

Track Worker ROW Location Awareness System™

Radio system that gives location of track workers on ROW



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A Harsco Rail Company



PRODUCT INFORMATION BULLETIN

DESCRIPTION

Roadway Worker Awareness on the Right of Way (ROW) allows the Control Center to know within a few feet exactly where the worker is on the ROW in real time. Communications are bi-directional so alarms and warning can also be sent back to the worker automatically to prevent potential accidents between the worker and moving equipment or trains.

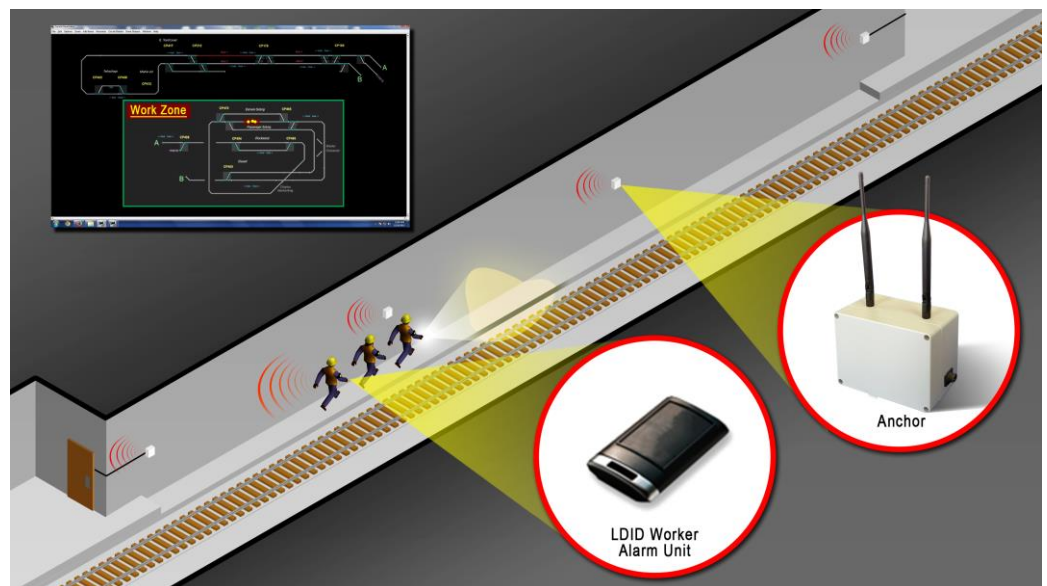
Protran Technology has developed the first radio based triangular location based system which **does not use RFID or GPS** and requires **no tagging in**. Track Worker Location System that **ONLY** detects workers on the Right of Way (ROW) with high accuracy.

APPLICATIONS

Allows the control center to know where track workers, inspectors and moving vehicles are located within high accuracy in real time on the ROW ONLY.

FEATURES AND OPTIONS

- Easy to set up – 1 Protran Anchor system every 800 feet to 1500 feet apart.
- Uses a special Protran developed triangular radio.
- No GPS
- No RFID so No Tagging in
- Easy installation



LDID
Worker Warning Unit



Anchor
Installed every 800 to 1500 ft

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SPECIFICATIONS

Note: Specifications shown are for all models sold after the printed document date at the end of each bulletin.

Flagger Device (FD) PT-0702

(With headset PT-700EP)

Worn on the worker's arm or vest
3¼" x 3¼" x 1¼"
(8.3cm x 9.5cm x 4.4cm)
0.5lbs (227g)



Keypad	Durable sealed membrane keypad: eliminates dust, dirt, and moisture failures
Enclosure	ABS plastic – with IP66 option
Power requirements	Rechargeable

Anchor

Placed in work zone
4 inches x 5 inches x 4 inches
(30.5cm x 20.3cm x 10.16cm)
2 lbs (0.9kg)
Power – 12, 24 or 120 volt



LDID

Worker Warning Unit
1.5" x 2" (3.8cm x 5.1cm)
.25 lb (112g)
3 months battery life rechargeable



PART NUMBERS FOR ORDERING

Item	Part Number
LDID Worker Warning Unit	
Anchor Unit	
Flagger Device (FD)	PT-0702

OPERATIONS

Refer to the Protran Technology
Operation Manual.



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DOCUMENT DATE 10/13/15

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LIMITED WARRANTY STATEMENT

Protran warrants its products, if properly used and installed, will be free from defects in material and workmanship for a period of 1 year after date of purchase. Said warranty to include **ONLY** the repair or replacement of defective equipment. This warranty does not cover damage due to external causes, including accident, problems with electrical power, and usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing. This limited warranty, and any implied warranties that may exist under state law, apply only to the original purchaser of the equipment, and last only for as long as such purchaser continues to own and properly maintain the equipment. Product instructions accompany product shipment. If product instruction required please contact Protran Technology.

This warranty replaces all other warranties, express or implied including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose. Protran Technology makes no express warranties beyond those stated here. Protran Technology disclaims without limitation, implied warranties of merchantability and fitness for a particular purpose. Some jurisdictions do not allow the exclusion of implied warranties so this limitation may not apply to you.

To obtain warranty service, contact Protran Technology for a return material authorization. When returning equipment to Protran Technology, the customer assumes the risk of damage or loss during shipping and is responsible for the shipping costs incurred.

Protran Technology recommends that their equipment be maintained and tested per any CFR, OSHA, NFPA, IEEE, APTA or any other standards for maintenance and testing that may apply.

Protran offers testing, maintenance and training services under our Service and Maintenance contracts to our customers.

The Protran Technology, Harsco Rail equipment pictured in this brochure is intended to illustrate the general appearance and features of this product. It is equipped as specified by a particular customer and may or may not show items that are optional or recommended by Protran Technology, HARSCO RAIL.

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