KRATOS

Kratos Defense
Autonomous Trucking Overview

Applications of Autonomous Trucking

Kratos delivers dual-use technologies developed for national security, adapted for commercial deployment

Our Mission

Deliver the value of self-driving truck technology quickly and safely, addressing key challenges across industries critical to national security





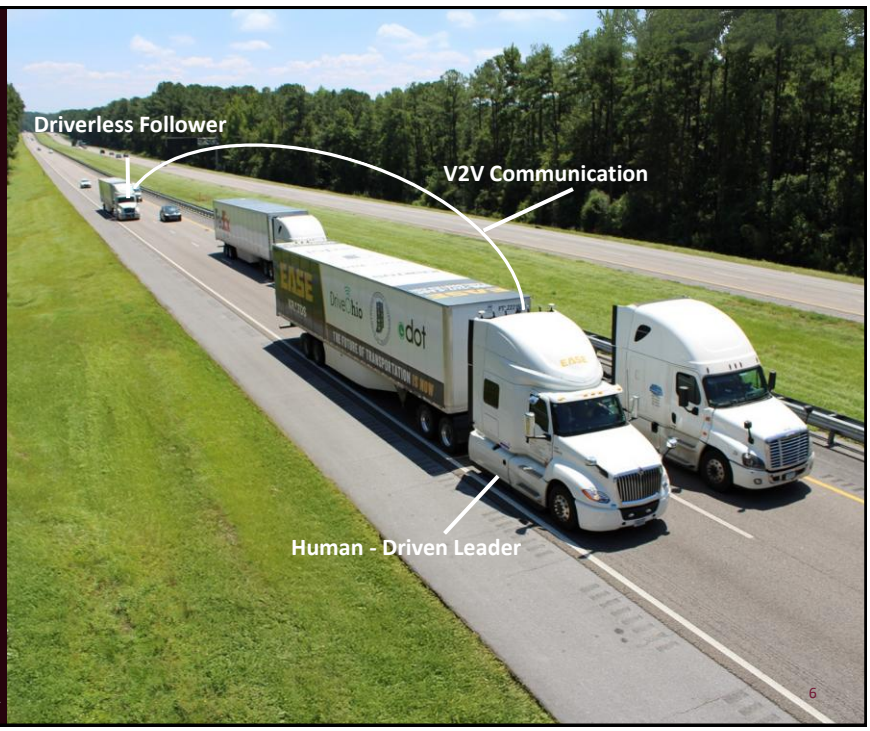


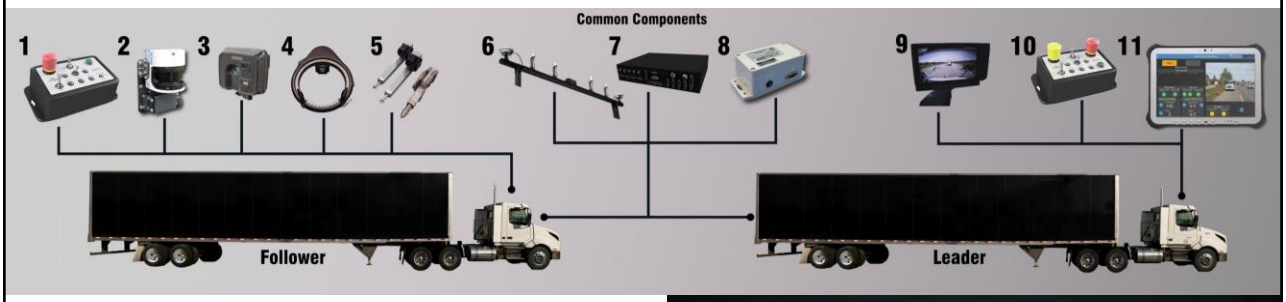
We have developed a versatile solution, adaptable across multiple industries within challenging environments.

Kratos deployment model offers meaningful value to clients

- More efficient and less variable driver costs
- Increased revenue per truck with potential to more than double asset utilization
- Stronger ROI through optimized up-time
- Reduced insurance costs

Platooning offers industry recognized advantages over autonomy





- **Use your existing fleet**
- **Transferable technology between vehicles**
- **Tractor/Trailer agnostic**
- **Maintain Core maintenance procedures**

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Operational Deployments

Deployed across multiple industries

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Defense

Reliable, threat-representative systems with multi-mode control and retrofit options to enhance warfighter readiness.

Tele-Operation

UHF Mesh and Cellular Network configurations enable remote control and monitoring

Path Following

Pre-loaded high-definition map data enables vehicles to follow pre-programmed routes

Operational Features:

- Operational up to 70 mph
- Vehicle and datalink independent
- Multi-Vehicle simultaneous control up to 10 vehicle convoy/formation configuration
- Preprogrammed waypoint navigation from uploaded routes
- Modular operator configurations/Real- Time video display
- Operator Payload control
- Telemetry/Command communications to/from the remote-control console
- Independent safety systems







Infrastructure

The Autonomous Truck Mounted Attenuator (ATMA), deployed in a Leader-Follower Platoon has gained global recognition as a critical Work Zone safety system.

- Clearly Defined Objective: **Safety**
- Operating Speed: **≥20mph**
- Operational Design Domaine (ODD): **Work Zone**
- Infrastructure Requirements: **None**

Key Milestones:

- First self-driving TMA vehicle deployed to active Work Zone operations
- 18 ATMA systems deployed nationwide
- Multiple ATMAs deployed without a Safety Rider – *No one in the vehicle*
- Customer base includes multiple State and Federal DOT agencies
- Received industry recognition as a Critical Safety System
- Operated by maintenance crews with minimal technical expertise
- Aligned to multiple DOT agency safety initiatives


Agriculture

First of its kind auto-platooning deployment addressing the impacts of driver shortages within the agriculture industry.

- **First auto-platooning deployment in North Dakota**
- **Thousands of miles operated**
- **Addresses industry-wide driver shortage issue**
- **Positive legislative and public perception**
- **Rural deployments historically ignored by tech providers**

Key Milestones "Firsts"

- Auto-Platooning Plan approved by NDDOT
- Northwest Passage self-driving truck deployment
- Agriculture hauling operation
- Winter weather deployment under harsh snow/ice conditions
- Temperature extremes ranging between -6 to 20
- Caged Flatbed Trailers
- 99,000 lb haul deployment (each truck with fully loaded trailer)

Renewable Energy

Pioneering auto-platooning with the nation's largest agriculture cooperative to strengthen short-haul internal supply chain operations.

- **Maintains operational capabilities during driver shortages**
- **Maximizes operational and transportation efficiencies**
- **Optimizes production capacity with increased product per delivery**
- **Enhances safety**

Key Milestones:

- First Auto-Platooning Plan approved by MnDOT
- 1,200,000+ lbs of Soybean Crude Oil hauled to date
- Thousands of miles operated
- Performed "soft deployment" in FL approved by FHP and FDOT
- Select route is run 12,000 times per year
- First self-driving trucks deployed with tanker trailers

Timber Hualing

Bringing auto-platooning to the Canadian logging industry where road conditions are rugged, weather is harsh, and qualified drivers are hard to find.

- **First to haul loaded trailers in auto-platooning**
- **Collaborated with multiple industry stakeholders**
- **Deployed hundreds of miles**
- **Proven performance in complex off-highway routes**

Key Milestones:

- Deployed over 1200 miles across Canadian roadways
- Operated at full speeds in forest and off-pavement terrain
- Validated performance supporting complex driving scenarios
- First self-driving truck deployment to haul loaded timber trailers
- Proven in day/night, harsh weather, and extreme cold conditions
- Key enabler to the development of Canadian AV regulatory framework

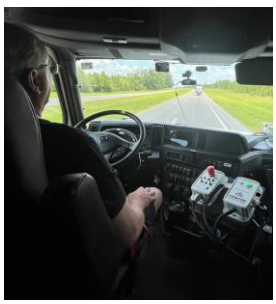
Logistics

Enhancing logistics performance through auto-platooning: safer operations, greater efficiency, fewer drivers required.

- **Supporting the I-70 Truck Automation Corridor Program**
- **Deployed along a major freight corridor between IN/OH**
- **Serving logistics routes connecting multiple suppliers**
- **Demonstrated seamless integration to normal operations**

Key Milestones:

- First multi-State auto-platooning deployment along I-70 Corridor
- 2700+ miles driven and over 50+ hours in auto-platooning since April
- 60+ commercial deliveries completed in first 3-months of operation
- Delivering real-world operational and performance validation data
- Demonstrating scalable viability as an enabling technology
- A key contributor to the U.S. AV regulatory framework development



Motorsports Logistics

Extending the I-70 TAC program to motorsports logistics delivering NASCAR wheels, tires, and pit gear to the Brickyard 400.

- **Proven delivery execution for a global racing event**
- **Dual-Use technology adapted to motorsports logistics**
- **Validated in fast-moving time-critical industry**
- **Demonstrated viable in managing schedule-driven spikes**

Key Milestones:
- 200-mile multi-state deployment
- Deployed from Charlotte NC to Indianapolis Motor Speedway
- Demonstrated AV deployment without overhauling existing workflows
- Collaboration with multiple stakeholders; NASCAR, IMS, Champion, Goodyear
- Showcased scalability as an extension to the I-70 TAC program
- First auto-platooned delivery in motorsports logistics

We are well-positioned to lead autonomous trucking across multiple national security adjacent industries

Established leader in significant market segments

Validated use case offers tremendous customer value

Aligned high-value strategic teaming partners

Competitive landscape is mostly focused on other segments providing an open playing field

We have self funded all development and own the IP

Created a business model that generates customer value and operational efficiency

Driven by a strong market-focused strategy with clear competitive advantages, we are aligned for significant growth and long-term success.

KRATOS

Thank you!

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