



# LONE WORKER DURESS SOLUTIONS

To maximise the safety and protection of your field or lone workers, MTData offers robust and reliable solutions that provide live alerting capabilities in the event of an emergency.

Give your workers peace of mind with the PTX1 Basic Solution which offers reliable one-way transmission of emergency alerts. The WorkForce®1 Advanced Solution provides more comprehensive safety features including real-time motion-sensing, and fall-detection.



Lone Worker Solutions feature worker worn devices for events outside of vehicles

These Lone Worker Solutions interface with the vehicle's tracking unit, providing live information, including the location of the driver and vehicle at the time of the triggered event. Alerts can be sent to nominated recipients to follow a defined procedure or be diverted directly to emergency responders. This system allows operators to enhance the safety of their drivers whilst ensuring Chain of Responsibility compliance.



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## Maximise work safety

Safeguard your workers in hazardous environments and in the event of an emergency with user-worn alerting technology.



## Real-time tracking for critical response

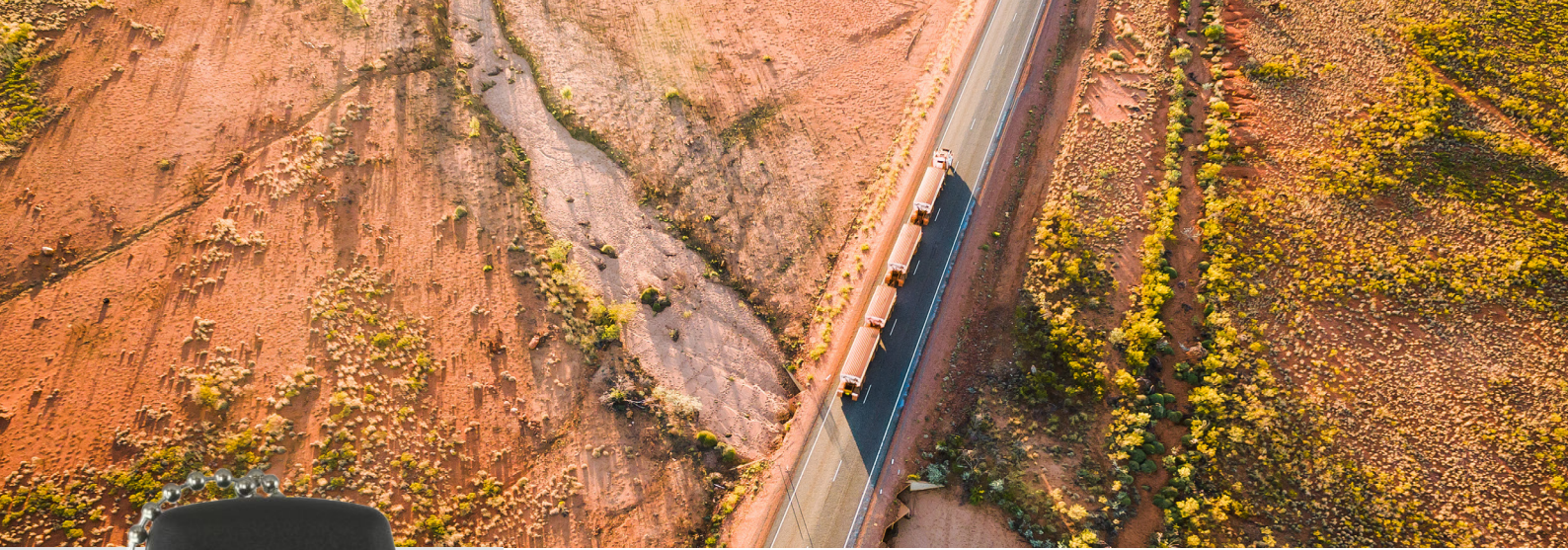
Track live location of an accident for fast emergency response and procedures.



## Ensure Chain of Responsibility Compliance

Have confidence that your business is complying with Chain of Responsibility obligations.





## LONE WORKER DURESS SOLUTION

# PTX1 BASIC

The PTX1 Basic Lone Worker Duress Solution is a complete system that includes a Remote Pendant and a Receiver. The Remote Pendant is a user worn accessory that can be attached to a lanyard or hip holster. Once pressed, the Moisture proof inner membrane button illuminates.

The PTX1 Basic solution integrates with the tracking unit, providing live information, including the location of the driver and vehicle at the time of the triggered event. Alerts can be sent to nominated recipients to follow a defined procedure or be diverted directly to emergency responders. Give your field workers the peace of mind that a call for help is only a button press away.

## FEATURES

- ✓ Large button design
- ✓ Moisture proof design
- ✓ 12V battery operation
- ✓ Low battery alert
- ✓ Code hopping encryption
- ✓ Latch or momentary signals
- ✓ Crystal controlled +/- 100KHz
- ✓ Weatherproof housing

## Specifications

<b>Encryption</b>	Code-Hopping
<b>Range</b>	500m (Open air)
<b>Frequency</b>	403MHz / 433MHz (Receiver)
<b>Memory Capacity</b>	80 remotes
<b>Battery</b>	12V (23A Alkaline battery)
<b>Voltage Range</b>	10V to 13V DC (Pendant Remote) 9.8V to 26V AC/DC (Receiver)
<b>Current Draw</b>	32mA (Pendant Remote) 20mA (Receiver)
<b>Dimensions (LxWxH)</b>	70 x 37 x 18mm (Pendant Remote) 187 x 104 x 67mm (Receiver)
<b>Gross Weight</b>	31g (Pendant Remote) 235g (Receiver)
<b>Operating Temperature</b>	-7 to 65°C (Pendant Remote) -3 to 65°C (Receiver)
<b>Warranty</b>	12 months

Note: Specifications subject to change



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## LONE WORKER DURESS SOLUTION

# WORKFORCE1 ADVANCED

The WorkForce®1 an advanced Lone Worker Duress Solution featuring a worker-worn, motion-sensing device to help protect workers in dangerous and hazardous environments. The Worker Worn Device uses independent, high performance radiofrequency wireless signaling to a transceiver mounted inside the vehicle.

The WorkForce®1 Advanced Solution provides real-time motion-sensing, including fall-detection, and contains an Emergency Alarm Button to immediately transmit a distress alarm signal. The Alarm Monitoring (AM) version also receives distress alarm signals from other workers equipped with WorkForce® and alerts the user with audible and visual indicators. Each transceiver installed in a vehicle supports up to ten Worker Worn Devices, protecting multiple workers for a single job.

## FEATURES

- ✓ Lone Worker worn device
- ✓ Front manual panic alarm button
- ✓ Motion sensing alarm
- ✓ 15 second pre-alert before transmitting full alarm
- ✓ Advanced fall detection
- ✓ 40 hours of run time
- ✓ 3-4hr recharge time
- ✓ Audible and visual out-of-range alert
- ✓ Receiver supports up to 10 transmitter devices

## Specifications

<b>Encryption</b>	Proprietary Frequency hopping spread spectrum - digital encoded
<b>Range</b>	800m (over flat terrain with moderate foliage)
<b>Frequency</b>	900MHz (ISM license free, spread spectrum)
<b>Memory Capacity</b>	(10) WorkForce®1 pendants
<b>Battery</b>	WorkForce®1 (120VAC, Optional 12VDC, USB 1000mA)
<b>Internal Battery</b>	3.7V nominal, 1960mAh, lithium-ion rechargeable 3-4 hour charge time
<b>Device Run Time</b>	Approx. 40hrs in Sensing Mode 8 hrs in Alarm Mode
<b>Voltage Range</b>	USB powered 4V +/- 5% (WorkForce®1 pendant) 10-34 VDC (MX900-H Transceiver)
<b>Current Draw</b>	Avg 60mA (WorkForce®1 pendant) Avg 22mA (MX900-H Transceiver)
<b>USB Connector</b>	Micro B USB connection for battery charging and WorkForce®1 configuration
<b>Dimensions (LxWxH)</b>	86 x 58 x 32mm (without clip)
<b>Gross Weight</b>	162g
<b>Operating Temperature</b>	-20 to 55°C
<b>Certifications</b>	IP67
<b>Warranty</b>	12 months

Note: Specifications subject to change



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