin Cloud is available on your smartphone, tablet or PC. Through your own chosen access rules, you provide access to your bikes to whoever you want.

Topology Admin Cloud

Real-time location

With Topology, you have the ability to access real-time location data for each bike. This enables to efficiently manage and optimize your bikes for maximum customer satisfaction.

Lock status monitoring

Through our system, you have the ability to receive information about the status of the lock, like unlocked or locked. This enables to better maintain your bikes and ensure that your customers always have the ability to a reliable bike.

Battery percentage

The batteries in our bike locks are designed to last for extended periods, alleviating concerns about frequent recharging. In the Topology administrator portal, you can easily monitor the battery percentage, and if necessary, recharge the battery, preventing unnecessary bike downtime.

Keyless unlocking

With Topology, you can effortlessly share and rent out your bikes to the user group of your choice, ranging from your own employees to individual users. Thanks to remote keyless unlocking via Skopei's network, Bluetooth, or 4G, users can easily access the bikes without the need for physical key handovers.

Booking system

With Topology, you have the ability to keep an organised overview of your bike fleet through the booking system. In the system, you can see all the details of reservations such as when the reservation was made, who made the reservation, whether it was booked for business or personal use, and the revenue generated from the reservation.

User groups

Add users to specific user groups and assign each user group with its own settings and permissions. This allows you to differentiate between unlocking bikes via tap & go or through reservations. Additionally, user management provides an overview of all users available.

Bike management, sharing and rental
For whom?

Are you an organisation, leasing company or bike rental company looking for a way to efficiently set up and deploy your fleet of bicycles or pool bikes?

However you define yourself, our smart hardware and software solutions will help you stimulate the use of sustainable mobility, save costs and optimise the utilisation rate of your supply of bikes.

Dutch Railways (NS)
Client case

NS uses the Skopei Smart Bike Lock, which makes renting an OV bike easier and more flexible. With a valid bike subscription, the lock can be opened with an OV-chip card. The lock stores the subscription details of the OV-chip card during the reservation, so the lock can be opened and closed with the same card during the reservation period. When returning the bicycle to an NS location, the reservation is terminated and the OV-chip card is deregistered.

Bike rental and leasing companies

As a bike rental or leasing company, you stand to gain numerous advantages from our smart bike locks and platform. Benefit from keyless access to bikes, expand your service offerings, and optimise the utilisation rate of your bike fleet. You have the flexibility to choose when to share your bikes publicly or exclusively for a specific user group, with easy access to insights on usage and bike locations. Payments are seamlessly managed through automatic debits via the in-app transaction module.

Organisations with poolbikes

Explore the advantages for your organisation with pool bikes, such as the convenient ticketing system for both administrators and users, keyless access to the pool bikes, and insights into bike usage and locations. This enables you to generate optimal utilisation rates for the pool bikes. Additionally, the use of pool bikes serves as an internal incentive for sustainable mobility.

Brivec
Client case

Brivec, property manager of Businesscenter.nl, has chosen Skopei's electronic bicycle locks as the product fits optimally with Brivec's strategy of unmanned office locations. The integration of smart bicycle locks with Brivec's systems ensures that renters are able to continue using existing tags, and no key transfer is required. This allows quick and easy use of a shared bike.

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