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# Cal-VIS UPDATE



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ENGINEERING AND RESEARCH BRANCH  
BAR ADVISORY GROUP MEETING  
OCTOBER 20, 2022

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# Cal-VIS ACCOMPLISHMENTS

## MAY - OCTOBER 2022

- BAR-OIS software updates:
  - 21.3.1 enhanced BAR's ability to support future releases
  - 22.1 notification of low certificate inventory, biometric enrollment support
  - 22.2 Windows 11 support
- DAD 2.0 integration with BAR-OIS software requirements designed and provided to DAD vendors
- Various infrastructure maintenance, modernization, patching, security mitigation, and Oracle database updates

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# Cal-VIS FORECAST

## OCTOBER 2022 – MARCH 2023

- BAR-OIS software updates:
  - 22.3 updates security and removes dependency on browser version
  - 22.4 allows use of biometric scanner
- 23.1 Safety Systems Inspection – Increment 1 of 3

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## BIOMETRIC DATES AND OUTREACH (1 OF 2)

- 8/15/2022 - Smog Check Equipment Security and Fraud Prevention regulations approved
- 8/22/2022 – Announcement of regulation approval and effective date of 10/1/2022
- 8/26/2022 – Approved regulations posted to BAR's Regulatory Actions page
- 9/1/2022 - Notice of biometric enrollment starting 10/1/2022
- 9/19/2022 – Biometric information posted to BAR's website
  - Enrollment appointment scheduler, steps to use biometric, reseller contact information, and frequently asked questions

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## BIOMETRIC DATES AND OUTREACH (2 OF 2)

- 9/21/2022 – reminder to view Q&As, get enrollment appointment, 30-day notice will be sent before use mandated
- 10/3/2022 – Enrollment appointments starting at BAR field offices; 3,049 enrollments already scheduled
- 10/17/2022 – Reminder to enroll and get equipment. A notice will be sent 30 days before the mandatory use date, yet to be determined
- January 2023– BAR-OIS software updated to version 22.4 allowing optional biometric use
- February 2023\* – 30-day notice of mandatory use
- March 2023\* – mandatory use of biometric with BAR-OIS

\* Tentative dates subject to equipment availability

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# BIOMETRIC ENROLLMENT APPOINTMENTS

- Use scheduler on BAR's website to make an appointment at chosen BAR field office or other BAR designated location
- BAR field offices allow walk-in enrollment from 8am to 12pm
- In areas where a BAR field office is closed, alternate BAR designated locations will perform enrollments and may have different walk-in enrollment hours

# BIOMETRIC ENROLLMENT SCHEDULER

ment Scheduler - Bureau X +

bar.ca.gov/biometric-enrollment/

CA GOV

DEPARTMENT OF CONSUMER AFFAIRS  
**BAR**  
Bureau of Automotive Repair

Consumer - Industry - Information - Online Services - Search

## Biometric Enrollment Appointment Scheduler

Select a date for your appointment

Appointment location:> Bakersfield Field Office

September 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today's Date  
Selected Work Week

**DISCLAIMER**

If you need to cancel your appointment, please contact the Field Office a minimum of 24 hours in advance. If you do not cancel your appointment and miss it, you will be required to enroll during a time when walk-ins are accepted. Appointments have priority over walk-ins.

Select a time for your appointment

Calendar displays 28 days at a time, if no appointments are available, click another week or check back later

	10/3/2022				10/4/2022				10/5/2022				10/6/2022				10/7/2022			
8 AM	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	08:15	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	08:15	Unavailable	08:15
9 AM	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	09:00	09:15	Unavailable	08:45	Unavailable	08:45	09:00	09:15	09:00	09:15	09:30	09:45
10 AM	Unavailable	Unavailable	Unavailable	10:15	Unavailable	10:15	10:00	10:15	10:00	10:15	10:00	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
11 AM	Unavailable	Unavailable	11:00	Unavailable	11:00	11:15	11:00	11:15	11:00	11:15	11:00	11:15	11:00	11:15	11:00	11:15	11:00	11:15	11:30	11:45
12 PM	Unavailable	Unavailable	Unavailable	12:15	12:00	12:15	12:00	12:15	12:00	12:15	12:00	12:15	12:00	12:15	12:30	12:45	12:30	12:30	12:45	12:45
1 PM	Unavailable	Unavailable	01:45	01:45	01:00	01:00	01:15	01:15	01:00	01:00	01:15	01:15	01:00	01:00	01:15	01:15	01:00	01:00	01:15	01:15
2 PM	Unavailable	Unavailable	02:00	02:00	02:00	02:00	02:15	02:15	02:00	02:00	02:15	02:15	02:00	02:00	02:15	02:15	02:00	Unavailable	02:15	02:15

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# BIOMETRIC ENROLLMENT PREPARATION

- Be sure to bring the following items with you to your appointment:
  - Your biometric enrollment appointment confirmation
  - A valid, government-issued, photo identification (other than an inspector badge), such as a driver license, passport, or military identification
  - A proof of identification document showing your legal name and signature such as a social security card or credit card
  - Your BAR-issued inspector badge (if received prior to enrollment) and inspector license number
  - Notice and Consent documents are available on BAR's website, Regulatory Actions page for preview
    - [Notice on Collection of Personal Biometric Information and Its Use](#)
    - [Biometric Data Collection Consent Statement](#)



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# BIOMETRIC ENROLLMENT ACTIVITY

- At the enrollment appointment, BAR staff will:
  - Verify your identity
  - Review Notice and Consent and require your acceptance
  - Take your photo
  - Scan your left- and right-hand palm to establish your biometric palm data profile
  - This stored profile will be used to verify inspector identity when performing BAR-OIS inspections

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# BIOMETRIC EQUIPMENT

## Equipment summary:

- Kits available for sale. Buy now. They will be delivered over the next six months depending on manufacturing
- Several BAR authorized resellers listed on BAR's website. They have the correct "BAR BAK" kit with sensor "FAT13FPS01" matching 2021 Smog Check Manual and have a two-year warranty
- Cost varies by reseller; estimated \$400-\$500
- One kit required per BAR-OIS
  - BAR-97 biometric not required at this time
- Can be self installed or reseller may offer installation service

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# BAR-OIS COMPUTER SECURITY

- The BAR On-board Diagnostics (OBD) Inspection System (BAR-OIS) utilizes a Windows-based computer that is maintained either by individual Smog Check stations, or by the vendor that leases the equipment to the station
- An important part of maintaining any computer is ensuring the operating system (OS) is supported and up to date
- When an OS is no longer supported or configured not to receive security updates, the provider of the OS is no longer able to provide software updates to address security vulnerabilities
- This puts any business utilizing computers with unsupported OS at risk of a security breach that could result in malware, stolen or lost data, and loss of revenue caused by downtime

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# UNSUPPORTED AND NON-UPDATED COMPUTERS AT RISK

- Many BAR-OIS computers are running on an unsupported OS or are configured not to receive security updates
- Not only are these systems at risk, but some will soon be incompatible with Smog Check software updates and thus unable to perform Smog Check inspections
- BAR will continue to provide weekly notifications via ET Blast to stations that are at risk of a lockout
- Additionally, BAR will continue to work with equipment vendors and attempt to contact at risk stations via telephone

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# WINDOWS 7, 8.0, AND 8.1 COMPUTERS

- If operating a leased BAR-OIS with Windows 7 or 8, please contact the vendor to schedule a system update
- If you are maintaining your own BAR-OIS computer, please arrange to have your system updated
- At this time, there is no risk of incompatibility with Smog Check software to Windows 8.1 systems that have been configured to receive security updates

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# DAD 2.0

- The Data Acquisition Device (DAD) used to retrieve On Board Diagnostic (OBD) data during BAR-OIS inspections will be replaced with the next generation DAD 2.0
- Ability to collect new Unified Diagnostic Services OBD data from 2024 and newer model year vehicles
- Ability to collect additional data to improve BAR fraud detection capabilities
- Will require use of a Microsoft supported windows operating system; i.e., Windows 11 or 10
- Regulations, software, hardware are in development
- BAR certification testing could begin 2024
- BAR certified DADs could be required in 2025

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# SAFETY INSPECTION STATUS

- BAR-OIS architecture, database, billing, transaction fee, certificate purchasing, and certificate transmission to DMV will be leveraged when building BAR-SIS
- Software requirement gathering in progress
- First software release 23.1 in first quarter 2023
- Regulations under review with DCA Legal

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# QUESTIONS AND COMMENTS

Submit questions and/or comments to:

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