

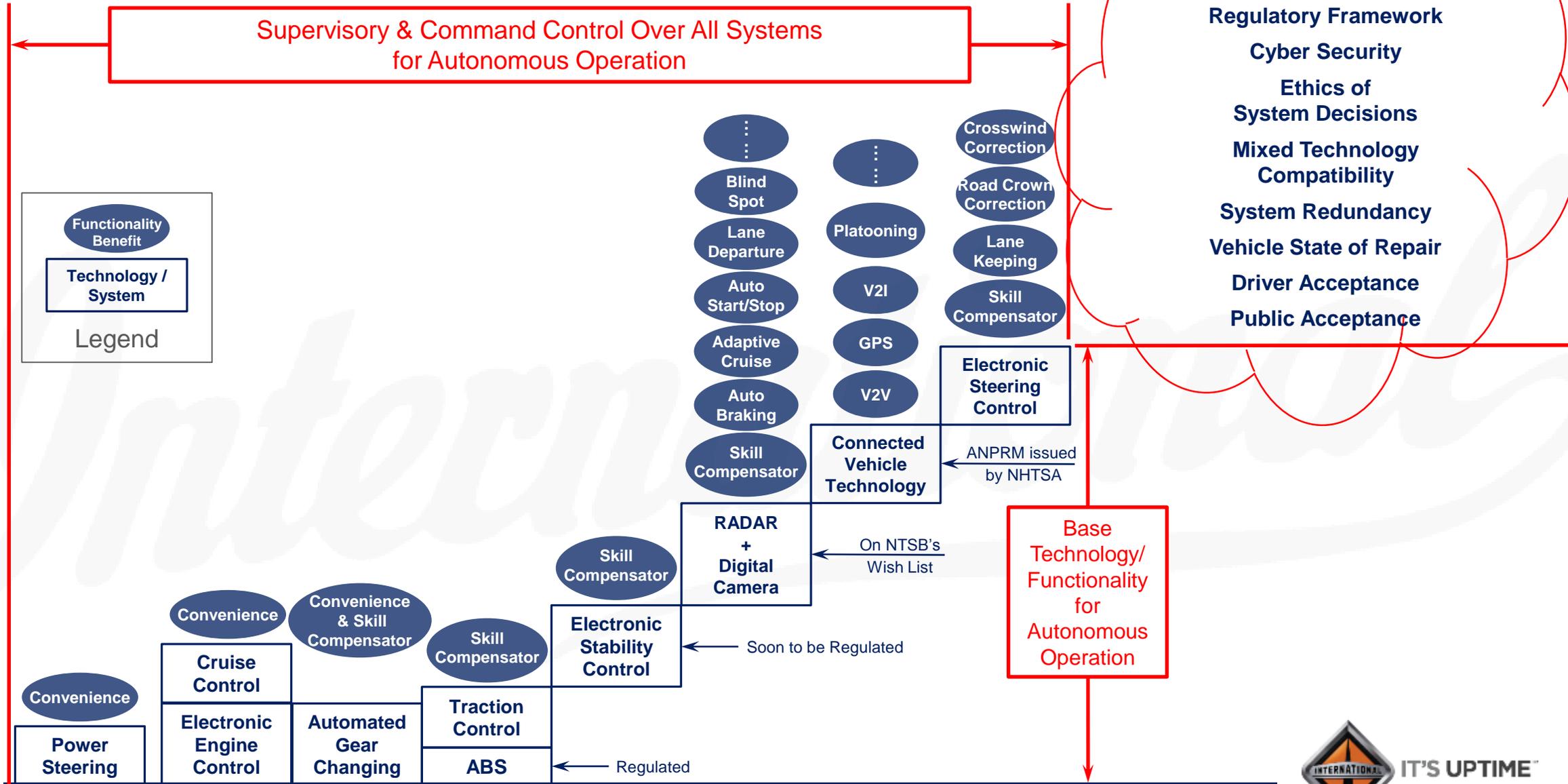
Autonomous Technology for Commercial Trucks

Discussion Topics

- Progression of Autonomous Technologies
- Compelling Rationale
- 3 Megatrends and Why AT Makes Sense



Path to Autonomous Operation



Forward Collision and Avoidance Mitigation

Bendix reporting 70-90% reduction in accidents and 70% reduction in severity of remaining accidents

Bendix's Goal is to help fleets "move over" a category



Vehicle	Near Miss	Property Damage	Injury	Fatality
All large trucks ¹	\$0	\$64K	\$438K	\$10.9M
2010 ²	???	232,000	56,000	3,261

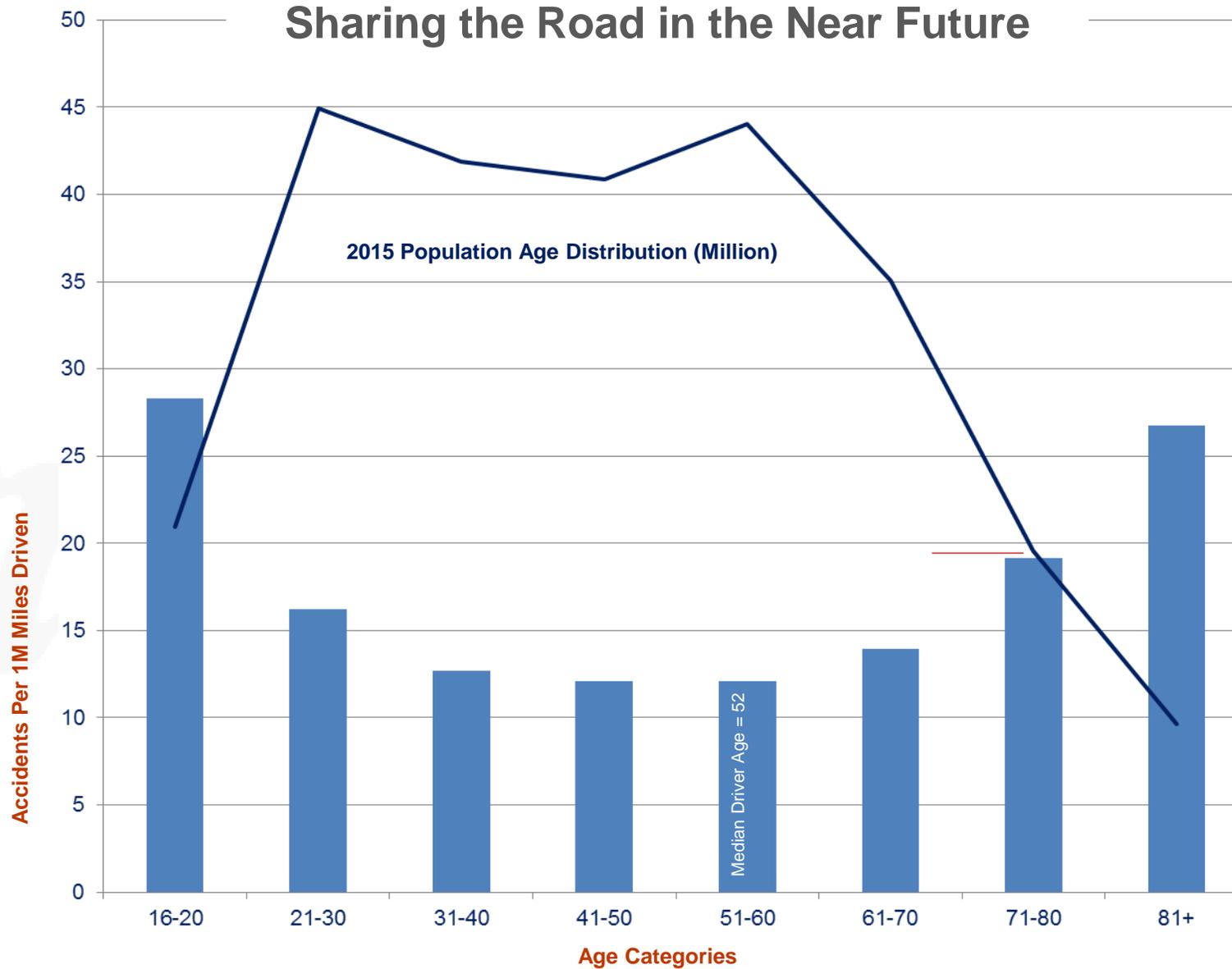
¹ FMCSA, March 2013

² Large Truck Crash Facts, 2010

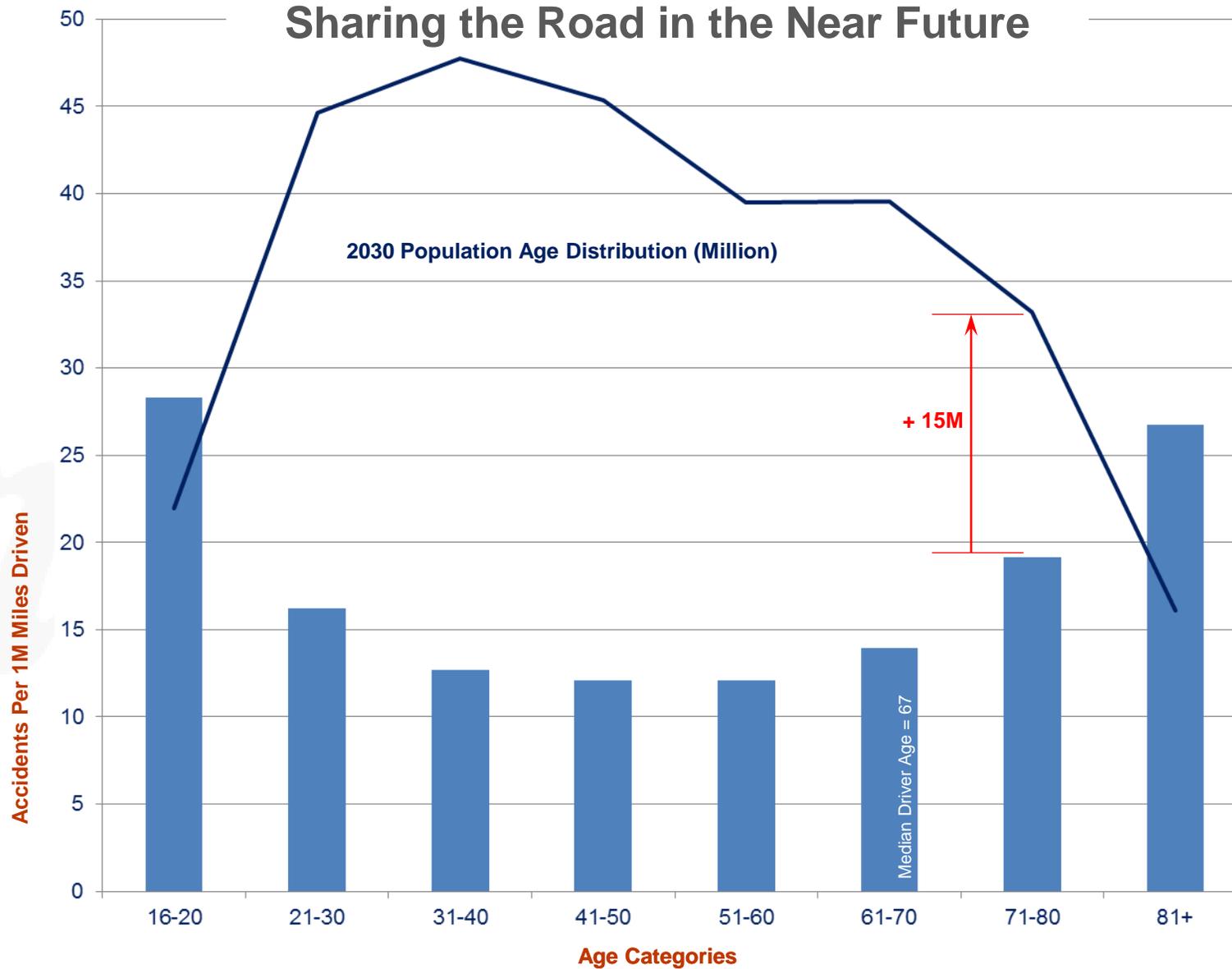
Meritor WABCO reporting 75-87% reduction in accidents and 80+% reduction in severity of remaining accidents



Demographic Trends



Demographic Trends



The “Why”... Addressing 3 Megatrends

Fleets will demand Autonomous Technology to;

- Attract and help new drivers with reduced driving skills
- Help existing drivers with diminishing skills
- Fend off an aging population not willing to give up the steering wheel
 - +5M in 5 years
 - +10M in 10 years
 - +15M in 15 years



A “Real World” Situation

Autonomous technology integration could have prevented this



Lambright told police that she couldn't turn the truck around because there was equipment parked in a lot and she couldn't get turned around. Lambright says she was uncomfortable backing up the semi and didn't think to call police or another driver for assistance so she attempted to cross the iron Paoli bridge.



Thank You!!!

International

