ABUS
Security Tech Germany

DIGITAL SOLUTIONS AND SERVICES

EXPERT ROOM LIFECYCLE MANAGEMENT

Eurobike June 2022

OEM SOLUTION LIFECYCLE MANAGEMENT

SMARTX™ INTEGRATED IN FIT E-BIKE SYSTEM

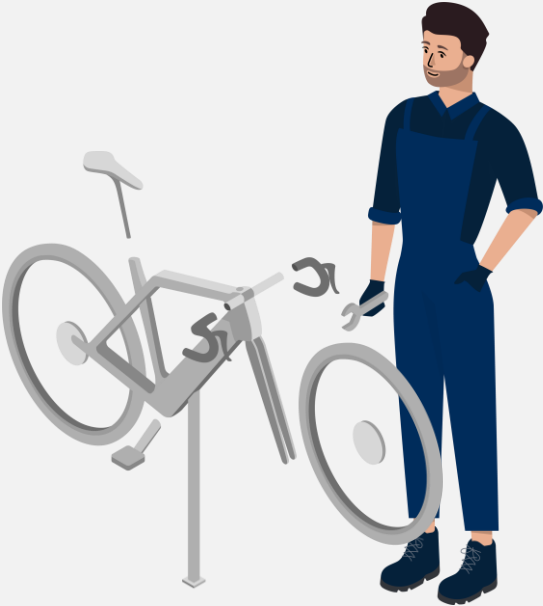The FIT app communicates with the FIT Master (display)

Lock and unlock the bike with the mobile app
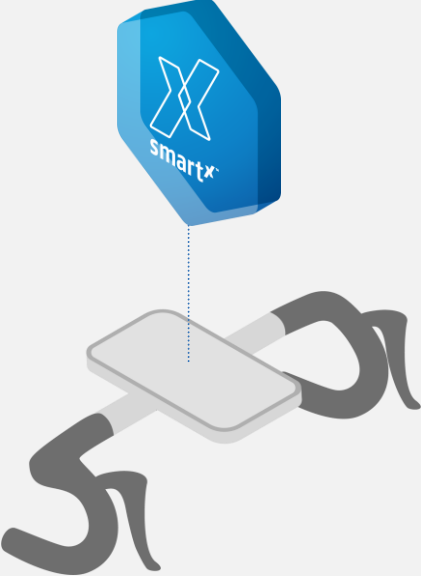
Secured Bluetooth communication

Handsfree opening

Support of the Bike Lifecycle Management (using ABUS cMAP)

LIFECYCLE MANAGEMENT

Bike production ········► **SmartX integration** ········► **Buying a bike** ········►
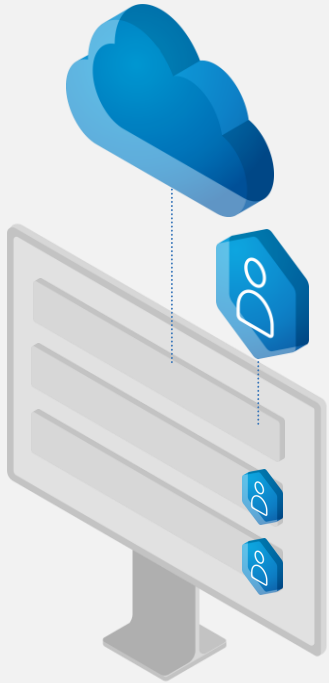
LIFECYCLE MANAGEMENT

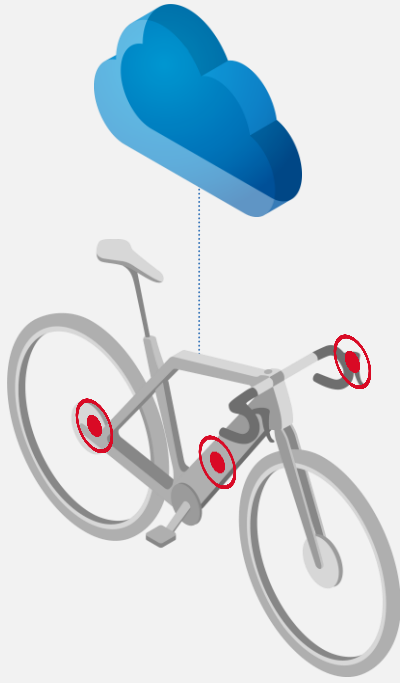**Register on the app** ┈┈┈┈┈┈► **Using all SmartX features**

LIFECYCLE MANAGEMENT BEHIND THE SCENE

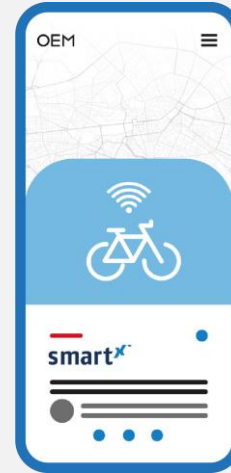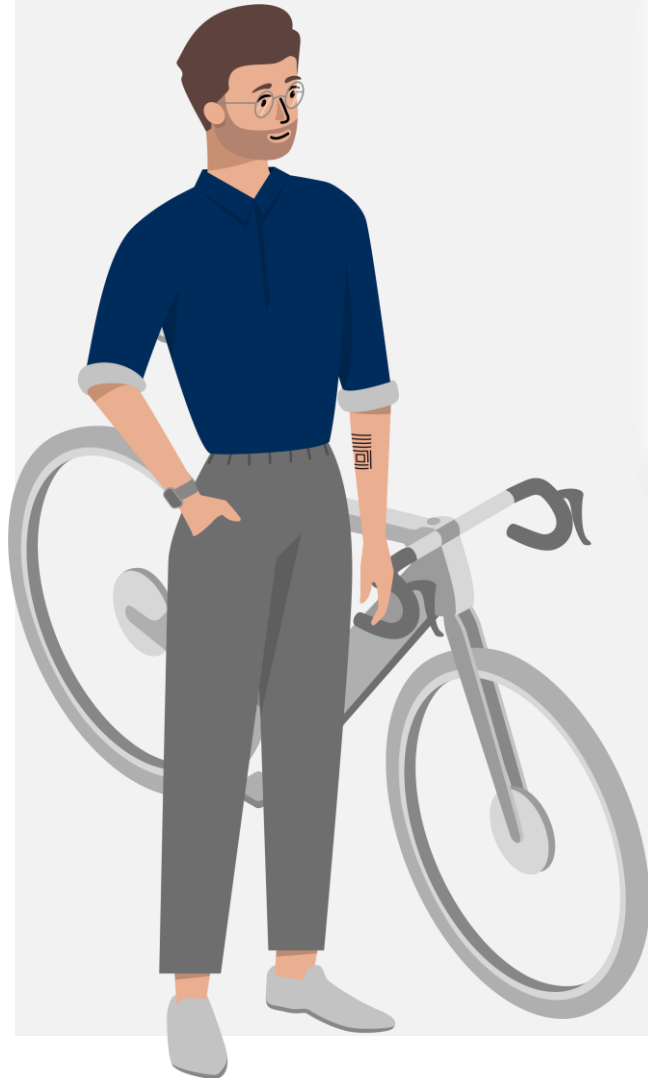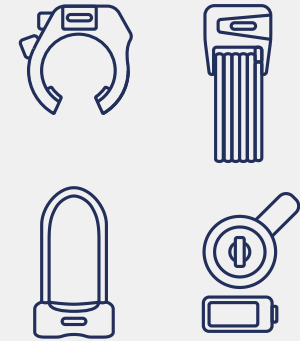**Info about Customer registration** ······► **Data management** ······► **Predictive maintenance**
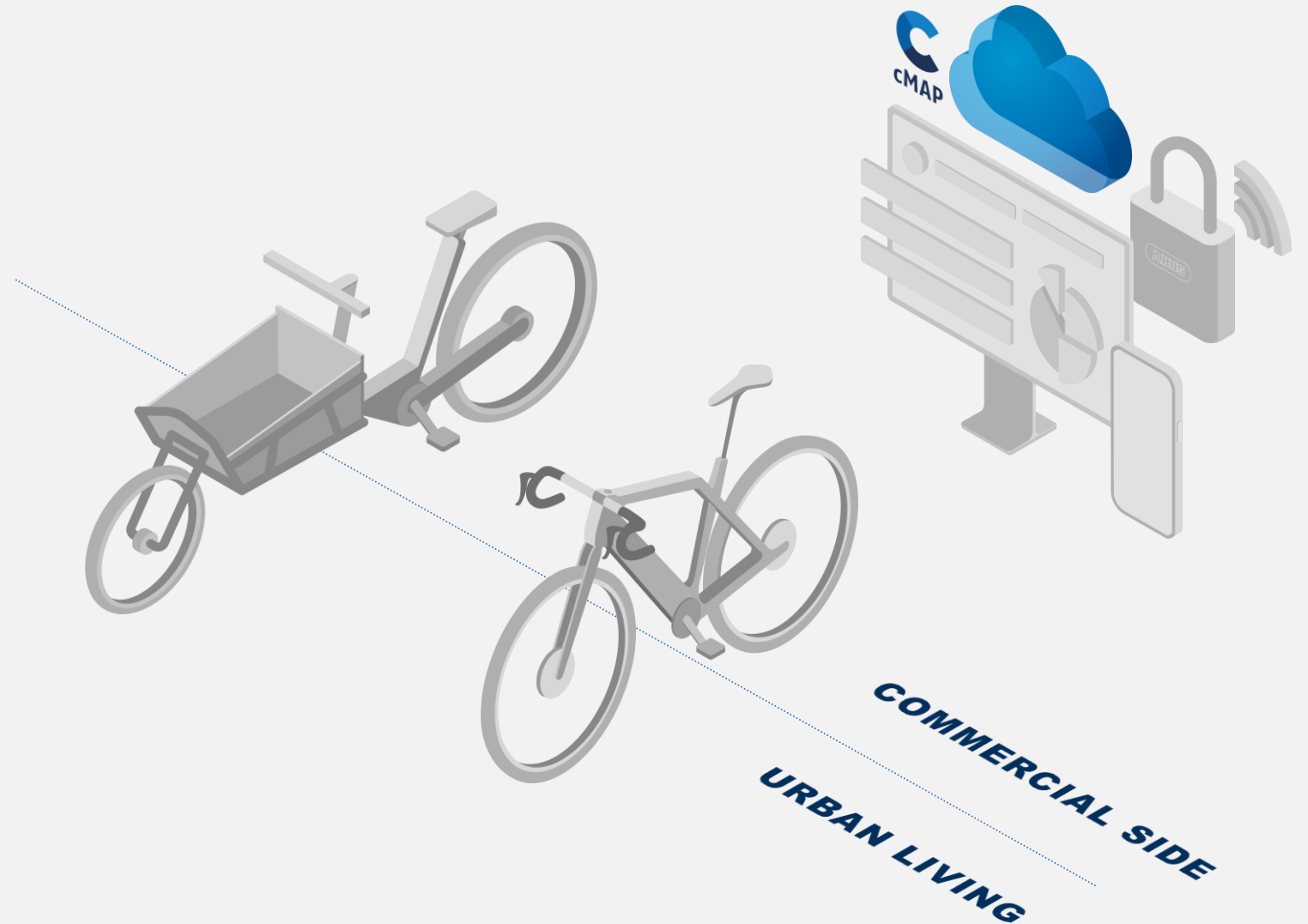
ONE ACCESS POINT FOR ALL COMPONENTS

- High performance technology
- Reliable and long-term oriented partnership
- Flexible and modular use
- USP in the market

THE BASIC OF ABUS LIFECYCLE MANAGEMENT

OUR VISION

- We provide all-round security

- For ABUS, security is a product and an emotion

- we digitize solutions for your bike and in your home to make them simple: simply SMART

- Our claim is a 360° portfolio

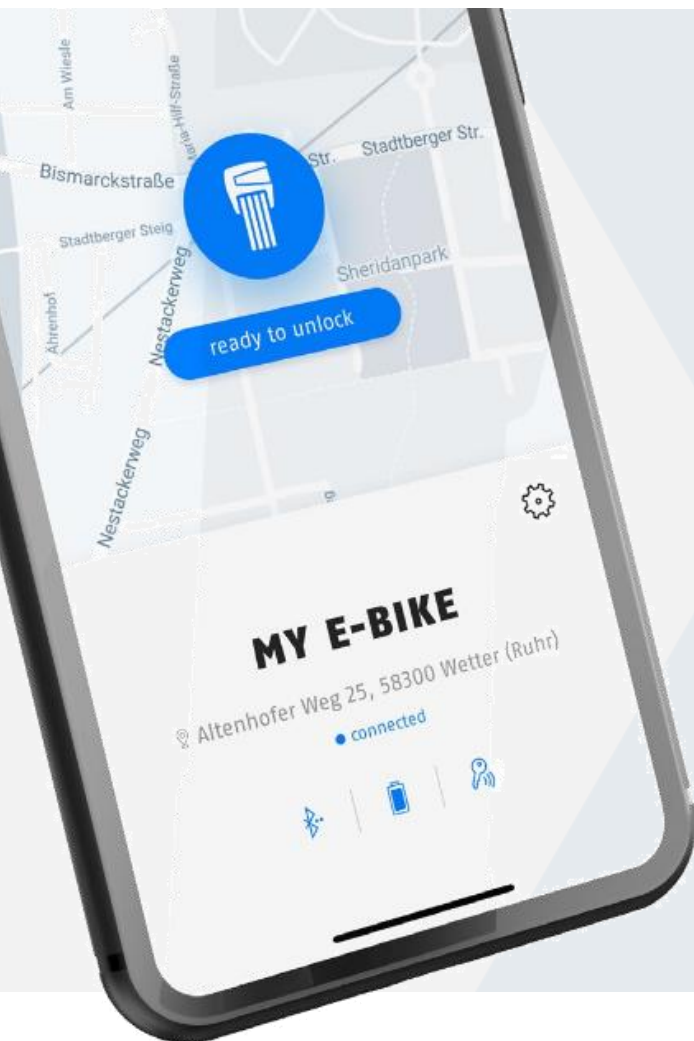- We enable our partners to have a complete ABUS SmartX world

cMAP

COMMERCIAL SIDE

URBAN LIVING

ABUS

BENEFITS CMAP PLATTFORM

User Management	Extensive management of users over the entire lifecycle of component
Component Management	Comprehensive management of components (also third-party) over the entire lifecycle
Client Management	Sophisticated, individualizable rights concept; unlimited multi-client capability
Process Management	Structuring of workflows e.g., for rental and sharing business models
Transparency	Complete, individually structured visibility of all user and component data
Reporting	Various analyses prepared and available for downloading
Information	Real-time and 24/7 synchronization, long-term documentation*
Remote Opening	Remote opening controllable centrally without digital key from the mobile app*
White Label / Customizing	Dashboard and mobile app customizable to customer needs (function and design)
Integration ERP	Standard interfaces allow easy connection to other ERP systems
Data Processing	GDPR-compliance processes, hosting MS Azure

* 9001 functions

SMARTX™

ABUS partly-patented layer

Security
Highest security level in Bluetooth communication (BLE) between the smartphone and your digital device secured by ABUS SmartX™
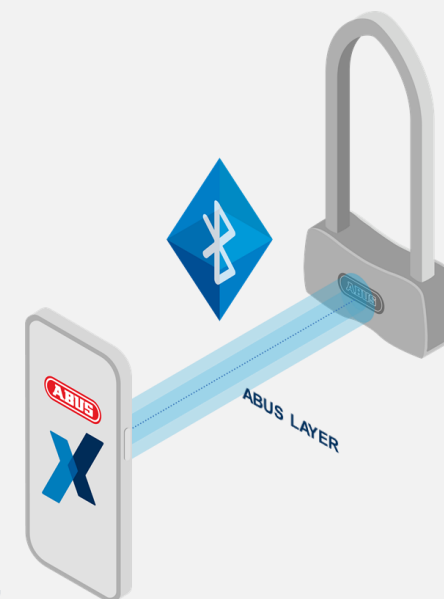
Convenience
SmartX™ is a digital key that can be handed over to other people at any time via all communication channels
- **Keyless entry** and **handsfree opening**: just come across and drive – unlock automatically
- **Administration**: management of users and devices with different access rights
- **Invite**: invitation to use the bike made easy!

Branding
SmartX as an ingredient brand refines your solution with the label "Security"
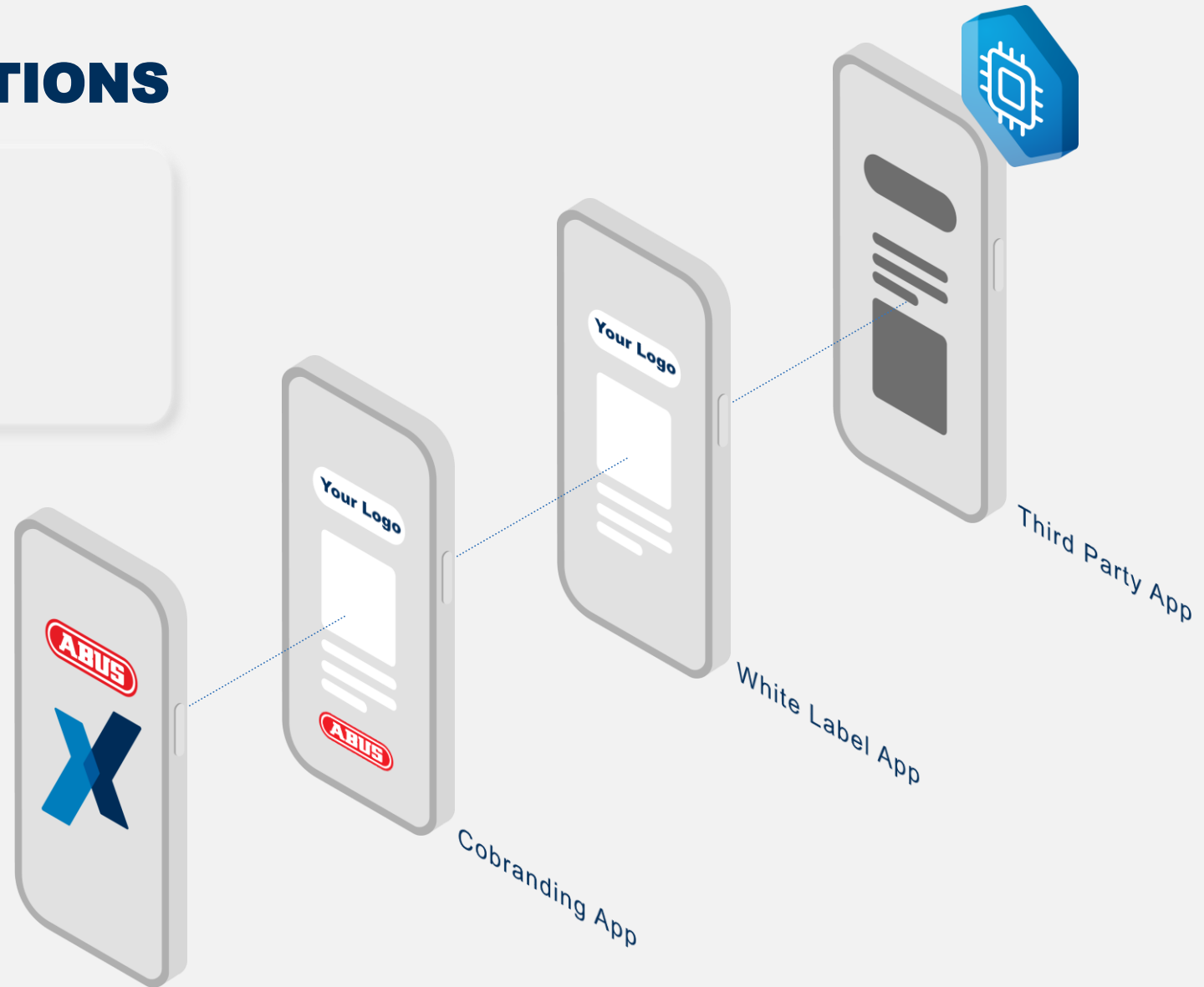
OUT-OF-THE-BOX-SOLUTION

- **Make or buy.** Benchmark solution for secure BLE communication. A SDK enables quick and easy integration & use of SmartX in the partner ecosystem. Professional service & maintenance guaranteed!

MOBILE APPLICATIONS

- ABUS own App
- Cobranding App
- White Label App
- Third Party App
- Software Development Kit

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