VELVAC®
In the Passing Lane Since 1934

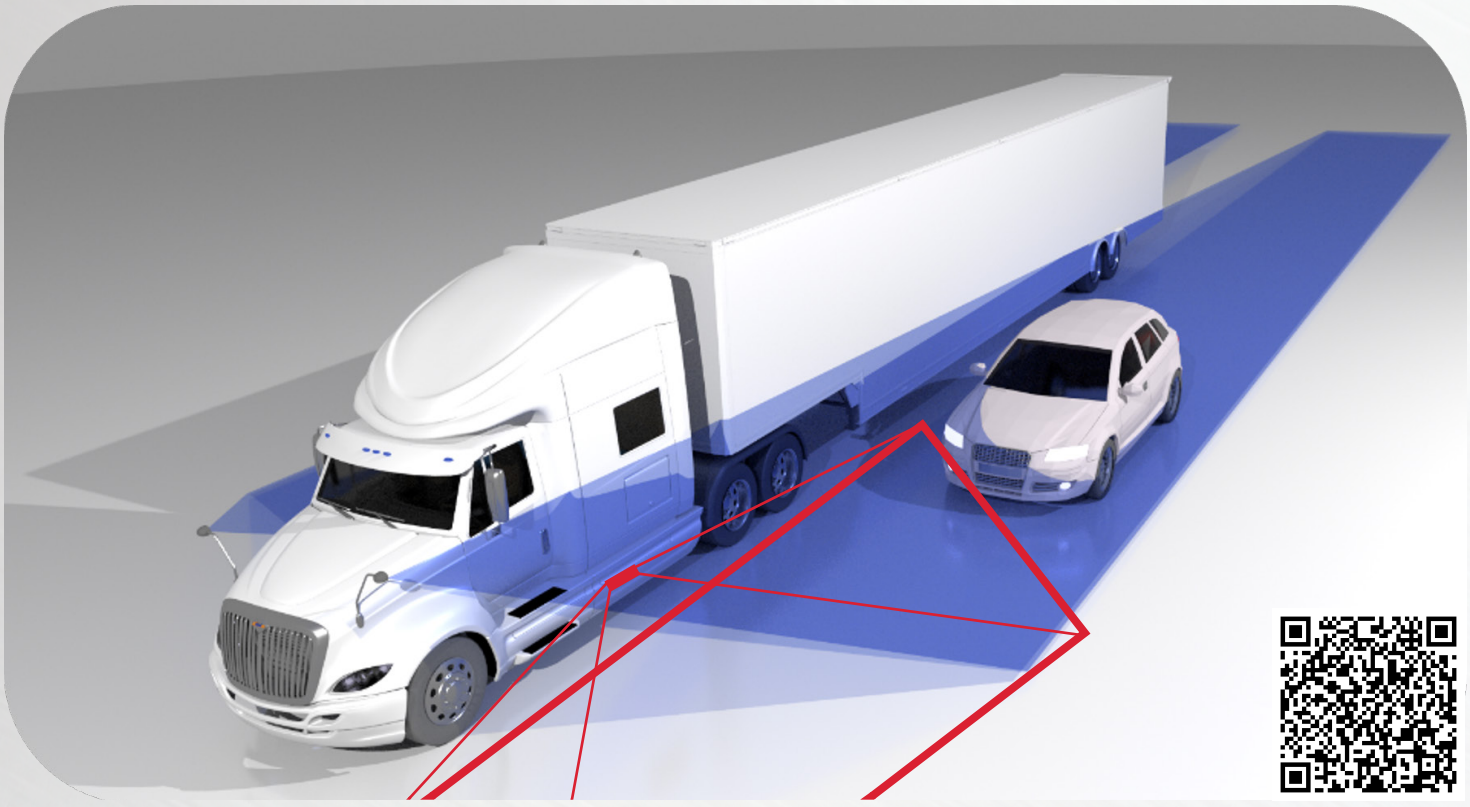
Blind Spot Detection

Radar Detection Problems

- Radar only detects 30-35 feet back limiting use.
- For truck-and-trailer use, would have to be mounted on the trailer which may not stay with cab.
- Reflected surface distortions
- Radar has restrictive mounting tolerances
- Snow/ice/grime build up can block radar signals
- Does not offer post-crash analysis
- Radar requires body penetrations and special harnesses for install.

Camera Detection Solutions

- Cameras can detect 80 feet back offering greater notice and safety for the driver, and enabling installation on full-length truck and trailers.
- Being mounted on the hood mirror means the camera system stays with the cab and continues to function with any trailer or while deadheading.
- Ability to differentiate between objects to minimize false positive results
- Cameras are based in hood mirrors
- Drivers will be clearing their mirrors as a matter of habit
- Mirror-mounted cameras can use recordings post-accident to reduce insurance costs
- Hood-Mount Mirror requires no additional installations for BSD functionality



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Computer Vision Blind Spot Detection

- Trucks have large blind spots, particularly on the right. Side-swipes are a significant safety problem.
- Designed for commercial vehicles, the camera detection zone is two to three times larger than radar detection systems.
- Camera-and-mirror hybrid system provides both active driver alert and visual confirmation of objects in blind spots.
- Installation is as simple as installing a hood mount mirror with one additional electrical harness that snaps in.
- Complete set of tools is included to make system installation and check-out easy and reliable.
- Recording is also available with the same wiring harness & camera used for the BSD system.
- Unit provides visual indication when system isn't working properly.
- Features preferred OEM-style "indicator in the glass" user-interface rather than aftermarket interior icons.

System Benefits

- Active safety provides drivers better situational awareness
- Specific object recognition information for advanced driver analytics and ADAS
- Self-contained for easy aftermarket installation

System Features

- Camera-based object detection
- Configurable detection zone
- Rear Facing detection of up to 80'
- Meets SAE J2802 and ISO 17387
- Proprietary/exclusive s/w algorithms

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