

# Trespass Warning System™



**PROTRAN**  
TECHNOLOGY

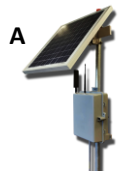
A Harsco Rail Company



## PRODUCT INFORMATION BULLETIN

### DESCRIPTION

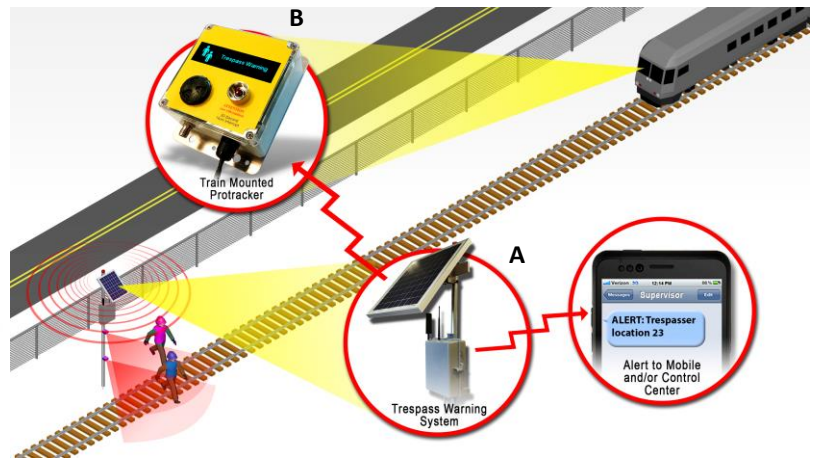
The Protran Technology Trespass Warning System is a standalone system that utilizes the latest sensor technology to detect unwanted intruders. The system has several features of detection in real time that will log in the key data and send it automatically to a supervisor or to the control center. The system can track intruders and give a real time notification to any train in the area.



Solar Panel PT-0020



Train Device (TD) PT-0201 placed in operator's cab  
Interfaces:  
Ethernet, RS232, RS485, RS422, TTL, SPI



### FEATURES AND OPTIONS

- Stand alone with solar panel 12 VDC.
- Text and voice sending features .
- Local safety and supervisor notification.
- Data logging.
- Real time notification.
- Notification to local trains.

### OPERATIONS

Refer to the Protran Technology Operation Manual.



### PART NUMBERS FOR ORDERING

| Item  | Part Number |
|---|-------------|
| Solar Panel (sizes vary; hardware included) | PT-0020     |
| Train Device (TD)                           | PT-0201     |
| Trespass Warning Unit                       | PT-0603     |

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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 of 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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