AUTOMOTIVE REPAIR DEALER INSPECTION SYSTEM (ARDIS)

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BAR ADVISORY GROUP MEETING

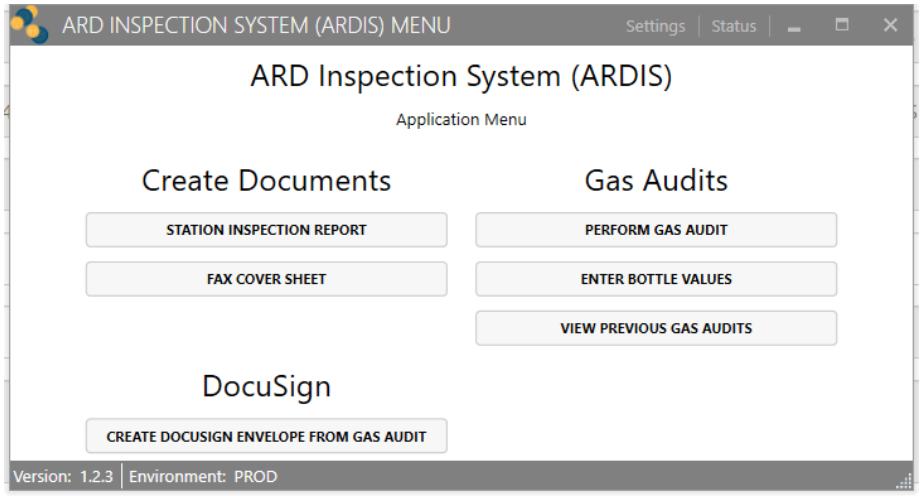
JANUARY 23, 2020

ARDIS OVERVIEW

- Created to replace antiquated gas audit software
  - Gas audit software created in 1990s
  - Documents created in Microsoft Word
  - No capability to store electronic documents
  - No flexibility to accommodate program changes
  - Could not accommodate Fleets Unit requirements

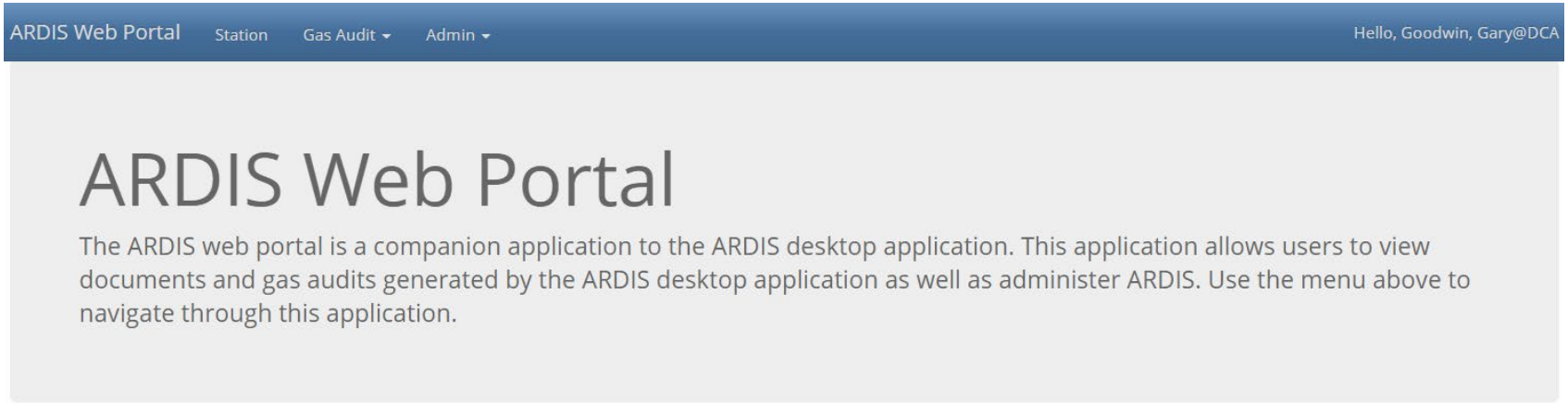
ARDIS COMPONENTS

- Two part application
  - Part 1: Desktop application
    - Used by Gas Audits and Fleets staff to perform gas audits
    - Generates required documents
    - Station inspection report
    - Gas audit report
    - Fax cover sheet
    - Integrated DocuSign functionality



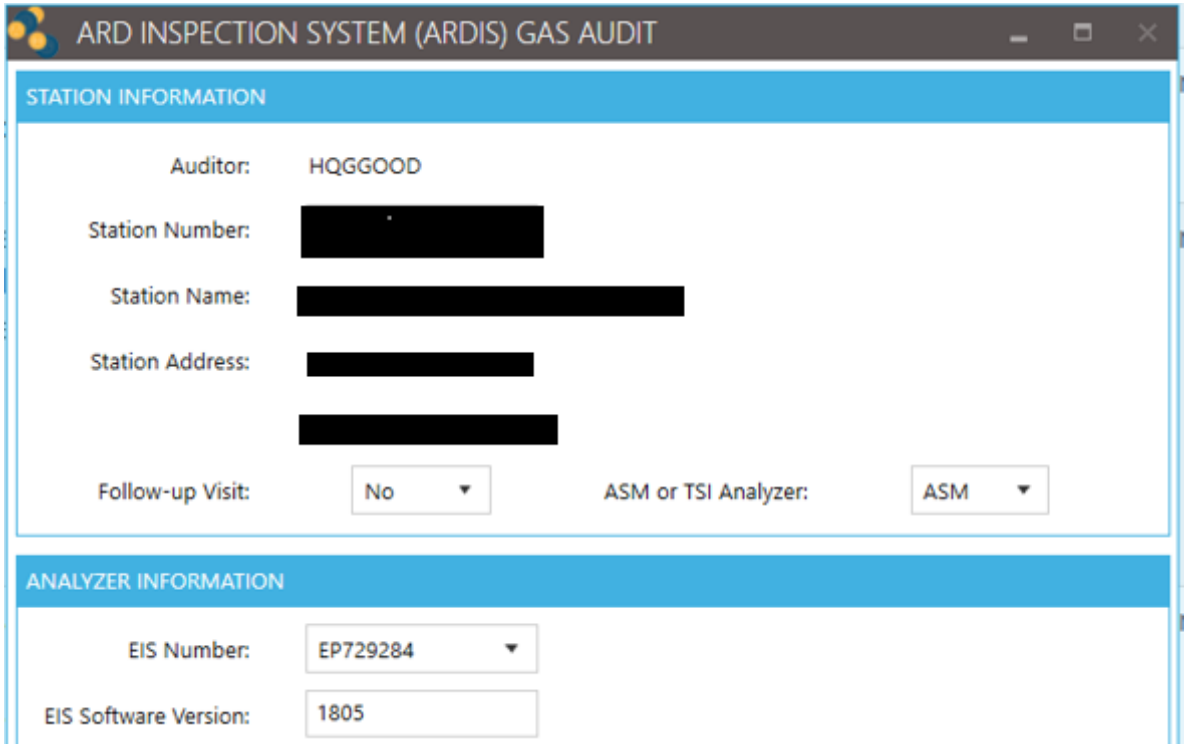
ARDIS COMPONENTS (CONTINUED)

- Part 2: Web portal
  - Document retrieval and storage
  - Station and analyzer information
  - Staff's assigned workload
  - Station compliance tracking
  - Program reporting and evaluation tools



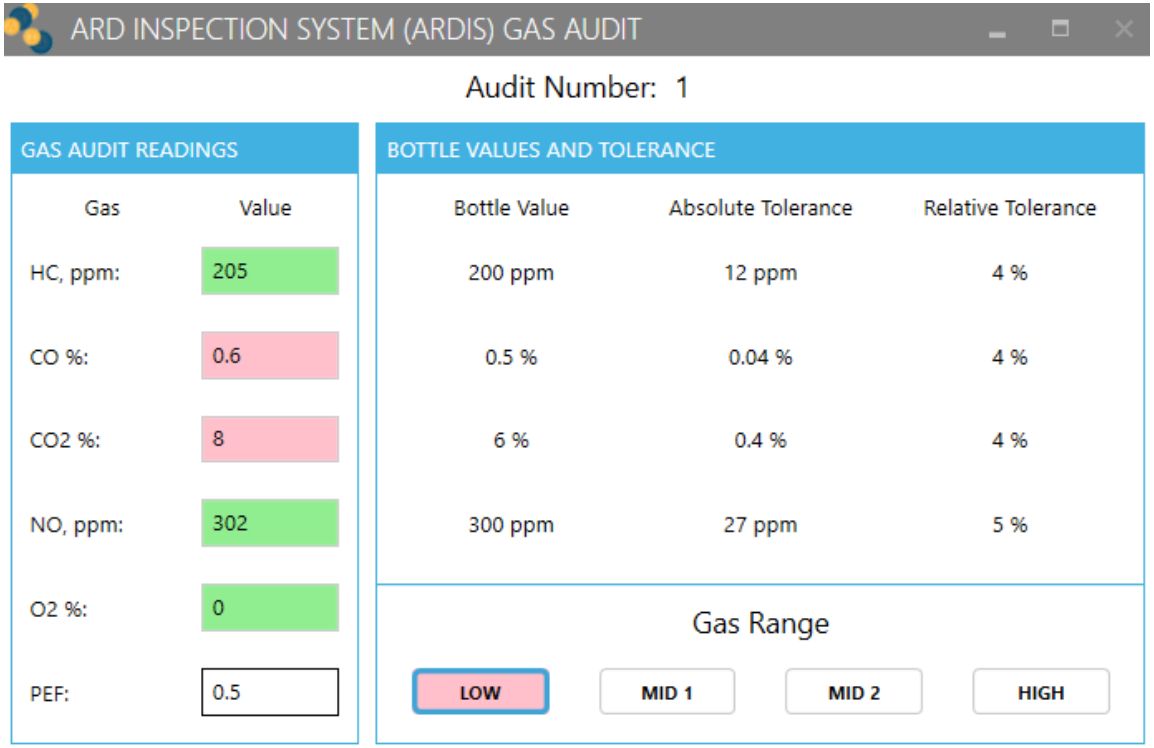
DESKTOP APPLICATION

- Pre-populates station information into gas audit report from locally stored reference tables



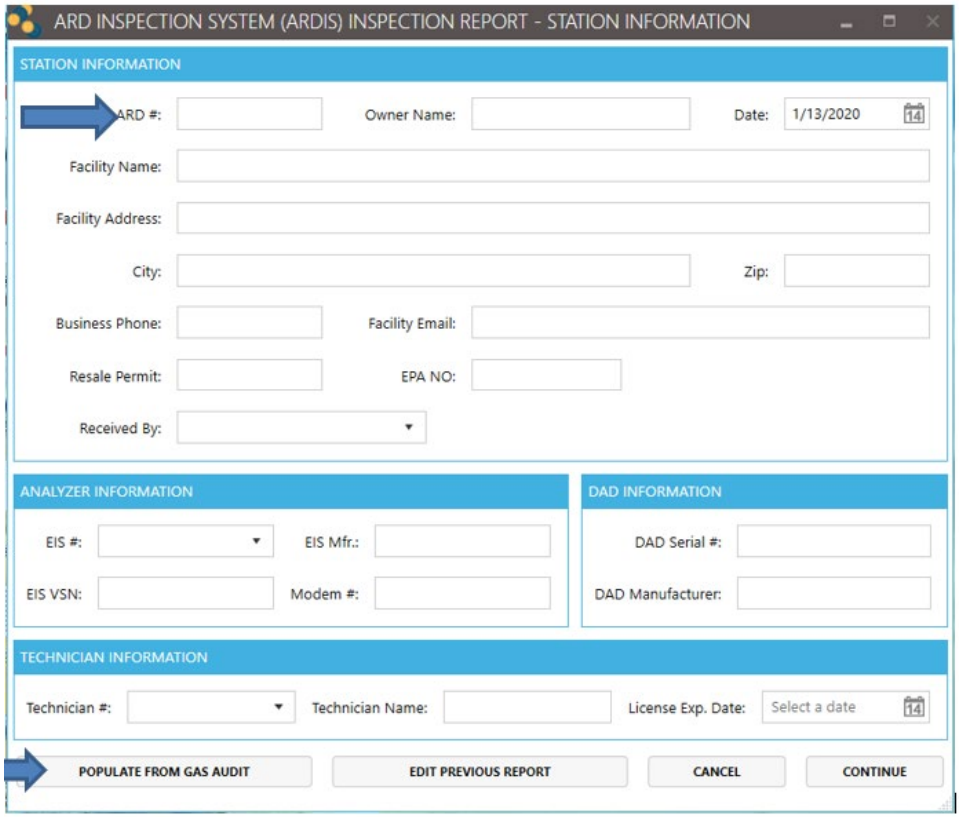
DESKTOP APPLICATION (CONTINUED)

- Uses formulas based on BAR-97 specifications to determine pass/fail results



DESKTOP APPLICATION (CONTINUED 2)

- Pre-populates fields in all documents associated with audit
- Uses customizable statements to generate station inspection report
  - Increases efficiency and accuracy
  - Ensures uniformity statewide
  - Provides approximately 90% coverage of scenarios encountered



DESKTOP APPLICATION (CONTINUED 3)

Example Text

REMARKS:

I performed a BAR 97 Emission Inspection System (EIS) analyzer gas audit, anti-tamper system, gas cap tester, dynamometer and peripheral equipment inspection.

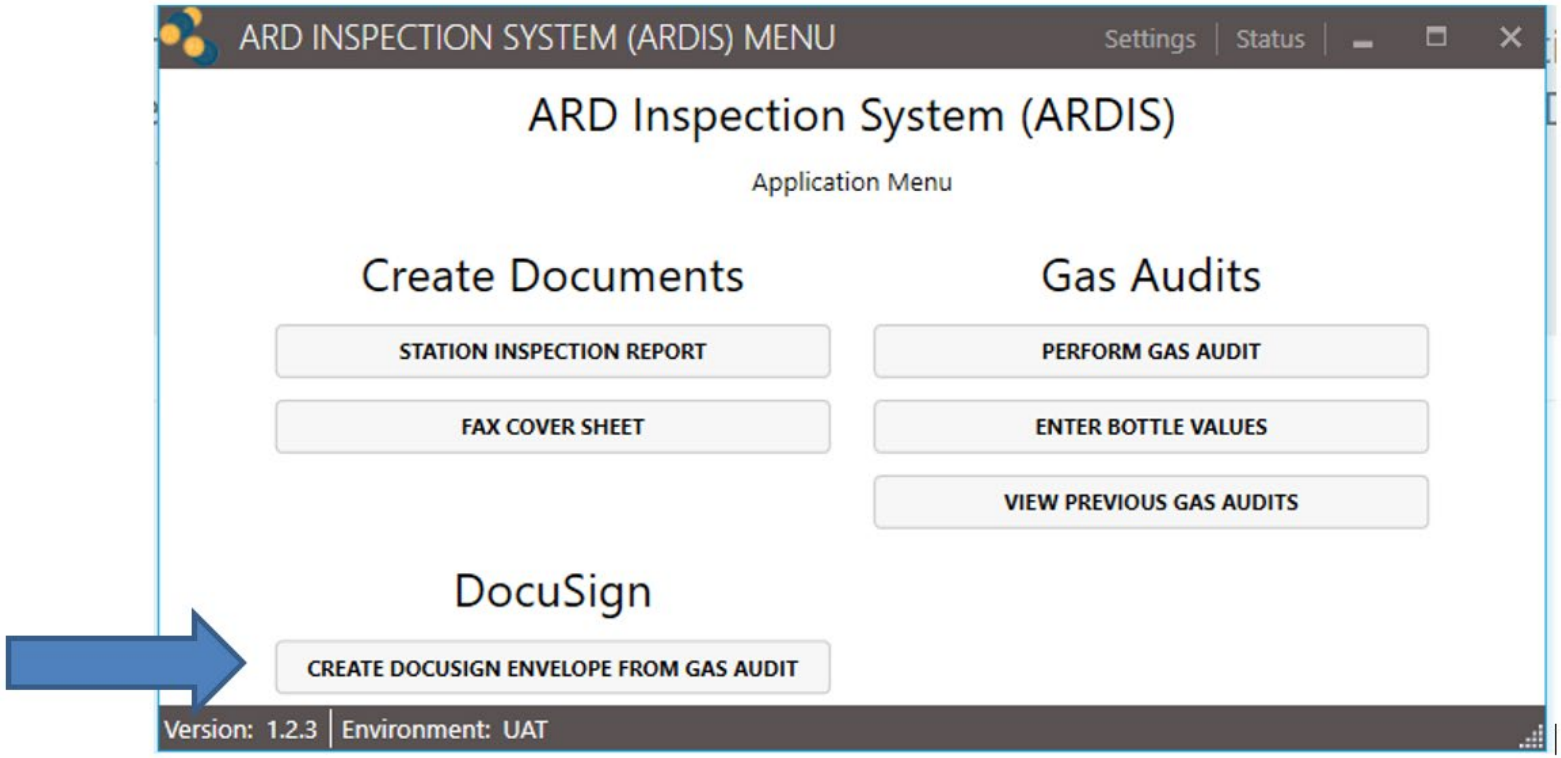
The EIS failed the first gas audit. Following a passing gas calibration, the EIS failed the second audit. The EIS gas audit readings are currently not compliant with the BAR 97 specifications. Copies of the gas audit results have been provided to the above named station.

I performed a visual inspection of the Data Acquisition Device (DAD). During the inspection, I found that the device AP111111 was damaged. The station is advised to replace the DAD unit as listed on the provided fax cover sheet.

This is a 10-day notice of correction (Correction Notice). Station is advised to contact the EIS manufacturer to request service and notify the manufacturer that the EIS failed the four gas audit. The Factory Service Representative (FSR) will need to perform a four gas audit after service to verify repairs. Station is further advised to follow the instructions on the fax cover sheet to clear the correction notice. Failure to comply by the date specified at the bottom of the fax cover sheet may result in further action taken against the station.

DESKTOP APPLICATION (CONTINUED 4)

- Application is inserted into DocuSign workflow
  - Staff can complete DocuSign transaction within ARDIS instead of having to navigate to DocuSign's website



WEB PORTAL

- Document storage
  - Final link in paperless chain
  - Retrieves signed documents from DocuSign and attaches them to stored audit information
  - Compliance documents from stations are uploaded and stored in application

View Doc. Link	Document Content	Date	View Audit Link
View Document	Compliance Documentation	1/10/2020 12:45:18 pm	Audit Details
View Document	Partial Compliance Documentation - Gas Audit results and OPUS invoice	1/9/2020 1:28:25 pm	Audit Details
View Document	DocuSign - Gas Audit	12/31/2019 11:35:57 am	Audit Details
View Document	Compliance Documents	5/7/2019 3:33:47 pm	Audit Details
View Document	Fax Cover Sheet	4/8/2019 2:06:04 pm	Audit Details
View Document	Station Inspection Report	4/8/2019 1:59:24 pm	Audit Details
View Document	Gas Audit	4/8/2019 1:44:21 pm	Audit Details
View Document	Compliance documentation	2/11/2019 9:33:21 am	Audit Details
View Document	Station Inspection Report	3/23/2018 1:54:30 pm	Audit Details
View Document	Gas Audit	3/23/2018 1:22:39 pm	Audit Details
View Doc. Link	Document Content	Date	View Audit Link

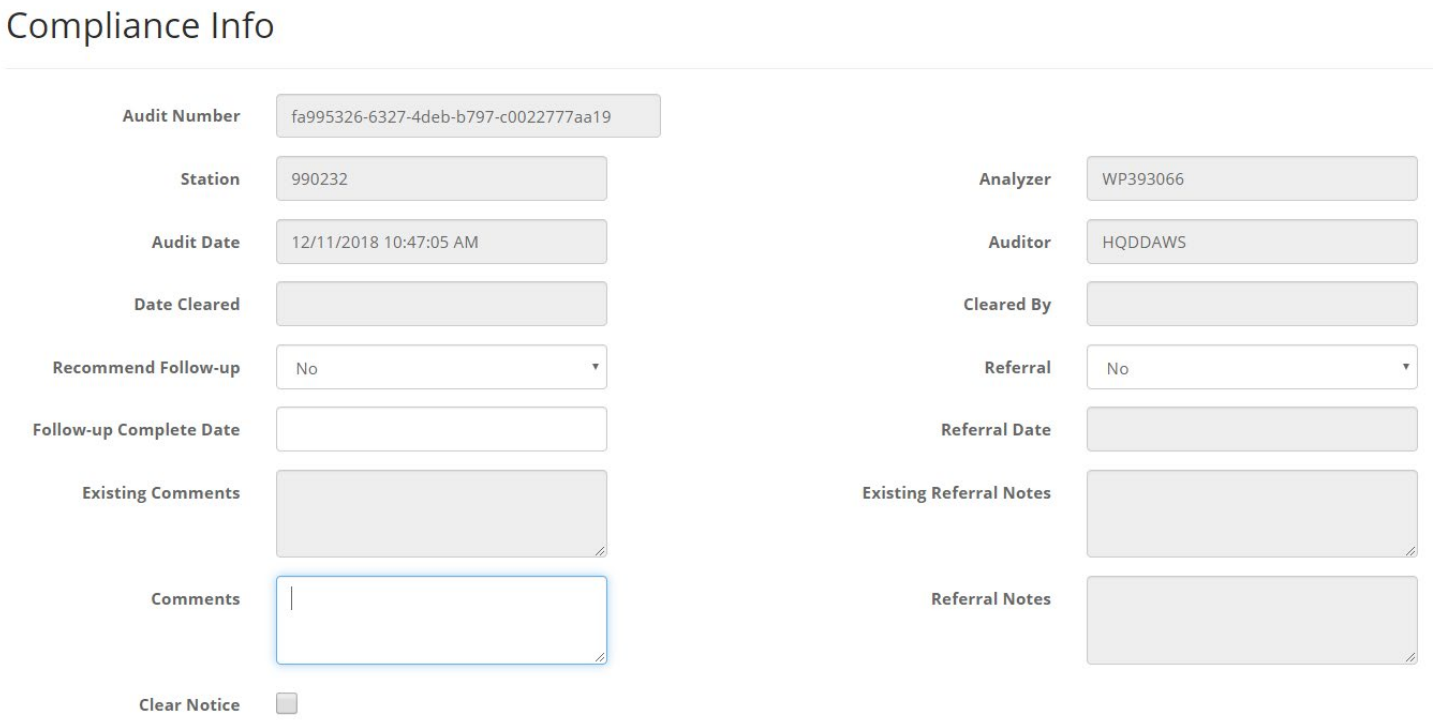
WEB PORTAL (CONTINUED)

- Auditor's workload assigned by region

Station	Station Name	Address	City	Zip	County	Station Type	CAL. Issue	Last Audit
[redacted]			RIVERSIDE	92507	RIVERSIDE	Star Test Only	Y	5/6/2019
			HEMET	92543	RIVERSIDE	Star Test and Repair	Y	
			MORENO VALLEY	92553	RIVERSIDE	Star Test and Repair	Y	2/6/2019
			CATHEDRAL CITY	92234	RIVERSIDE	Star Test Only		12/10/2019
			NORCO	92860	RIVERSIDE	Star Test and Repair		12/5/2019
			INDIO	92201	RIVERSIDE	Star Test and Repair		1/16/2019
			INDIO	92201	RIVERSIDE	Star Test Only		11/27/2018
			PALM DESERT	92211	RIVERSIDE	Star Test and Repair		11/26/2018
			ALM DESERT	92211	RIVERSIDE	Star Test Only		11/29/2018
			ALM DESERT	92211	RIVERSIDE	Test and Repair		
			BANNING	92220	RIVERSIDE	Star Test and		2/19/2019

WEB PORTAL (CONTINUED 2)

- Station compliance tracking



QUESTIONS AND COMMENTS

Submit questions and/or comments to:

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