



October 29-31, 2019 | Novi, MI

Innovations in Mobility

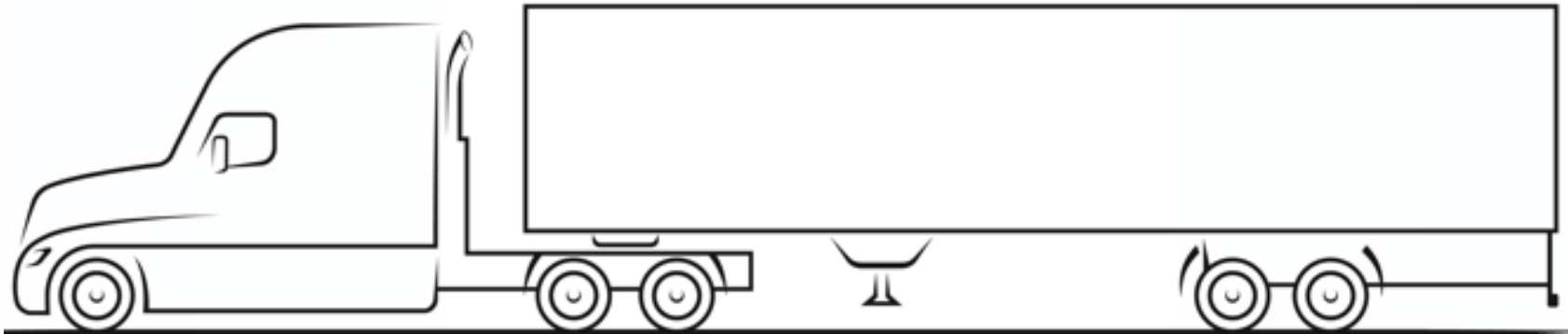
A REVOLUTIONARY TRANSFORMATION

COMMERCIAL VEHICLE'S NEED FOR JA 6268 AND HEALTH READY COMPONENTS

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ATA/TMC “The Future Truck Committee shall promote activities that fulfill its mission, which shall be: To improve transport equipment, its maintenance and maintenance management by efforts to influence future equipment design.”



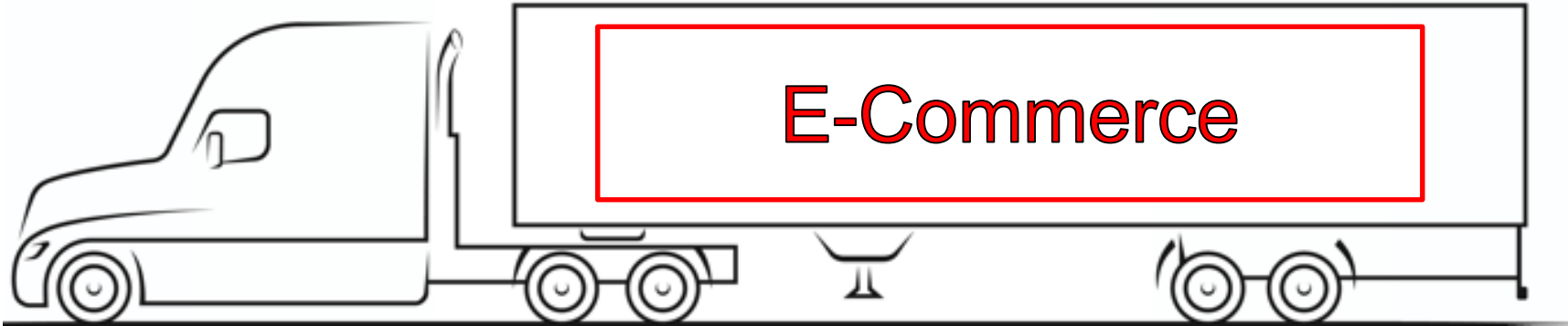
Tractor (Power Unit)

Trailer (Dry Freight, Refrigeration, Flat Bed, Chassis)

Interoperability?

One System?

SAFETY?



**TL, LTL, Long Haul,
Reginal Last Mile**

**Fleets, OEMs,
Tier 1s,**

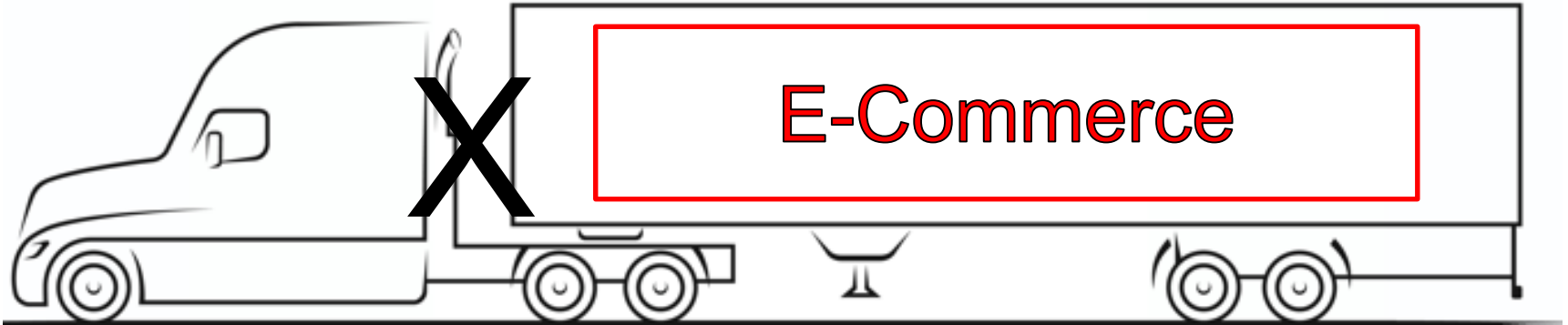
**Enterprise and
Mission Modifications**

One Unit

Interoperability?

One System?

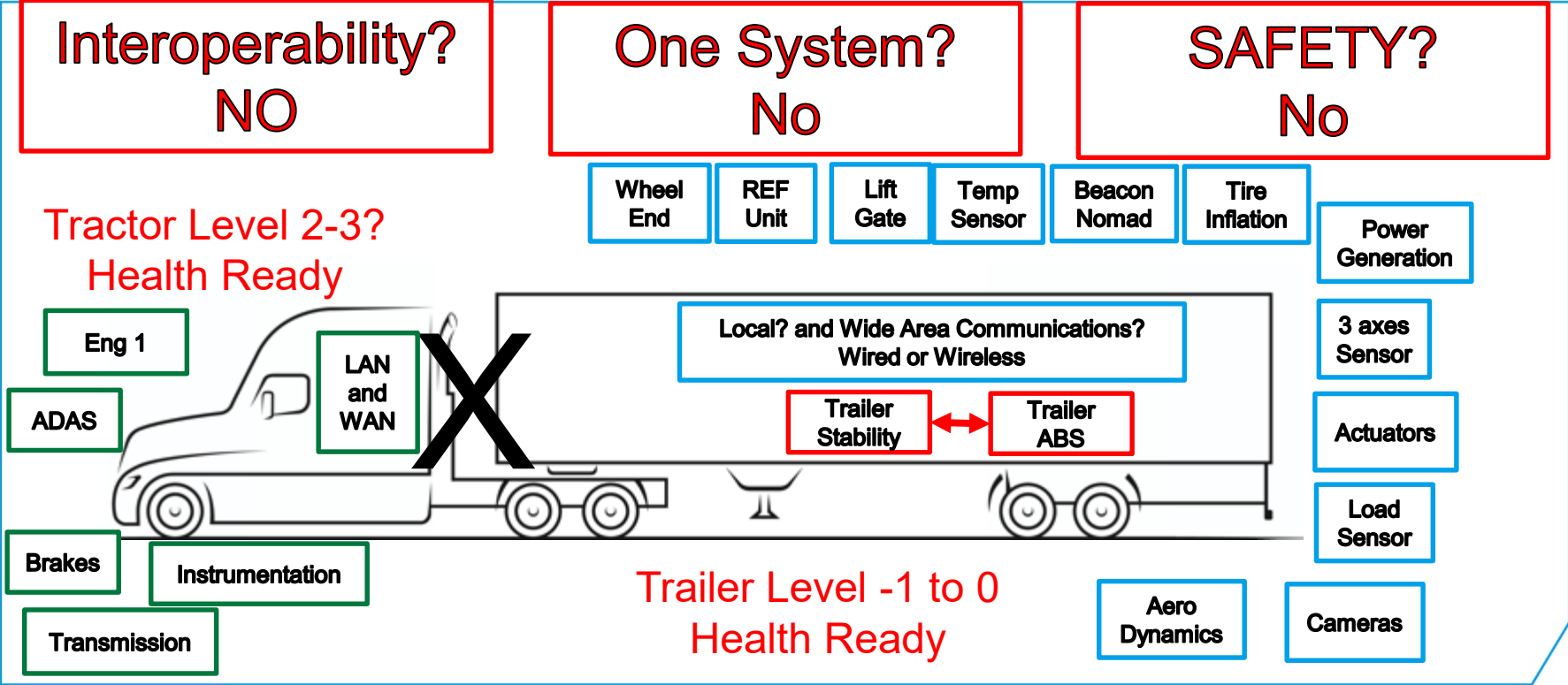
SAFETY?



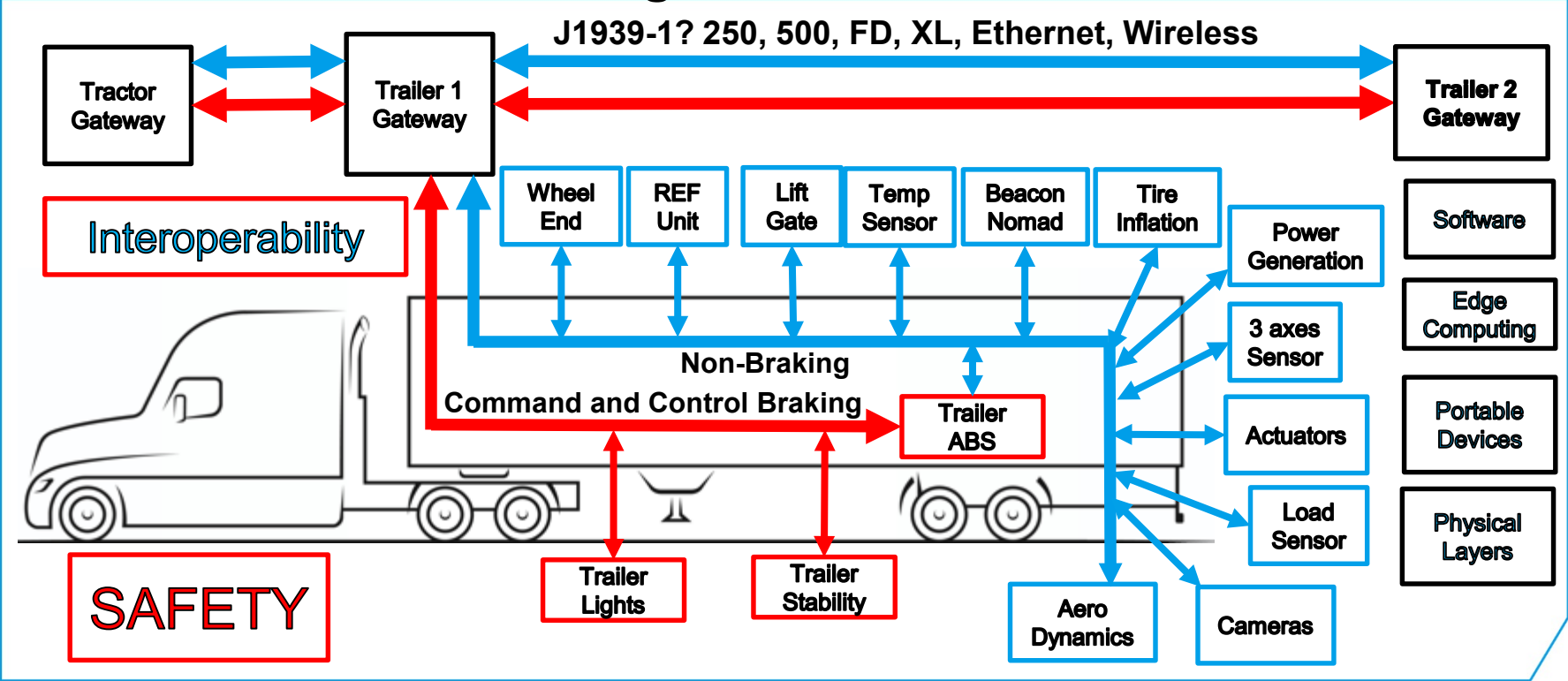
Data

Auto Coupling

Tractor And Trailer Today



Electrification, Platooning, ADAS, Autonomy, Electro-Mechanical Braking



Technology Maintenance Council

ATA/TMC PROPOSED RECOMMENDED PRACTICES

STUDY GROUP S1 ELECTRICAL: NEXT GENERATION TRACTOR/TRAILER INTERFACE

FOCUSED ON THE WIRED AND WIRELESS CONNECTIONS
BETWEEN THE TWO PARTS OF THE COMBINATION
VEHICLE.

STUDY GROUP S7 TRAILER: NEXT GENERATION TRAILER ELECTRICAL ARCHITECTURE

FOCUSED ON THE WIRED AND WIRELESS CONNECTIONS
ONLY ON THE TRAILER.

Information Technology (It's all about data)

CLOUD TO SENSOR

ENABLE USE OF FLEET OWNED TRACTOR/TRAILER DATA BY ALL STAKEHOLDERS, AS REGULATED BY FLEET, VIA STANDARD/SECURE INTERFACES AND SUPPORTED BY INDUSTRY ADOPTED TECHNICAL INFRASTRUCTURE.

JA 6268 HEALTH READY

- **COMMON AND EVOLVING STANDARD THAT ALSO LEVERAGES THE BEST OF WHAT EXISTS.**
- **DEFINED TERMS AND METHODOLOGY**
- **STRUCTURE FOR SHARING DATA AT DESIGN TIME AND RUN TIME FOR ADVANCING SAFETY AND MAINTENANCE**
- **ADVANCE CORE MISSION: “TO IMPROVE TRANSPORT EQUIPMENT, ITS MAINTENANCE AND MAINTENANCE MANAGEMENT BY EFFORTS TO INFLUENCE FUTURE EQUIPMENT DESIGN.”**