
BAR-OIS COMPUTER SECURITY UPDATE



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BACKGROUND (1 OF 2)

- BAR OBD Inspection System (BAR-OIS) leverages Microsoft Windows Operating System (OS)
 - Windows 7 and 8.0 no longer supported
 - Windows 8.1, 10, and 11 are currently supported
- Industry best practices dictate that computers be kept in a managed state
 - Roughly 1/3 of BAR-OIS computers are running on unsupported OS and are at risk
 - Some BAR-OIS computers have been setup to not accept Windows updates
- Unmanaged computers are at risk

BACKGROUND (2 OF 2)

- Counts of BAR-OIS by OS used to perform at least one inspection during March 2022
 - 1,346 installations of Windows 7
 - 821 installations of Windows 8.0
 - 3,007 installations of Windows 8.1
 - 1,529 installations of Windows 10 / 11

UNMANAGED SYSTEMS

- Security risk for Smog Check stations
 - Malware / Stolen data / Lost data
 - Downtime / Loss of revenue
- Availability risk to the BAR-OIS client
- Security is a priority
 - State Administrative Manual (SAM) Chapter 5300
 - National Institute of Standards and Technology (NIST) 800-53
 - Cal-Secure

SUMMARY (1 OF 2)

- Unmanaged computers running the BAR-OIS client represent a real risk
- BAR is required to adhere to the most recent information security measures and controls as defined by the State
- BAR strongly recommends all BAR-OIS users immediately move to a supported OS
 - Windows 10
 - Windows 8.1
- BAR-OIS will be certified for use on Windows 11 at a date to be announced soon

SUMMARY (2 OF 2)

- For computers with supported OS
 - Ensure Windows updates are turned on
- For computers with unsupported OS
 - Check if computer can be updated to a supported OS
 - Buy a computer with a supported OS
- For leased systems, contact your BAR-OIS system provider

QUESTIONS AND COMMENTS

Submit questions and/or comments to:

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