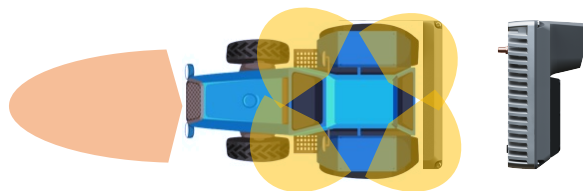


EdgeFirst AI Perception Technology

Designed for the challenges of developing perception for harsh off-highway applications



**Deep
View
Enterprise
Tool Suite**



**Pre-Optimized AI Models and Reference
Apps**

Sensor Fusion Inference Engine

SDKs and Porting Kits

**Form Factor Smart Sensor Reference
Designs**

- Purpose-built AI models, dataset management and auto-annotation tools
- Reduce development time, cost, risk by >10x

- Hi-fidelity visual intelligence for unique sparse or dense data use cases
- AI sensor fusion framework for trusted automation
- Engineered for off-highway vehicle (OHV) and harsh condition applications
- Pre-optimized for power, cost, manufacturability

Example Markets



edgefirst.ai



+1 403 261 9985



info@au-zone.com

EdgeFirst AI Perception Technology Stack

Stack Feature	Benefit
Modular & software based	Freedom to customize & differentiate
Sensor fusion perception framework	Achieve safer trusted detection
Embedded inference engines	Cost & power optimized for edge SoCs
Comprehensive: Pre-optimized AI models & ref apps, SDKs, porting kits	Reduces development time, cost, risk
Support for proprietary models & data	Stronger differentiation: Address unique perception use cases (leaf level)
Industrial grade smart sensor ref modules	Reduces development time, cost, risk
AI models proven in production	Reduced risk

Example Supported Applications

GPS Augmentation



Crop condition monitoring



Plant level data and VRT



People & Obstacle Detection



edgefirst.ai



+1 403 261 9985



info@au-zone.com