

EMBARGO until 7.10.2025 14:30

Busworld marks the shift from demo to deployment in bus autonomy

SmartDEPOT™ is the first and only known autonomy system delivering daily driverless depot operations now - where operators get ROI from day one

Brussels, Belgium - October 7, 2025 - Autonomous Systems unveiled SmartDEPOT™, an autonomy system that lets buses drive themselves across the depot - to wash, charge, service, and park - with no driver on board. Built for the realities of busy yards, SmartDEPOT turns autonomy from a demo into daily deployment, delivering measurable savings and safety improvements.

“Busworld is where our industry moves from demo to deployment. SmartDEPOT™ delivers daily driverless depot operations today - creating capacity, boosting safety and cutting costs.”
— Jan Gramatyka, Business Development Manager, Autonomous Systems

Why depot-first wins

Street autonomy starts in chaos; depots don't. Gates control access, movements repeat, and there are no passengers on board - the ideal environment where autonomy works safely and pays off from day one.

Proven results operators can bank on

- €88,000 labor savings per bus over 12 years
- 35 minutes saved per bus, per day - about one extra month of service time each year
- ~3 fewer minor collisions per week in a typical depot
- **At 100 smartbuses: €8.8M saved and 1,700+ driver hours back every month - like adding 12 e-buses with drivers, paid for by replacing ordinary buses with smartbuses**

What makes it operations-ready

- 360° perception with redundancy, tuned for indoor and outdoor yard operations
- No major infrastructure changes - works in any depot; low entry barrier from vehicle one
- LIDAR-centric safety to reduce blind spots and minor yard incidents

Available to OEMs - here and now (Europe)

SmartDEPOT is available for OEM integration in Europe: designed to layer onto drive-by-wire platforms and integrate with depot systems.

First and only known operations-ready depot autonomy package for OEMs - not an R&D demonstrator.

One screen to run the shift

SmartDEPOT™ Mission Control is the smartbus control centre: a single view of the yard, vehicles, and missions (wash/charge/park). It adapts as conditions change so the shift ends quietly - with the fleet staged for morning pull-out.

About Autonomous Systems

Autonomous Systems is creating the smartbus category: ordinary buses upgraded with SmartDEPOT™ to drive themselves in the depot - without a driver on board - returning time to service and improving safety. The company builds from depot autonomy to future on-road operations in a pragmatic, value-first roadmap.

Media Contact

press@autonomous-systems.pl