

Press release

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CES 2026: Bosch eBike Systems extends its digital theft protection for eBikes

This makes stolen eBikes unsalable

- Stolen eBikes can be marked in the eBike Flow app and permanently identified in the digital ecosystem of Bosch eBike Systems.
- Buyers of used eBikes, dealers, and public authorities can easily check the status of the eBike in the eBike Flow app.
- New control functions for commercial users.

Your eBike has been stolen. What remains is a mix of anger, frustration, and a financial loss. For thieves, however, this is a profitable business, depending on their ability to resell eBikes undetected. This is precisely where Bosch eBike Systems steps in. At CES 2026 in Las Vegas, it is presenting a solution that adds another layer of digital theft protection to its smart system. In the future, stolen eBikes and batteries can be marked as stolen in the eBike Flow app. This feature is available free of charge in the eBike Flow app from the end of January 2026.

If an eBike or a battery is marked as stolen, it can be identified as such throughout the entire digital ecosystem of Bosch eBike Systems. This makes reselling the eBike difficult and increases the chances of the owner getting the eBike back. Buyers of used eBikes, dealers and public authorities are sent a warning when they attempt to connect to the eBike via the eBike Flow app. This includes the serial numbers of the components that are marked as stolen. In addition, the connection with the eBike Flow app is permanently blocked. It is no longer possible for the eBike to receive over-the-air updates or for custom riding modes to be selected. Dealers also receive a warning in the DiagnosticTool, the diagnostic software from Bosch eBike Systems, when they connect the eBike for servicing.

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Centralized storage, system-wide impact

This is made possible by the digital allocation principle used by the smart system. All the components of an eBike – the motor, the battery, and the display – have a unique registration in the system and are linked to a specific user profile. If the user marks their eBike or battery as stolen, this information is stored centrally and can be accessed from anywhere in the digital ecosystem of Bosch eBike Systems. The eBike Flow app, the DiagnosticTool, and Bosch eBike Support all use the same data. The digital marking can only be removed via the registered user profile.

This function is a valuable addition to the theft protection portfolio of Bosch eBike Systems. The first theft protection functions were introduced in 2018 and the portfolio, which includes eBike Lock, eBike Alarm, and Battery Lock, now offers an additional layer of protection. This makes stealing eBikes an even less attractive proposition and represents a further step toward the Bosch mission of preventing all thefts of eBikes with the help of its smart system.

Extended control functions for commercial users

In addition to its theft protection solutions for private use, Bosch eBike Systems is also expanding its range for commercial users. This is because eBike sharing providers, rental firms, and company fleets need active control options, for example if eBikes are not returned. The [Bosch ConnectModule](#) from Bosch eBike Systems allows motor support to be deactivated remotely.

Commercial users also have direct access to operating data via a cloud interface, including battery level, range forecast, service intervals, maintenance requirements, GPS position (if tracking is activated), and usage statistics. This can be integrated into existing fleet management systems and will play a key role in the growing market of professional eBike fleets. The extended control functions are available immediately to commercial users.

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Basic information:

Bosch has been present in Hungary since 1898 with its products. After its re-establishment as a regional trading company in 1991, Bosch has grown into one of Hungary's largest foreign industrial employers with currently nine subsidiaries. In fiscal 2024 it had total net sales of 2058 billion forints and consolidated sales to third parties on the Hungarian market of 313 billion forints. The Bosch Group in Hungary employs more than 17,400 associates (as of December 31, 2024). In addition to its manufacturing, commercial and development business, Bosch has a network of sales and service operations that covers the entire country.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 418,000 associates worldwide (as of December 31, 2024). The company generated sales of 90.3 billion euros in 2024. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 490 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 87,000 associates in research and development

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