



World Class Red Zone Monitoring Solutions

Salunda's modular Red Zone Monitoring solutions deliver the highest level of protection for all use cases.

www.salunda.com

Tailored Solutions

HaloGuard® leverages optical ranging cameras and AI vision technology to precisely track personnel in monitored areas, reducing risk exposure to as low as practically possible. HaloGuard does not require the use of wearables.

Digital barriers secure high-risk zones, restricting access to essential personnel only. Unauthorised barrier breaches trigger instant alerts to the area authority.

Integrating High Definition (HD) and Time of Flight (ToF) cameras into a single Orb, HaloGuard delivers unmatched accuracy and reliability under all conditions.

HaloGuard Orbs can be positioned optimally, minimising units required, simplifying installation, reducing cable runs, and lowering maintenance demands.

Crew Hawk® employs advanced radio frequency technology to track the location of crew around equipment and within designated areas.

Wearable devices identify roles, manage authorized or restricted access, and issue instant personal alerts during zone breaches.

Simultaneously, the area authority will receive an alarm for any zone breach.

Crew Hawk allows users to establish perimeters or virtual zones tailored to the work environment.

Static geo-fenced barriers can be set around hazardous areas and pre-configured for various drilling operations.

For dynamic scenarios, virtual zones can be created around energised equipment, alerting crew members in the 'line of fire' to prevent escalations.



Certified for Zone 1

Combined Or Stand-Alone

Combining advanced wireless and optical technologies, Salunda RZM offers customized solutions, from small-scale applications to complex offshore drilling operations. The highest protection is achieved through the combined use of Crew Hawk and HaloGuard, but customers can start with either system and scale up as requirements grow.

All Salunda RZM solutions include advanced analytics which continually collects data, and delivers heatmaps, zone violation trends, playback, and performance insights, helping customers identify risk patterns, guide coaching, and enhance training and toolbox talks.

Proven Benefits

Salunda's Red Zone Monitoring solutions are deployed across 40+ assets globally, from intervention vessels to dual-activity drillships.

Proven to enhance operational oversight and situational awareness, Salunda RZM boosts crew safety and operational efficiency.

Line Of Fire

Salunda Red Zone Monitoring solutions seamlessly integrate with equipment to prevent 'line of fire' incidents.

Hardware integrations detect energized equipment and trigger instant alerts for at risk personnel. Software integrations stream equipment status and position to generate fully dynamic zones.

Automated equipment pause or stop sequences can be initiated, enhancing crew safety and minimising downtime.



Minimise Exposure



Prevent 'line of fire'



Low Maintenance



Rapid Set-Up





Monitor | Alert | Optimise

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