



in

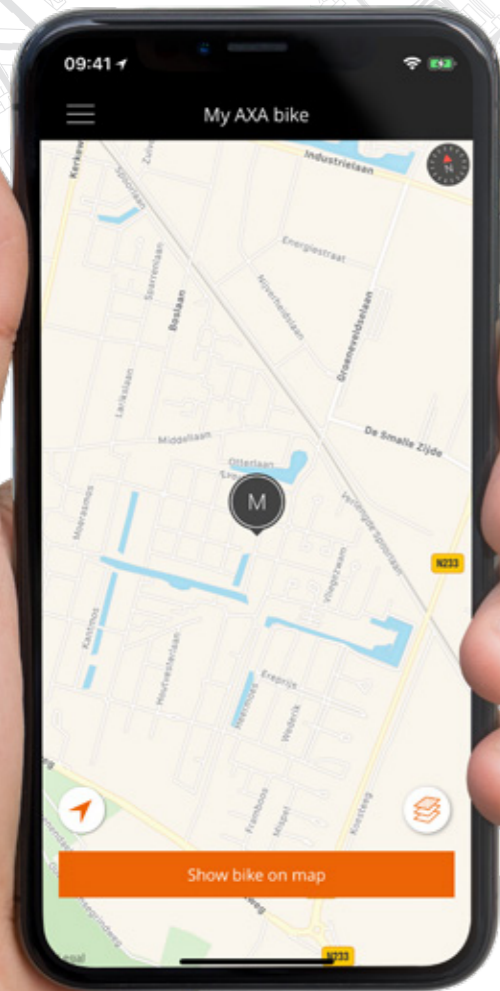


ALLEGION™

AXA 

Bike sharing made easy

INSIGHT AND
INTELLIGENCE
INSIDE YOUR BIKE



The **standard** for rental and bike sharing

AXA IN is the solution for rental and bike sharing companies. Looking for a secure and easy way to share or rent out your bikes?

AXA IN Electronic ring lock is your answer.

We offer a highly secured lock with a user-friendly experience which can easily be integrated into an existing bike sharing platform. The lock can be mounted quickly and easily on a regular frame of a bike. Cyclist can conveniently rent or take a bike and lock it for a stop where ever they prefer. With an additional plug-in chain the bike can be secured to the fixed world and detected for a safer lock up.



AXA IN Electronic ring lock

AXA IN Electronic ring lock is available in two versions.

Bluetooth Low Energy

This version of the AXA IN offers you besides the secure mechanical hardware, also a top of the line key encryption program via our highly secured Key Safe Cloud, which makes the connection between the telephone of the user and the lock. No additional hardware is needed, communication straight from the lock to the smartphone of the user.

Wired

The basic electronic model offers power and communication by wire. This solution gives you AXA's secure mechanical hardware and enables you to connect to an IOT device of your choice.

Easy integration

Both versions can easily be integrated to existing systems and platforms. It will give you more insight over your bike fleet and you never have to worry about handing out keys again. The AXA Electronic ring lock is ideal for city rental projects, hotels that have rental bikes for their guests or companies that have a bike sharing project for their employees.

The benefits of AXA IN

- Maximum security
- No more hassle with keys or codes
- Easy to integrate into existing bike rental or sharing platforms
- For docking and dockless solutions
- Use of standard bikes
- Possibilities for pay per minute

Why with AXA?

- A high security lock with high security system
- 100 % engineered and manufactured in Europe
- Use of standard components and production processes
- AXA has been the safety and security provider for the bike industry for more than 100 years

AXA **IN** E-RL Bluetooth®

Open your bike simple and safe with an app



Nowadays, most consumers will carry a smart phone, so why not use this phone as the key credential to your rental or bike sharing bike?

No keys

By means of Bluetooth® Low Energy the lock **A** is paired to the phone of the consumer **B** and the lock can be opened or closed easily without the hassle of keys.



Authorization

Authorization to open is given via your own reservation system **C** with use of the top of the line secured key-encryption of AXA's key server Key Safe Cloud **D**. To ensure proper and secure locking of the bike, the locking procedure always needs to be done manually. For ease of use during stop-park-go's the AXA E-RL BLE 2 offers a quick release button on the bike which will give you the option to lock down the bike without using the app.

Main features AXA IN E-RL BLE 2

- Secure mechanical hardware
- Secure key encryption with over 99.8% uptime
- **NEW** Additional security by plug-in recognition
- Optional fleet management by using smart plug-in solution
- Battery life time of at least 2 years
- **NEW** Quick release locking for stop-park-go use

NEW



Plug-in chain with sensor

Make sure the bike is locked

As supporting security, users can lock your bike to the fixed world or low cost docking station by using a plug-in chain. With this extra security you can make sure that your bike is locked properly in 2 ways instead of 1.

To be sure the lock is locked correctly, it is equipped with 2 sensors. The first sensor makes sure the shackle of the frame lock is closed correctly. The second sensor confirms that the plug-in chain is installed right when parking your bike.

Fleet management

If you own docking stations, even when they are low cost, you have the opportunity to locate bikes without using a GPS signal.

By using a smart RFID plug-in chain fixed on your location, the AXA IN Electronic lock will tell you which bike is locked at what station. You can easily manage overflow or repairs, no need to search for your bikes in crowded areas anymore!

App

If you do not have the ability to develop your own platform and app, AXA is able to link you to a third party who can help you with a complete platform solution.



AXA **IN** E-RL Wired+

Combine the AXA IN Electronic ring lock with existing IOT devices

The AXA IN Electronic ring lock can easily be connected to your existing on bike IOT device.

This is the ideal solution for large bike sharing and rental projects with their platform and communication already in place. Whether you communicate to your customer by smart phone, card or any other type of communication, AXA offers you the opportunity to link the Electronic lock to it.

The E-RL Wired offers you power and communication via wire to the IOT device. Whilst AXA offers you a secure and robust hardware solution, you can link to the platform and app of your choice.



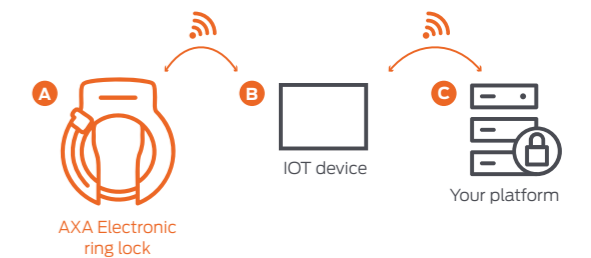
Authorization by card

Authorization

The Electronic ring lock **A**, connects to the IOT device **B**, which communicates to your platform **C**.

Main features

- Secure mechanical hardware
- Freedom to determine your own security protocol between lock-IOT device-user
- No on-board IOT device yet? Learn more about the AXA IN Connect solution!





AXA E-RL

A proven concept: thousands of bikes on the streets

Since 2015 AXA has thousands of bikes on the street with our AXA IN Electronic ring lock for **bike rental or sharing**. Together with Donkey Republic, Deutsche Bahn, Zagster and GoBike we have made this possible. You can find our solution in big cities like Barcelona, London, Berlin and New York, student campuses, hotels & holiday parks and many large company premises.



Donkey Republic

- Bike sharing system
- In 65 cities around the world
- No keys, no docking stations, no cash, no ID cards or deposits, no rental shop staff or opening hours



Deutsche Bahn

- Bike sharing system
- In more than 50 cities in Germany
- Sign-on and CallBikes simply by app, phone call, customer card or terminal rent



Zagster

- Bike sharing programs in different cities in North America
- Riders unlock bikes using free mobile app
- Two sturdy cables: one securely attached to each station dock, one retracted inside each bike



GoBike

- Bike sharing system
- For tourists, commuters, citizens and employers
- Contactless travel cards used for public transportation, can be associated with Gobike accounts

Other rental partners





AXA **IN** About us

We are inextricably linked to the cycling culture

For more than 115 years, our company has made every effort to protect cyclists and their bikes in the most optimal way. As a real bike fan, we know exactly what cyclists need to hit the road in a safe and confident way.

Our developers translate the latest technologies, preferences and developments into user friendly, sustainable products. Thanks to our own production facilities in Europe we can guarantee consistent high quality. In this way AXA contributes to the safety and pleasure of the growing worldwide community who embrace the bike as a healthy and sustainable means of transportation.

Our product portfolio consists a wide range of locks, lights and guards; a solution for every bike.



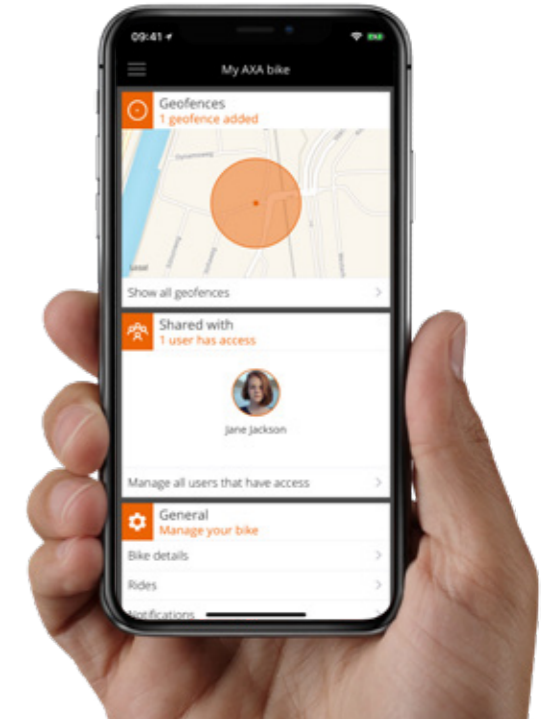
More AXA IN

Apart from locking your bike with a traditional physical lock, the AXA IN concept also offers AXA IN Connect; an IOT device for your smart connected solutions, including Track and Trace functionality.

Using the AXA IN Tracker on your bikes you can manage your fleet in even more detail. The tracker is able to collect a lot of data of the bike and rider which will help you manage your fleet in terms of maintenance needed, location via GPS signal and option for additional services like repossession.

The data is shared with you via a customized dashboard. Communication with your customer is done via your own app. The AXA IN Connect can be used as a standalone solution or can be linked to any of the AXA IN Electronic locks using one app to control all your on-board communication.

Want to know more? Visit: www.axa-in.com or contact your AXA Sales Manager for more details.



AXA has been a part of the Allegion group since 2015

Allegion (NYSE: ALLE) is a global pioneer in the field of safety and security. They keep people safe where they live, work and visit. As a leading provider of security products and solutions for homes, businesses and bikes, Allegion specialises in security around the doorway and beyond.



Let's go

We are looking forward to explore the possibilities and best solution for your company. Are you ready to get rid of your costly infrastructure, do you want your bikes parked at a dedicated station or no more hassle of personally handing out keys? Then **let's go IN** and step into the world of intelligent bikes. Feel free to contact us at any moment.

It takes
3 simple
steps

1 Contact AXA

Our dedicated Sales Manager will assist you in finding the optimal solution for your bikes.

2 Order a test kit

Order for a small fee a test kit of the AXA IN Electronic ring lock and experience yourself.

3 The next step

Implement the Electronic ring locks into your rental or sharing system.

AXA BIKE SECURITY

Energiestraat 2 Tel: +31 318 536 220
3903 AV Veenendaal Email: info.axa.bike@allegion.com
The Netherlands Web: www.axa-in.com

About Allegion™

Allegion (NYSE: ALLE) is a global pioneer in the field of safety and security. We keep people and their property safe, wherever they are, bringing together simple solutions and advanced technology. Allegion is a \$ 2 billion company, with products sold in almost 130 countries.



AXA ■  BRICARD ■ Briton ■  CISA ■  interflex
KRYPTONITE ■ NORMBAU ■  Simons Voss ■  TRELOCK

© 2019 Allegion
allegion.com