

# Top 10 Truck Innovations

Rob Di Cristoforo

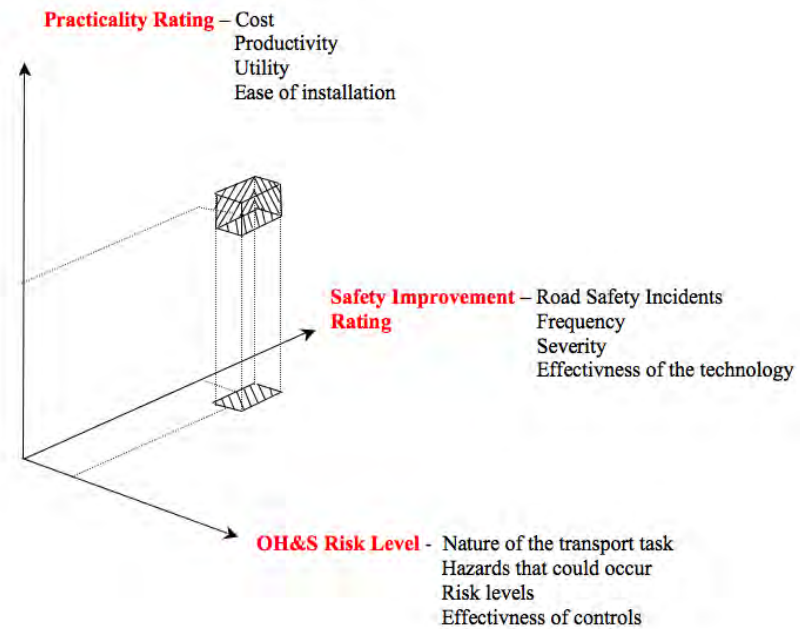
**Advantia**

Peter Hart

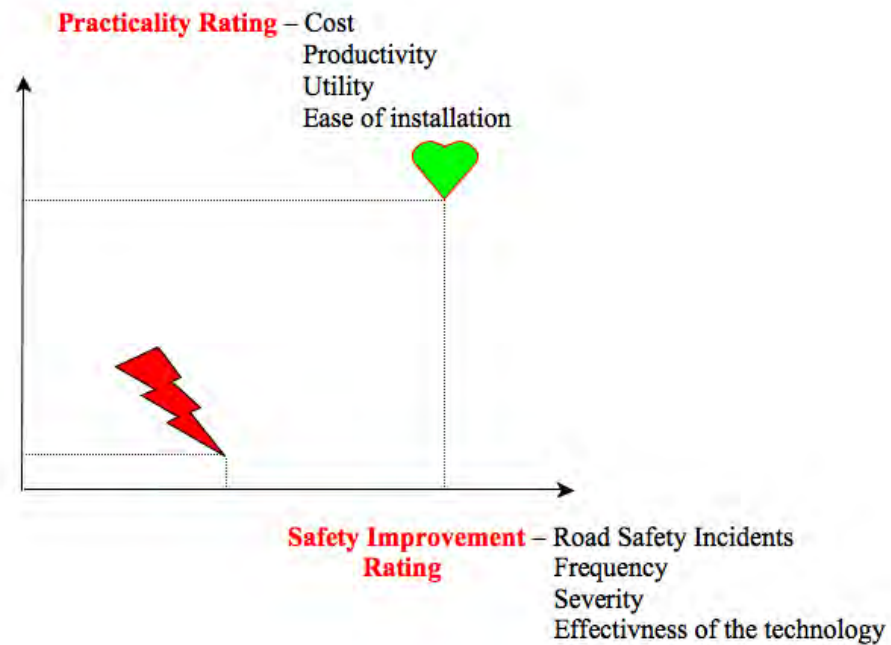
**Hartwood**



# Three ratings



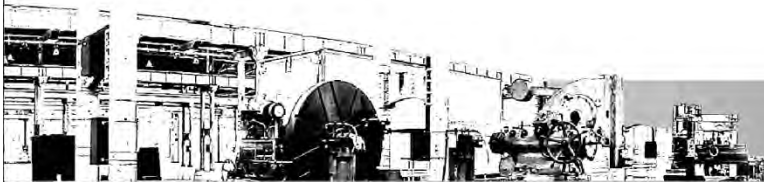
# Our two ratings



## 1 Trailer – Side Under Run Barrier



## 2 Truck – Rear Under Run Barrier



### 3 Driver-Side Airbags



### 4 Suspension Seats with Integral Belts





## 5 Intelligent Speed Adaption / Warning



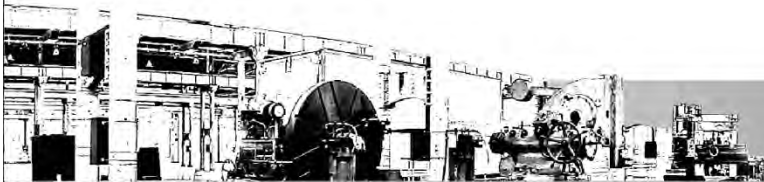
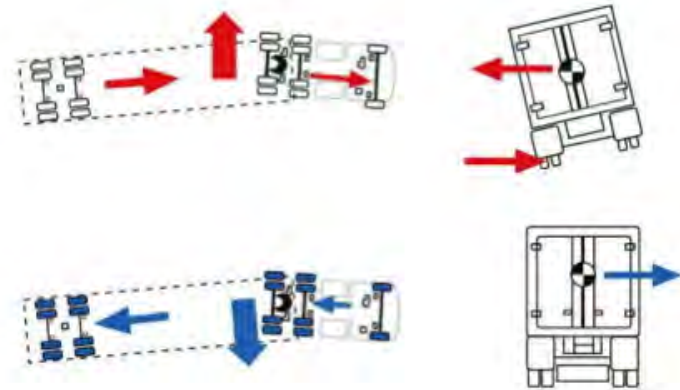
## 6 Vehicle Conspicuity Markings



## 7 Antilock Brake System



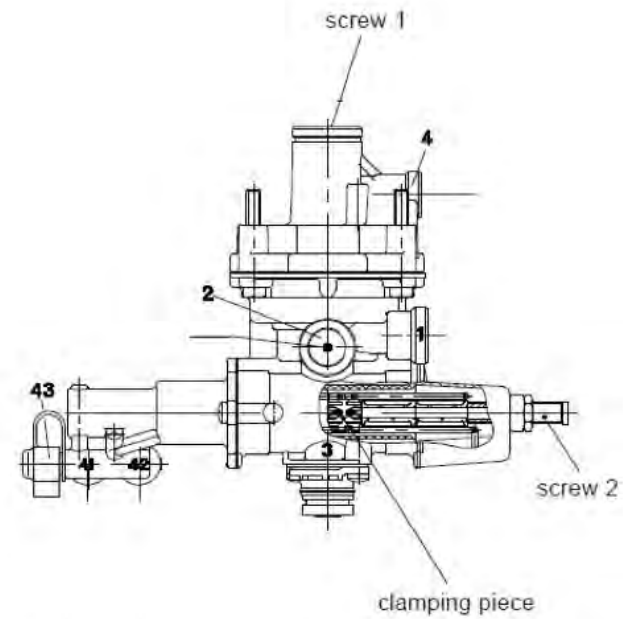
## 8 Trailer Electronic Stability Control (TrEBS)



## 9 Truck Electronic Stability Control

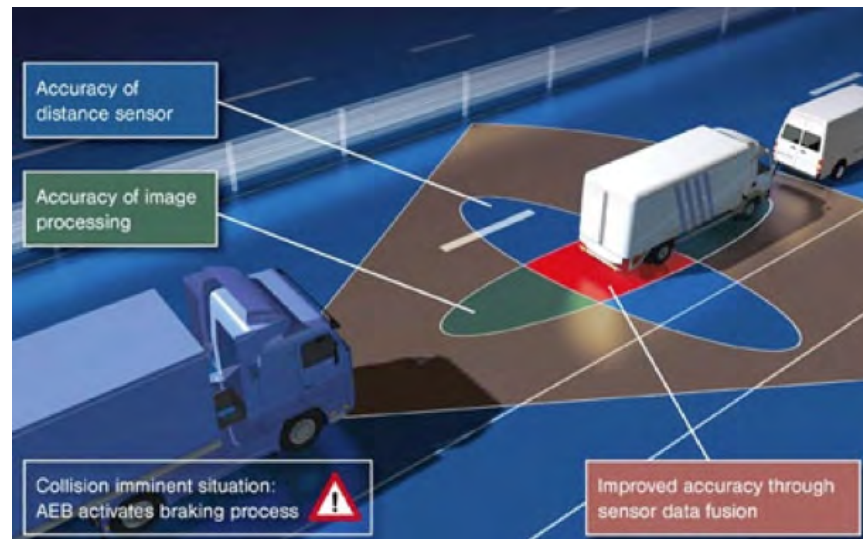


## 10 Load Sensing Brakes

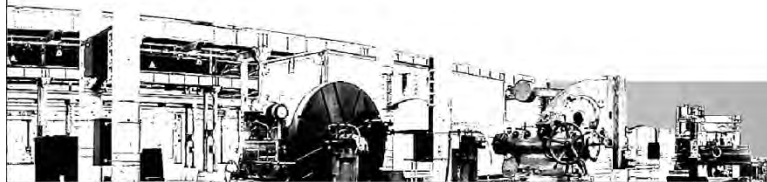




## 11 Autonomous Emergency Braking



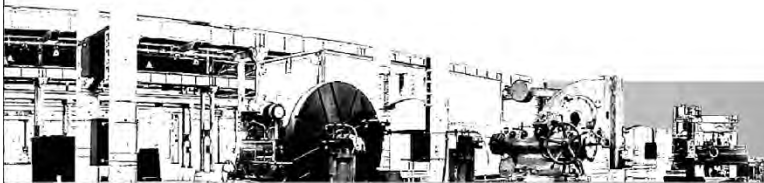
## 12 Roll-Away Safety Brake



## 13 Adaptive Cruise Control



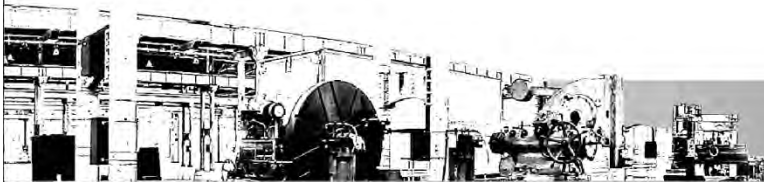
## 14 Lane Departure Warning System



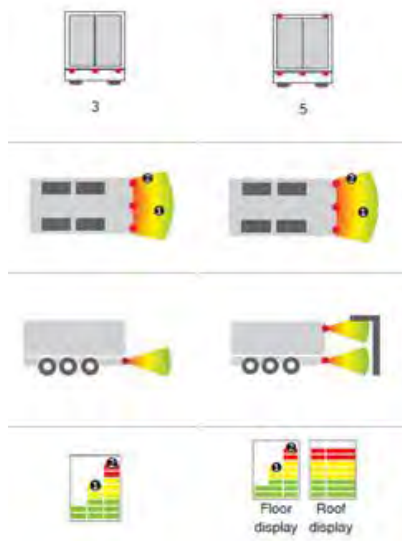
## 15 Automatic Brake Adjusters + S-Cam Brakes



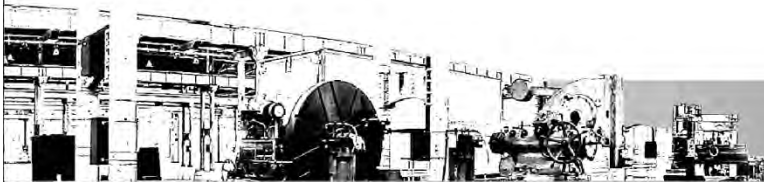
## 16 Disc Brakes



## 17 Reversing Safety Systems



## 18 Truck Ride Quality





## 19 Wheel Nut Locks / Indicators



## 20 In-Cabin Noise Quality

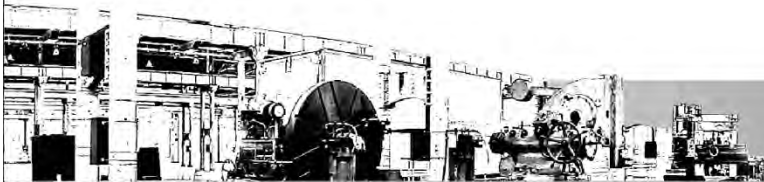
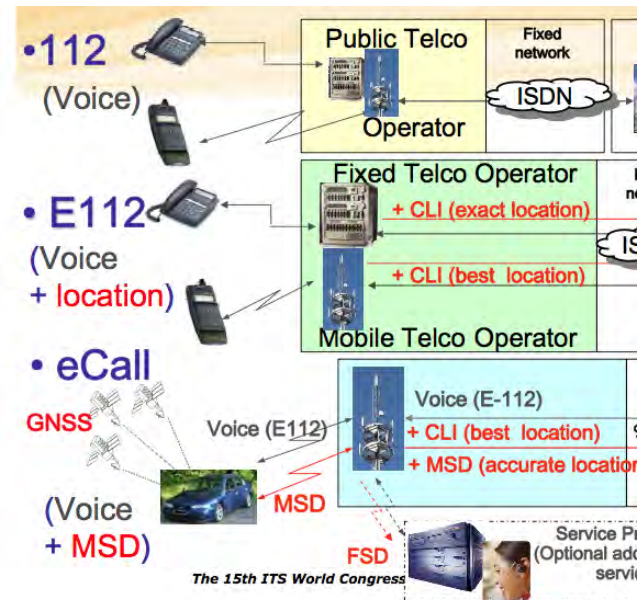




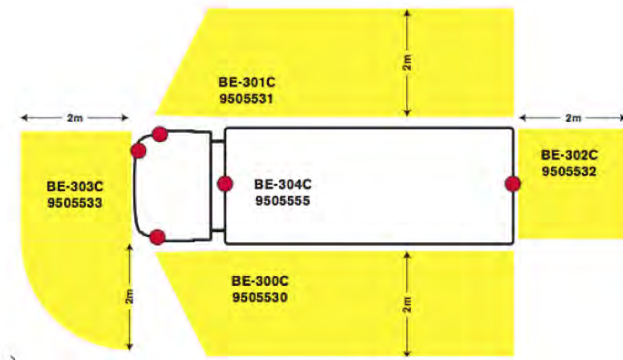
## 21 Telematics + Driver Distraction Management



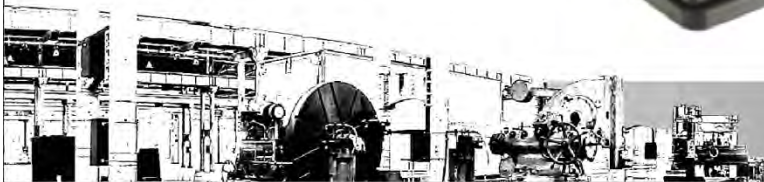
## 22 Automatic Crash Notification



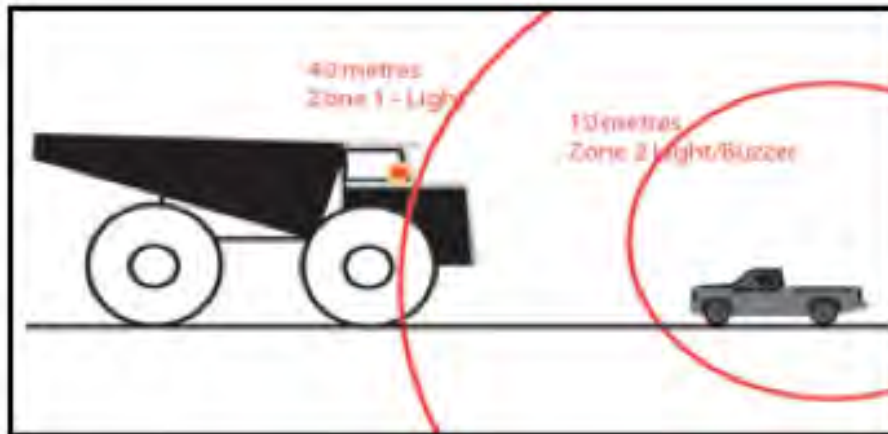
## 23 Blind Spot Elimination Cameras



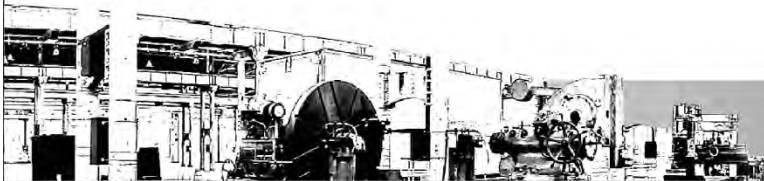
## 24 Night-Vision Enhancement



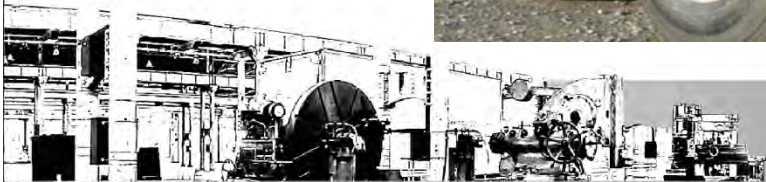
## 25 Rail Crossing Alerts



## 26 LED Signal Lamps on Trailers



## 27 Tyre Pressure Management (CTI)



## 28 Alcohol Interlocks





## 29 Tipping Trailer Stability Management



## 30 Ultra-Sonic Animal Repellers

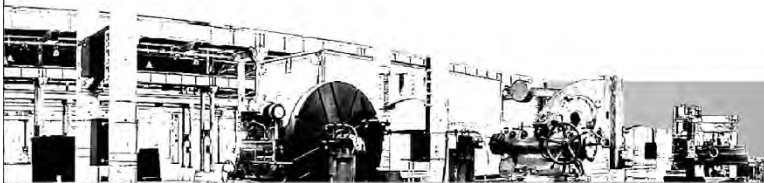
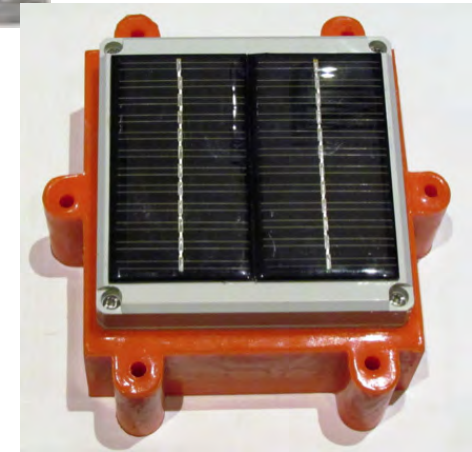




## 31 Driver Fatigue Monitoring



## 32 Electricity Line Proximity Warnings



## **Murphy's First Law of Technology**

The operation of any sufficiently complex technology is indistinguishable from Black Magic

Corollary:

Everyone (including the Service Manager) has a 'Black Magic Level'



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Thanks for your attention

