Critical Issues for Autonomous Trucks...

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ATRI

Trucking industry’s NFP research organization

- Safety
- Mobility
- Economic Analysis
- Technology
- Environment

www.atri-online.org
2016 Top Industry Issues

1. ELD Mandate
2. Hours-of-Service
3. Cumulative Economic Impact of Trucking Regulations
4. Truck Parking
5. Economy
6. CSA
7. Driver Shortage
8. Driver Retention
9. Transportation Infrastructure/ Congestion/ Funding
10. Driver Distraction
<table>
<thead>
<tr>
<th><strong>Commercial Drivers</strong></th>
<th><strong>Motor Carrier Execs</strong></th>
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<td>8. Sleep Apnea Rulemaking</td>
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<td>9. FMCSA Mission</td>
<td>9. Federal Preemption of State Regulation of Interstate Trucking (F4A)</td>
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<td>10. Driver Health/Wellness</td>
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Safety Issues = Legal Issues...

- Safety by the Numbers...
- Tort Issues will destroy the Best of Ideas
  - Negligence vs Liability
- Insurance is King
- Please Define “Autonomous”
  - Reign in “driverless car” PR
  - Smart Trucks Already Exist
  - DATP for a Reason!
  - CV vs AV = 5.9 vs Better?
Trucking Failures Per Quarter

Source: Avondale Partners
Profit Margins of Publicly Traded Truckload Carriers

Percent

2003-2007 Average
2H 2009-Q1 2014 Average

Source: ACT Research
What About …

OTTO?
Questions?

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