How Technology Changes Will Impact The Auto Insurance Industry

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Meet the Mercedes F 015













Autonomous car features









Predictions



Base Driverless Cars

Insurance implications: Introduces new insurance needs / fragmentation

- Shift from personal liability to product liability
- Other parties now involved
 - OEMs
 - Traditional suppliers
 - New suppliers eg
 - Software providers (Cyber crime)
 - Map providers
 - Telecoms
- Ride sharing, liability shifted to the entire infrastructure





Insurance implications:

- Safer, reduces risk. Shift to loss prevention
- Reduces frequency, with catastrophic loss
- Co-existence of technologies



for some time







Evolution of technology



Technology	Description
Hard install device	After-market 'black-box' device - requires professional installation. Installation varies from simple to invasive.
On-Board Diagnostics (OBD) device	After-market device plugs into the vehicle's OBD port by the customer.
Smartphone app	A smartphone application which captures driving data. It is not connected to the car.
Smartphone with tethering	A smartphone application tethered (often via Bluetooth) to a device





Some interesting sources of data...

- Telecom
- OEM on-board systems
- Smartphone operating systems
- Apps and other sources















Implications to auto insurance:

- Reduction in risk from monitoring, driver feedback
- Rising power of OEMs and other data owners
- Data ownership moving from insurers to ambient data providers, to consumers
- Insurers becoming wholesalers not retailers











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- Reduced private car mileage
- New (fragmented) insurance needs











- Telematics data
 - Shifting power to OEMs and other data holders
 - Should the industry act to allow customers to manage their data?
 - Up game in customer analytics
- Deflationary pressure from many sources
 - Expense base, current model unsustainable in long term
- Fragmentation of risk
 - Risk from e-commerce giants for simpler fragmented risks
 - Package more insure all a customer's (fragmented) needs
- Threats from distribution changes
 - Address engagement digital is more than a mobile website

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