Arivo

New Generation of Parking Hardware

At this year's PARKEN trade fair in Wiesbaden/Germany, Arivo presented its new generation of parking hardware. Two core components were showcased: the cashless payment terminal and the exit station, which is used at the exit of barrier-controlled systems—representing Arivo's hardware portfolio.

"A parking system that only receives a manual update every two years is simply not built for the world we live in—let alone the one we're heading toward," said Dominik Wieser, founder and CEO of Arivo. "Traditional, hardware-heavy systems are often limited by complex configuration, high renewal costs, and a lack of flexibility to meet evolving demands." Arivo set out to change this—with a platform designed to grow alongside its customers' needs and redefine what modern parking infrastructure can look like.

According to Arivo, all hardware components are fully integrated into a central software ecosystem that supports continuous development, effortless scalability, and long-term adaptability. Each device is built to be robust, reliable, and intuitive to use.

Intuitive Interfaces and Auto-Pairing Setup

The new product line combines contemporary, minimalist design with large touch displays and clearly structured user interfaces for a seamless user experience. Thanks to Arivo's auto-pairing technology, there's no need for manual setup of IP addresses, IO contacts, or payment terminal configurations. Setup is as simple as pairing Bluetooth headphones with a smartphone. Devices can be installed or replaced in just a few minutes—no technical expertise required. This reduces operator dependence on service teams and enables quick on-site responses.

Updates are rolled out automatically and step by step. "With built-in fallback systems, there's no risk of downtime due to updates," notes Dominik Wieser. Software is downloaded in the background during the day and activated overnight via restart. If an error is detected, the device automatically restores the previous stable version.

Integrated Emergency Call Feature

Each device includes a built-in emergency call function with a configurable contact number, allowing customers to reach the operator's support or customer service directly from the terminal. Authorized staff can open devices via QR code, eliminating the need for physical keys or key safes. This simplifies operations and reduces administrative workload.
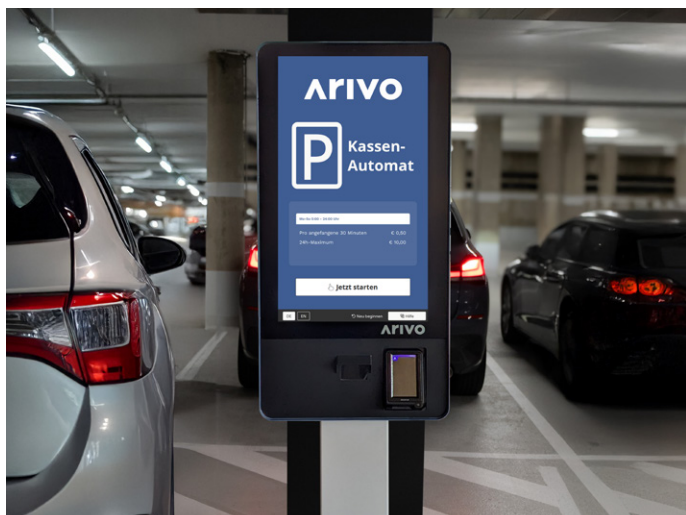
From the hardware housing to the motherboard, Arivo developed its hardware entirely in-house and partners with an Austrian manufacturing firm for production. Using the same components in each device and full control over all key components ensures high supply chain reliability, long-term spare part availability, and independence from external suppliers, says Arivo.

"We may not know which features will matter most three years from now, but we know our customers will be ready with Arivo," says Dominik Wieser.   ■

Exit station

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Cashless payment terminal

Presentation of a barrier-controlled system by Arivo at this Year's PARKEN trade fair in Wiesbaden.