



Why Self-Encrypting Storage is is Essential in Automotive Privacy

The Big Picture

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Drive Trust Alliance



Argument

- Predictable Privacy Catastrophe for Automotive Industry
 - Persistent Memory replacing DRAM
 - Intelligence in Every Controller
- The only cost effective solution is the Supply Chain solution
 - Or something will break. Non-standard non-open Software cannot be trusted to work correctly.
- The standards already exist: SAE, JEDEC UFS, and Trusted Computing Group Storage



Predictable Privacy Catastrophe

- Automotive Persistent Storage shows up on eBay with
 - Personal or Corporate Data from Cars/Trucks
- Solution: Entire Car must cryptographically control data at rest like iPhone (and newer Android)
 - 1. Erase whole car by owner before resale
 - 2. Only activate drivers data and system data for use
 - 3. Car is automatically erased in crash but data retrievable by owner



Unlike smart phones, Car compute storage is a Supply Chain controller "thing" (or try "mess")

This mess is what you find in Cars, Trucks, Planes, Smart Homes, Smart Cities, Controller Robots, etc etc etc. **SED** Controller SED Controller Controller **SED** SED Controller Controller SED SED

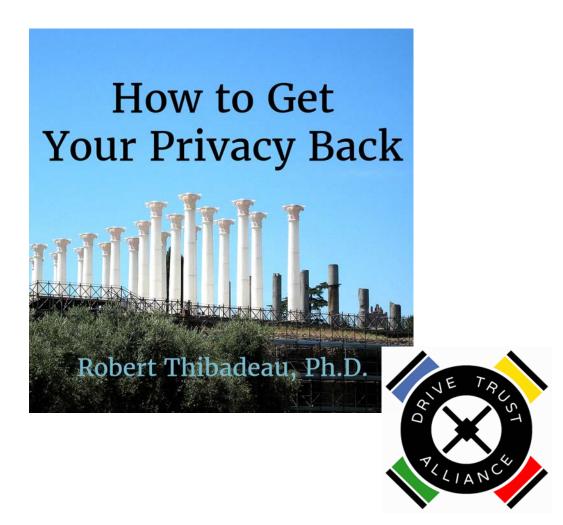


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Argument Reviewed

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