



J-Eye

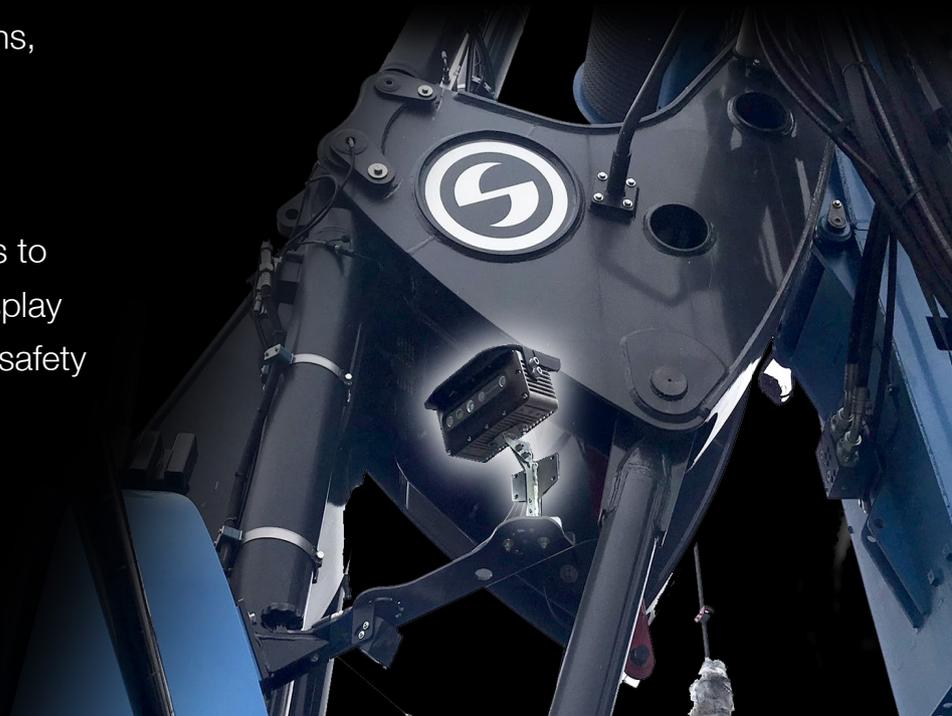
AI vision sytem. Extra eyes on jobsite.

J-Eye is an **AI CCTV Cameras system** with active proximity detection and powerful artificial intelligence designed as a risk mitigation aid to drilling rig operators.



J-Eye ensures improved visibility and enables instant location and recognition of multiple pedestrians, moving or stationary.

When someone enters within a machine's exclusion zone, J-Eye provides visual and audible alerts to the operator using the in-cab display to identify hazards and optimize safety strategies on site.



3 Pre-set detection zones for different levels of hazard control:

- **Green zone:** people standing or moving in proximity to the machine are detected within the safe distance to help increase operator awareness.
- **Yellow zone:** the operator is pre-alerted to a potentially hazardous condition of a pedestrian approaching the rig exclusion zone with visual-audible signaling.
- **Red zone:** audible warning and pop-up notification will alert the operator to a potential critical event. The Operator Display Unit (ODU) will automatically switch view to the camera that detected a pedestrian



J-Eye system

- **7" touchscreen monitor** fixed into the cab for real-time streaming from multiple cameras; camera views switching from the ODU monitor and from the machine control joystick (*BlueTech rigs only*)
- **3 AI eye cameras** with a proximity warning system and real-time video stream that cover the operator's blind spot(s) prior to and during reversing or manoeuvring.
- **3 smart IP cameras** capturing other operational zones of the rig to increase visibility.

The J-Eye system is integrated with the DMS system. Human intrusions detected in the yellow or red zones will be shown on the DMS display and recorded in the DMS event log enhancing operator situational awareness.

J-Eye standalone version with 10" touch-screen in-cab display is available on request.

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