

# Oregon Department of Environmental Quality

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## Session 4c Software Selection & Design

Presented by: Jorge Gonzalez , Vehicle Inspection Information Specialist



# Upgrades

- Software
  - OBD
- Hardware
  - Printers
  - PC's
- Network
  - Data Circuits

# Future

- Central Server
- Fiber



# Software Problems

- Communication with the correct vehicle computer
- Data Bleeding
- Script Change
- Abort Reasons
- Not testing Dual Fuel Vehicles



# Software Problems

- Certificate print out
- System lockup
- Noise test on OBD vehicle
- New vehicle model year problems
- Bypassing position 2
- Printing OBD results



# How Software Problems are Resolved

- Software Problem Report (SPR)
- Software Enhancement Report (SER)
- Debugging
- Remote Access

# OBD Database Integration

- OBD results
- OBD Abort/Bypass
- OBD Abort/Bypass reason
- Engine ON/Off
- Powertrain Control Module (PCM)
- Malfunction Indicator Light (MIL)
- Data Link Connector (DLC)
- Readiness Test Status (RTS)
- Diagnostic Trouble Codes (DTC)
- OBD software Version

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**This Concludes Session 4c  
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