

California Vehicle Inspection System Update

Clay Leek
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Bureau of Automotive Repair

California Vehicle Inspection System Overview

- The California Vehicle Inspection System (Cal-VIS) is the information technology solution that supports all aspects of BAR's Smog Check and Vehicle Safety Systems Inspection (VSSI) Programs
- Cal-VIS includes:
 - Data centers
 - Hardware
 - Software
 - Network connectivity

Cal-VIS Maintenance and Operations

- Cal-VIS requires continuous monitoring, patching, and functional updates to achieve availability targets and meet evolving business needs
- Implementation of these updates necessitates rigorous planning, system documentation, as well as quality assurance testing to ensure that required service levels are met

2024 Q1 and Q2 Accomplishments

- Cal-VIS Releases
 - 24.1 – VSSI functionality
 - 24.2 - Added square bar code scanning and updated online help
- Deployed VSSI functionality including internal management applications
- Initiated Data Acquisition Device (DAD) 2.0 development
- Initiated primary data center refresh
- Initiated redesign of STAR data processing
- Exposed VSSI results to the Department of Motor Vehicles (DMV)
- Initiated the analysis of a contracted/hybrid network for testing pre-OBD II vehicles

2024 Q3 and Q4 Plans

- Cal-VIS Releases
 - 24.3 - Upgrade to the latest industry standard network protocol called .NET 8 framework
 - 24.4 - Download button moved to top of download and registration webpage, minor bug corrections, usability improvements
- Continue DAD 2.0 development
- Complete primary data center refresh
- Complete redesign of STAR data processing

Cal-VIS Contract

- Five-year anniversary of BAR's Cal-VIS Maintenance and Operations (M&O) contract award to OnCore (now named Voyatek)
- Contractual service levels have been regularly met and exceeded
- Two-year extension executed on 3/20/2024
 - Extends Cal-VIS M&O services through 10/31/2026
 - Extends financially backed service level agreements to cover the VSSI Program
 - No increase to the cost per test (\$0.7036)
 - Three one-year options remain available to DCA/BAR

Contact Information

Clay Leek

clayton.leek@dca.ca.gov

www.bar.ca.gov



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