aldrivers

Autonomous Mobility. Only Do Better



AIDRIVERS

At Aidrivers, our mission is to accelerate autonomous mobility technology to meet industry needs for resiliency, safety and sustainability.







The port industry is suffering from high operating costs, labour shortages and inefficiency.







BUILDING WORLD'S SAFEST AI DRIVER FOR PORTS AIDRIVERS' AUTONOMY

Autonomous Retrofitting existing port terminal trucks that meet the industry needs today without any infrastructure upgrade for sustainable future.







PLUG-IN PLAY INTEGRATION ZERO DOWN-TIME DEPLOYMENT



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PORT HORIZONTAL TRANSPORTATION PRESENT AND FUTURE



abour shortages, low productivity Inefficient use of resources Environment / Infrastructure upgrade, Expensive, Unscalable, Fixed Path

Automated



No need for infrastructure change, Cost-effective, Accessible, Scalable,





AUTONOMOUS PRIME MOVER

Providing sustainable autonomous transportation in ports that meet industry needs and regulations

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PLUG AND PLAY AUTONOMOUS RETROFITTING KIT



EFFICIENT ENERGY CONSUMPTIONS TO SAVE THE ENVIRONMENT REDUCING EMISSIONS WITH ZERO WASTE



Aidrivers is building an amazon from the industry wastes. Driving with Aidrivers means you join a community of sustainable ports community who is protecting the planet and keeping everyone safe.



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AIDRIVERS TECHNOLOGY OPERATES ACROSS ALL PORT EQUIPMENT PLATFORMS



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BEYOND INDUSTRIAL AUTOMATION SAFETY UNCOMPROMISED SAFETY

- Aidrivers designed its Ai enabled Autonomy safety case based on industrial functional safety standards, customer best practices and autonomous expertise.
- Aidrivers is re-defining the next generation standards for L4 industrial autonomous safety in design





RETROFITTING SYSTEM

airs

Autonomous intelligent retrofitting system with drive-by-wire manager for precision drive control system with fail-safe mechanism, specialised design for complex articulated vehicle of any powered fuel engines. AIRS is energy efficient with safety for autonomous drive.

Precision Drive Control

Low-level adaptive control engines for different vehicle speed and **drive behavioral profiling** with high resolution intelligent digital control.

Vehicle Robotics with 3 Drive Options

Self-aware vehicle robotics with embedded intelligent and integrated engine control which provides 3 mode of drive experiences 1) **autonomous**, 2) **remote** and 3) **manual** drive.

Safety

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The vehicle robotics with redundancy to provide **fail-safe** mechanism and **secured** end-to-end **communication** for performance reliability.



AIPER – AV VISUALISER

L1.6

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AV Data Analyzer | Ai Data Insight | Diagnostics | Safety Assurance

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INTELLIGENT FLEET OPERATOR

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V2X | Scheduling | Path Planning | Perception Map



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ACCELERATING AUTONOMOUS MOBILITY AUTOMATION



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AR ENABLED REMOTE DRIVE AND CONTROL
 ENHANCED TELEOPERATION WITH SAFETY







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