

COMPASS

Advanced industrial communications and asset awareness



PROTRAN
TECHNOLOGY

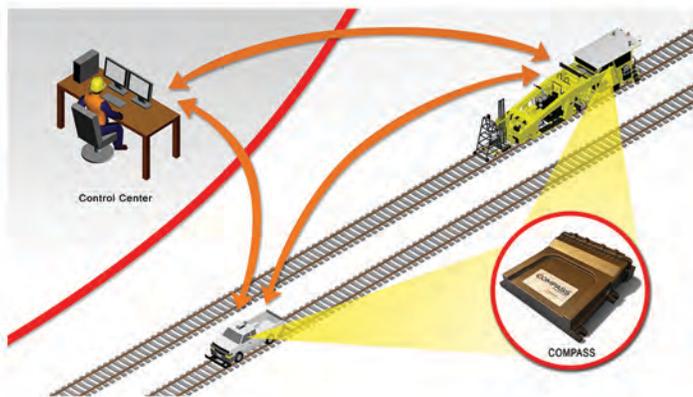
A Harsco Rail Company



DESCRIPTION

Protran's COMPASS is a telematics system that enables railroad and other major fleet operators to achieve real-time asset awareness, productivity analysis, and maintenance tracking across an entire range of vehicles, regardless of their operating location. Using a combination of cellular or satellite communications, the system's automated software platform uploads data to a single location, providing graphical analysis of each machine's activity together with automatic daily alerts for required maintenance, on board system faults, and real-time equipment diagnostics.

In addition, industry specific applications and sensor kits provide even more advanced capabilities tailored to your specific needs. With decreased maintenance and increased productivity, COMPASS is driving information direct to your bottom line.



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SPECIFICATIONS

| COMPASS | |
|-----------------------|---|
| Input voltage | 12-24 VDC |
| Data communication | Cellular or satellite (if cell service unavailable) |
| Enclosure | Glass filled polymer / IP67 |
| Operating temperature | -40°C to +85°C |
| Dimensions / weight | 7" x 7½" x 2¼ (18 x 9 x 5½ cm) 1¼ lbs (½ kg) |



BENEFITS

- Visibility into machine location and awareness
- Detailed machine maintenance information
- Productivity tracking & reporting
- Graphical representation of machine activity
- Automatic daily alerts for required maintenance, engine faults, and diagnostics
- Customized solutions to meet future needs

FEATURES



Location Awareness Map

Provides visibility into fleet location and historical machine movement



Maintenance Reports

Generates maintenance and production reports



Productivity Reports

Compares productivity across the fleet



Production Map

Provides management with ability to track daily performance of individual or groups of machines



Dashboard

Automates data entry and reporting tasks



Compatibility

COMPASS works with rail equipment, construction equipment, fleet service vehicles, and much more.

APPLICATIONS

- Machine location awareness
- Realtime maintenance reports
- Machine productivity comparison
- Production map

PART NUMBERS

- Base kit PT-000597
- 6700 kit PT-000595
- Plaser kit PT-000616
- Drone kit PT-000617
- Mark IV kit PT-000594

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. Specifications, illustrations, and descriptive materials herein were accurate as known at the time this publication was approved for printing. Protran Technology, Harsco Rail reserves the right to discontinue models or options at any time or change specifications and materials, equipment and design without notice and without incurring obligation. Protran Technology, Harsco Rail, is not responsible for operators, workers, and/or pedestrians that ignore or disregard the secondary warning, audible and visual alerts from the system. Contact Protran Technology for warranty information. For operation, refer to the Protran Technology operation manual.

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