Directions in Diagnostics Tom Trisdale

ETI ToolTech: April 21, 2010

Customer 1st

- Product Q. D. R.
- Fixed Right
- High Value Service
- Convenient and Quick















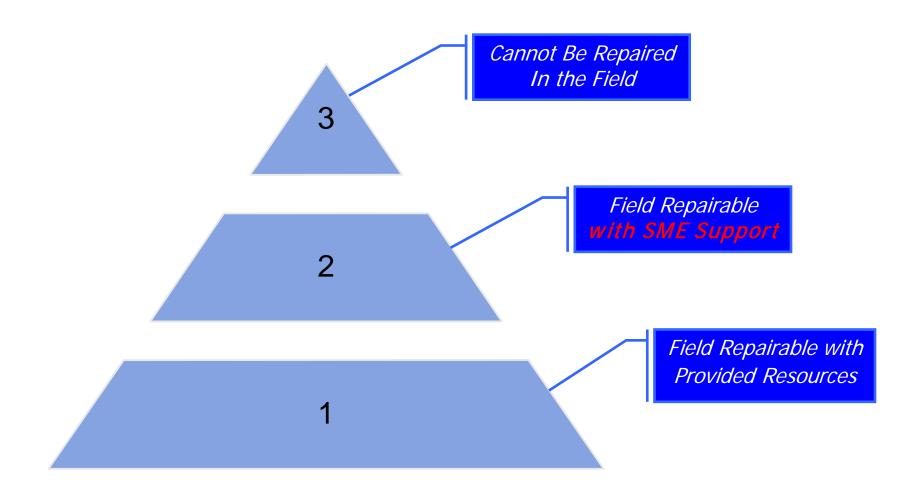








Service Complexity

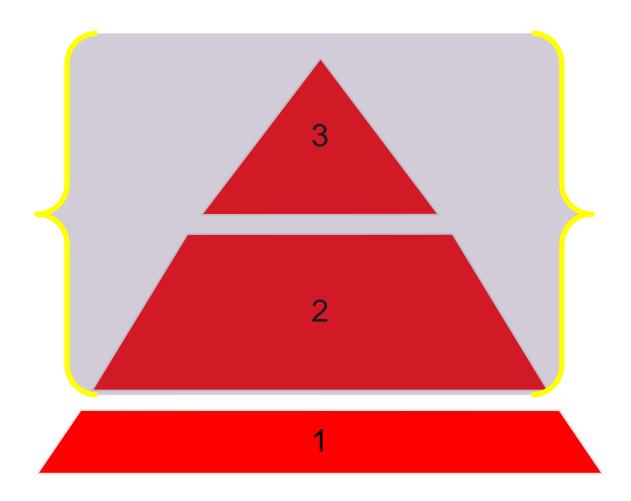








More Service Events Require Support









Service Support Resources

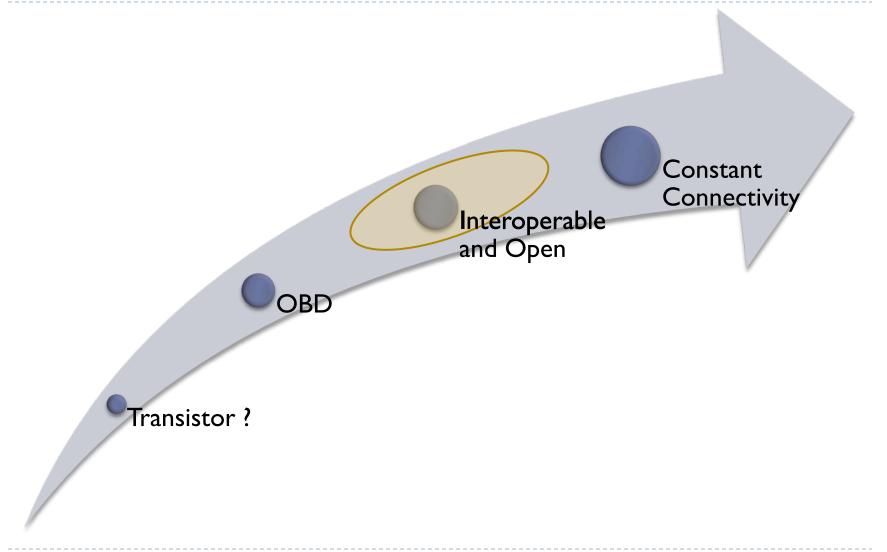
Vehicle **Tooling** Information Technical Support







Evolution of Service Support

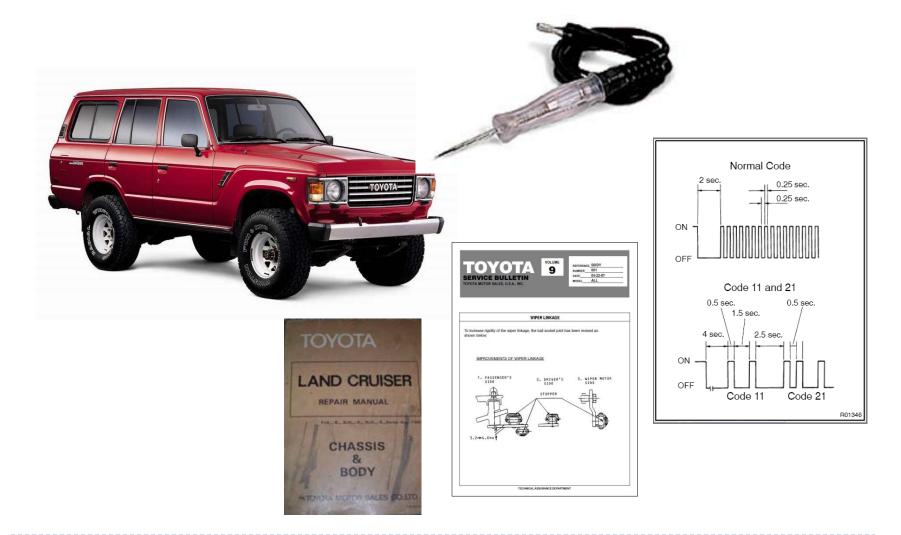








Transistor What?







The Dawn of OBD











OBD in Y2K

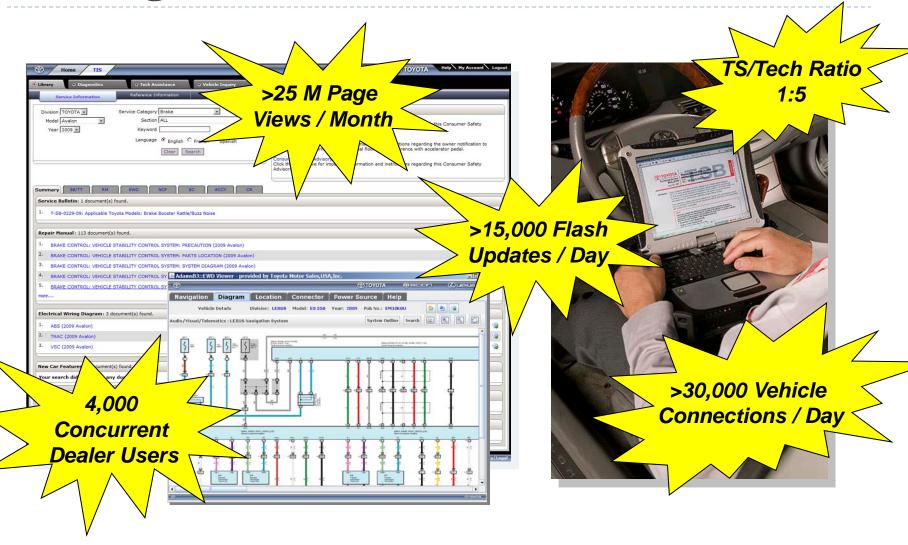








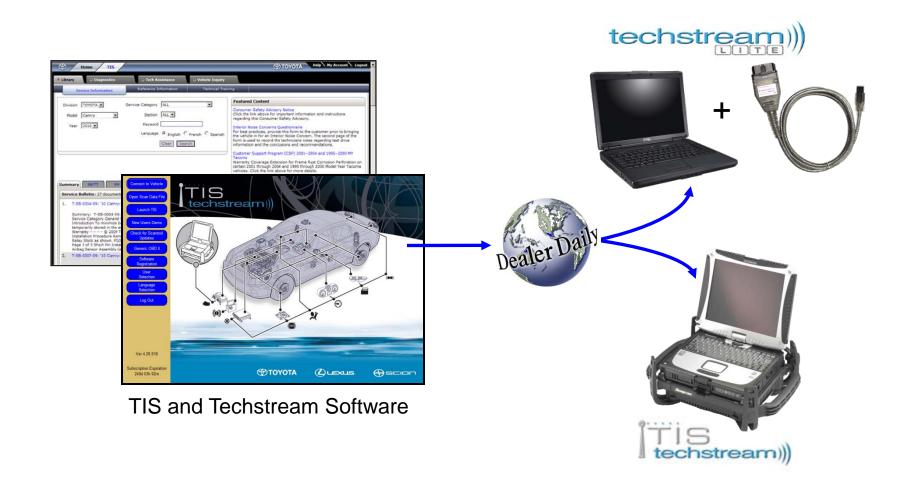
Moving to I and O: 2006 - 2009







Expanding Diagnostic Capacity - 2009



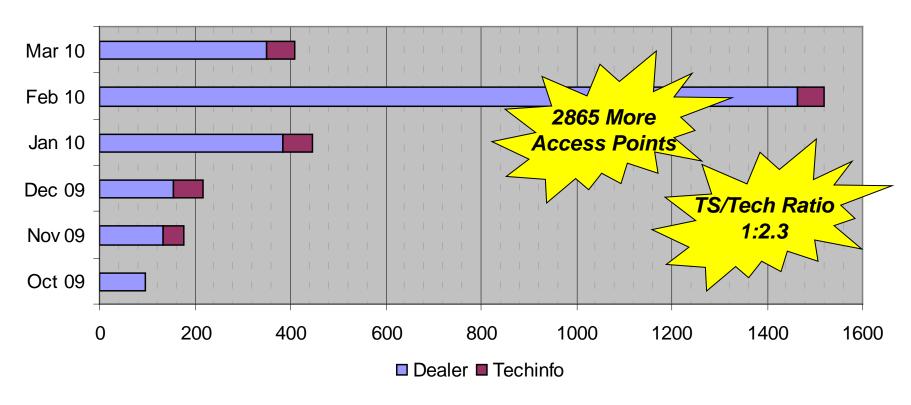






Techstream Lite – Immediate Value

TS Lite Sales / Month







Foundation for a Flexible Future

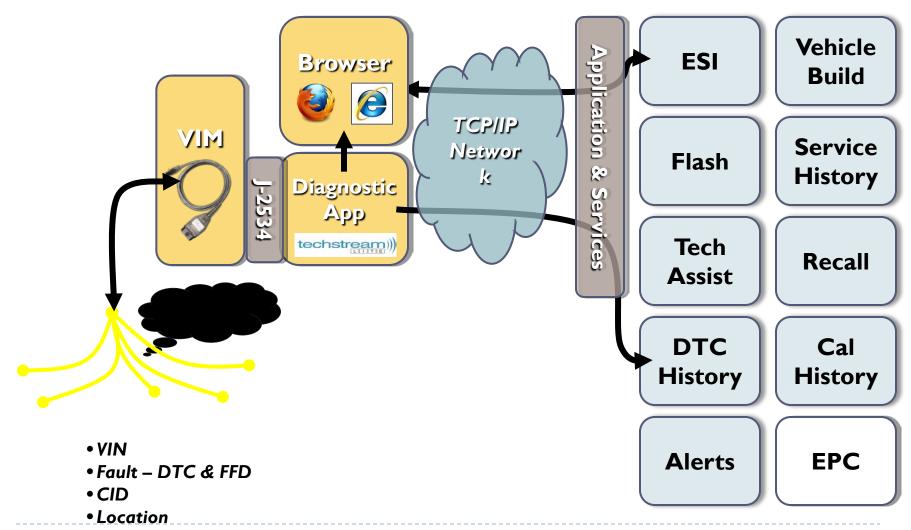
- Self-Identifying Vehicle
- Hardware Freedom (J-2534)
- Web Portal
- Loosely Coupled Scantool to Service Information
- Ready Access to Other Relevant Content
- Situational Response and Dynamic Messaging
- Collection and Aggregation of Diagnostic Data
- Operational History (Super FFD) and Symptom DTC







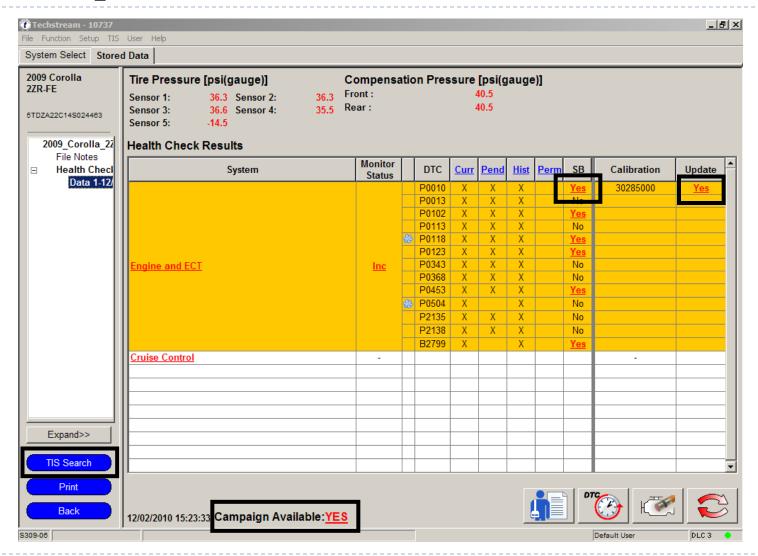
Interoperable and Open







Interoperation

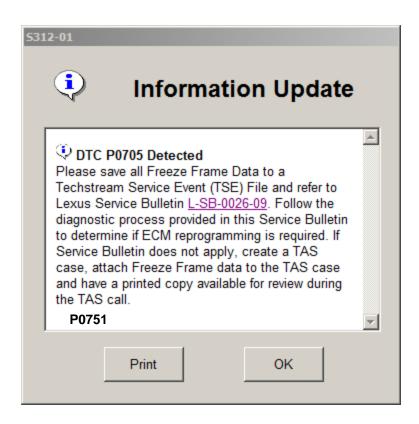






Dynamic Messaging

- Situational TechstreamAlerts
 - TSB or TechTip Available
 - Message MatchesDocument
 - Warning on Repair or Parts
 - Triggered by individual VIN& DTC or Calibration
 - Displayed Immediately on Techstream

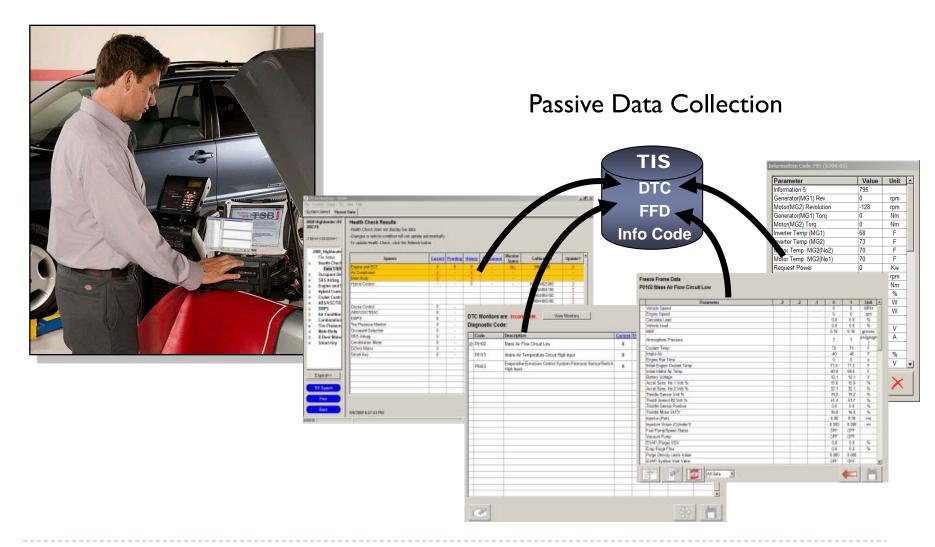








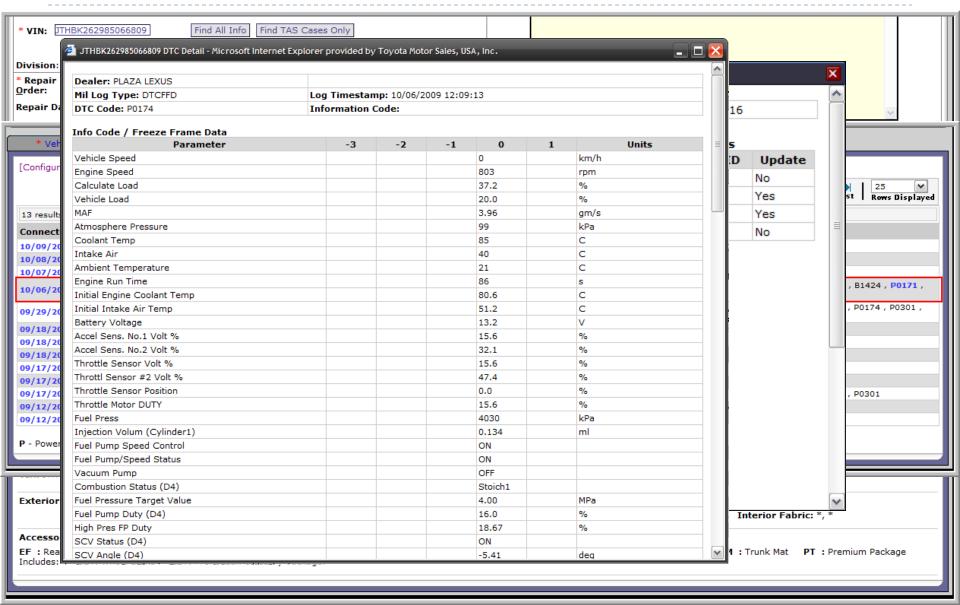
Data Aggregation





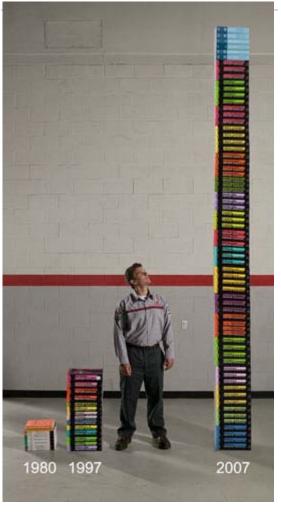


Data Analysis and Support



Information Overload

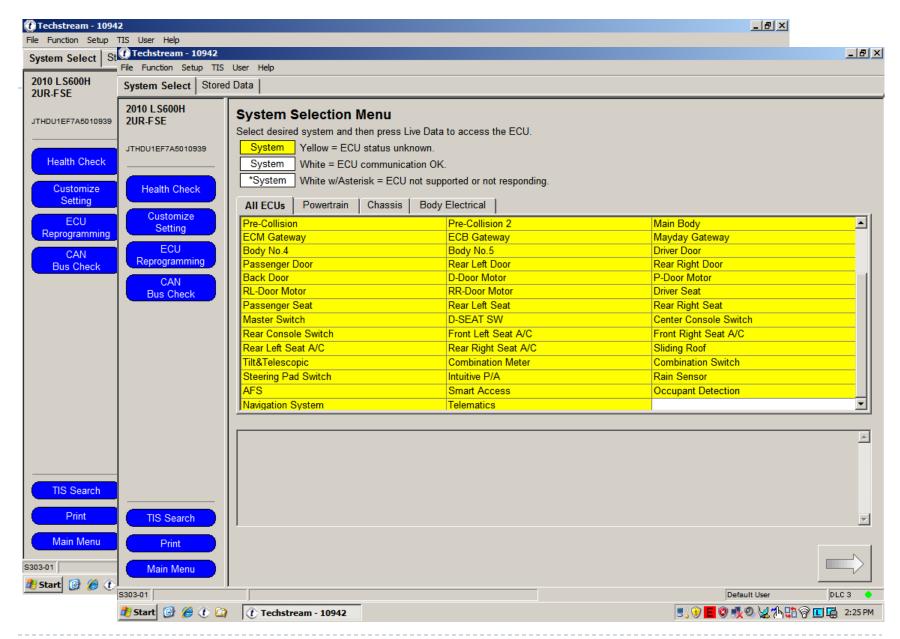






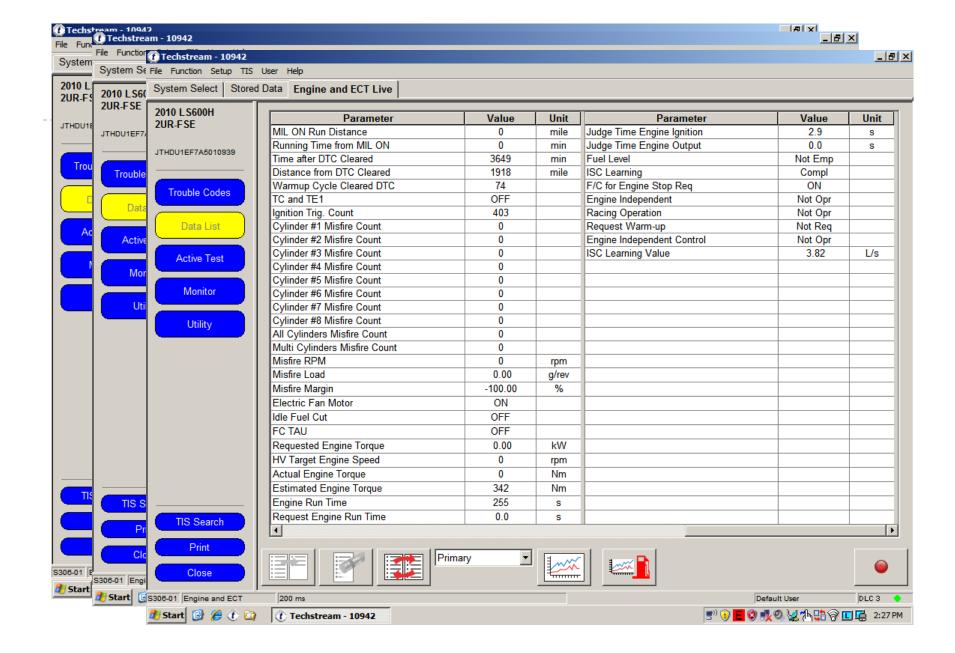
















Simplify and Expedite Diagnosis!

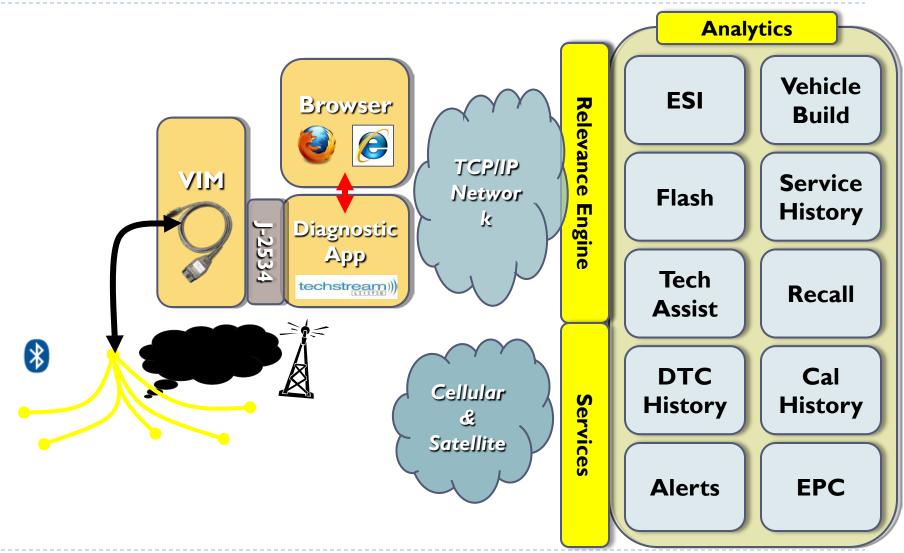
- Establish Greater Relevance
 - VIN + 2 to 5 words returns top items (most relevent)
- Make Information Easier to Navigate
 - Yokogushi
 - Alternative Platforms
- Identify the State of Health / Arrival or Pre-Arrival
 - Geo-fencing, telematics, individual vehicle website
- Lighter Client Application
 - Easier to update
- More Conditional / Situational Responses
 - Who, What, Where
 - Dynamic Troubleshooting (what have we seen, what is likely in a given situation)
- Community Collaboration
- Open Services
 - Expand Interoperation and Data Exchange
 - Beyond Dealership and include other Service Equipment
- What Really Fixed the Car!







Expanding Capability

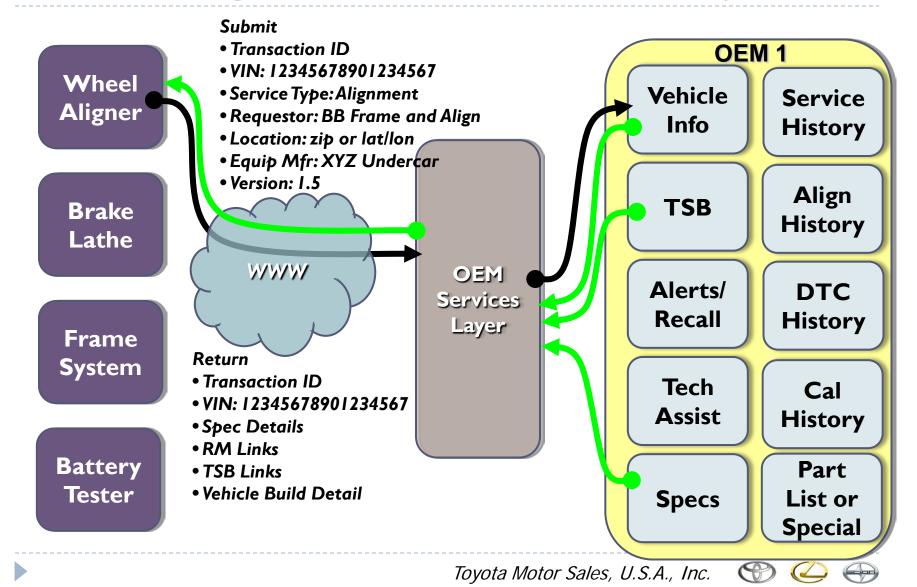




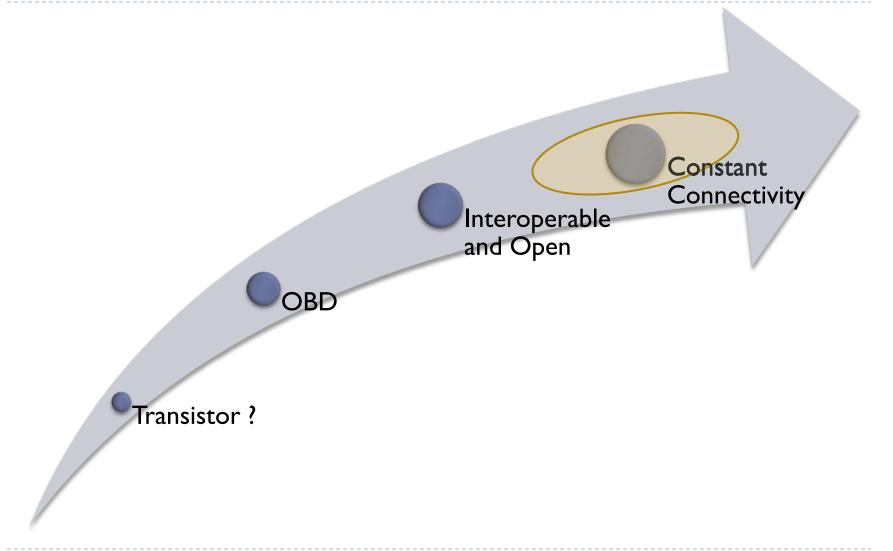




Expanding Service Interoperability



Evolution of Service Support







Thoughts, Questions, Big Ideas?







