

Working with our customers to
achieve positive outcomes in
Safety & Productivity

SENTINEL

CABIN INTRUSION

Adjustable distance from cabin zone

Motion cut and Predictive Cut Off to
Prevent Intrusion Limit Overshoot

Key Lockable to Prevent Deactivation

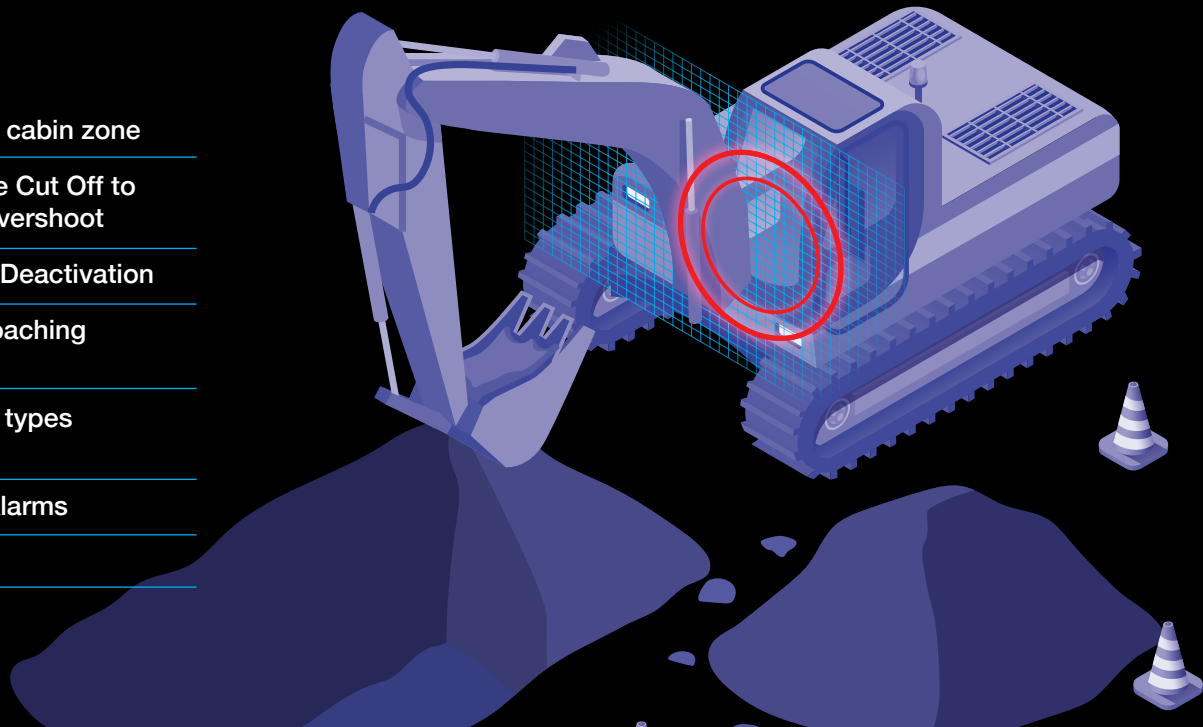
Early Warning with Approaching
Limit Alarms

Adaptable to all Machine types
With Articulating Booms

On Screen and Audible Alarms

Fail to safe valving

Optional Automatic HV
Power Line Detection



Early
Warning &
Prevention



Avoid
Accidents,
Injuries &
Fatalities



Avoid
Costly
Property
Damage



Retrofit
to Any
Machine
Type



Configurable
Cabin
Intrusion
Zone



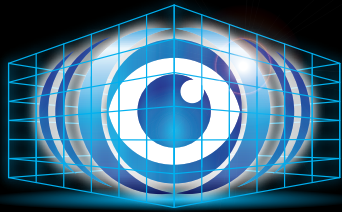
Optional
Automatic
HV Detection

Cabin Intrusion Protection System

Prevents machine damage
and operator injury
Motion Stop with Predictive Stopping
Suitable for Railways, Construction
and Council Demands
HV Detection Option Prevents
Contact with HV Lines even
when machine is on

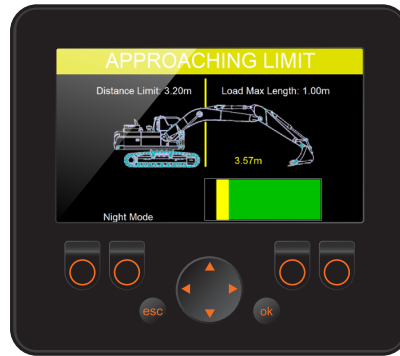
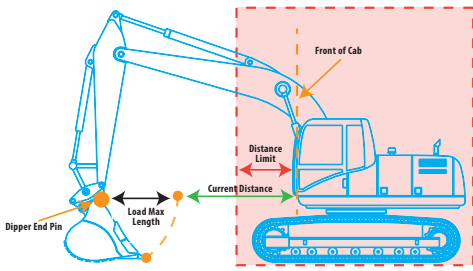


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SENTINEL CABIN INTRUSION

Integrates seamlessly
with **SENTINEL** range
of products by
PRM Engineering



Sentinel Cabin Intrusion Protection System

- The Cabin Intrusion System is designed to prevent machine damage and operator injury when working with long reach excavators and long loads. The system creates an adjustable safety buffer between the excavator arm and the cabin to prevent accidental incursions of equipment and materials into the cab.
- In-cab alarms and on-screen warnings notify the operator prior to reaching minimum cabin limits and predictive motion stop prevents overtravel.
- Optional HV Detection Module allow the system to detect overhead powerlines preventing injury and death during setup and pack up.
- System also works with the range of PRM Engineering Services Sentinel products including Sentinel Vision A.I.

Technical Specifications

Warnings:

Motion Stop and Operator Alarms

Input Voltage:

8V to 30V

Cabin Limiting:

Adjustable Distance from Cabin

Machine Suitability:

Long Reach Excavators,
Material Handlers

Compatible With:

HV Power Line Detection,
Sentinel Vision A.I. Pedestrian
Detection System



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