

Voice Analysis Tool (VAT™) is licensed either through USB hardware dongle or software licensing. Follow the procedures below as per your purchase order.

## System Requirements

- Windows® 8.1 and above Operating System (32 bit and 64 bit).
- Core i3 and above, 8 GB Memory, and USB 2.0/3.0 Ports.

## USB Hardware Dongle Based Licensing

- If the software is licensed through hardware USB dongle, your shipment will contain a **USB Installation Stick** (pen drive) with necessary software executables, license installer, and documents.
- Now, execute **GLLdkDongleLicenseInstaller\_x64.exe** (or **GLLdkDongleLicenseInstaller\_x86.exe**). Follow hardware dongle licensing procedure mentioned in the <https://www.gl.com/Brochures/Brochures/Installation-Instructions-for-Dongle-Programs.pdf>.

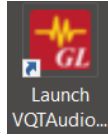
## Software Based Licensing

- In case of software-based licensing, the software executables, license installer, and documents can be downloaded from the software licensing web portal (refer to email notification from GL Communications).
- Now, follow the instructions in the <https://www.gl.com/ses/download/GL-Software-License-Evaluation-Instructions.pdf> to install software license.

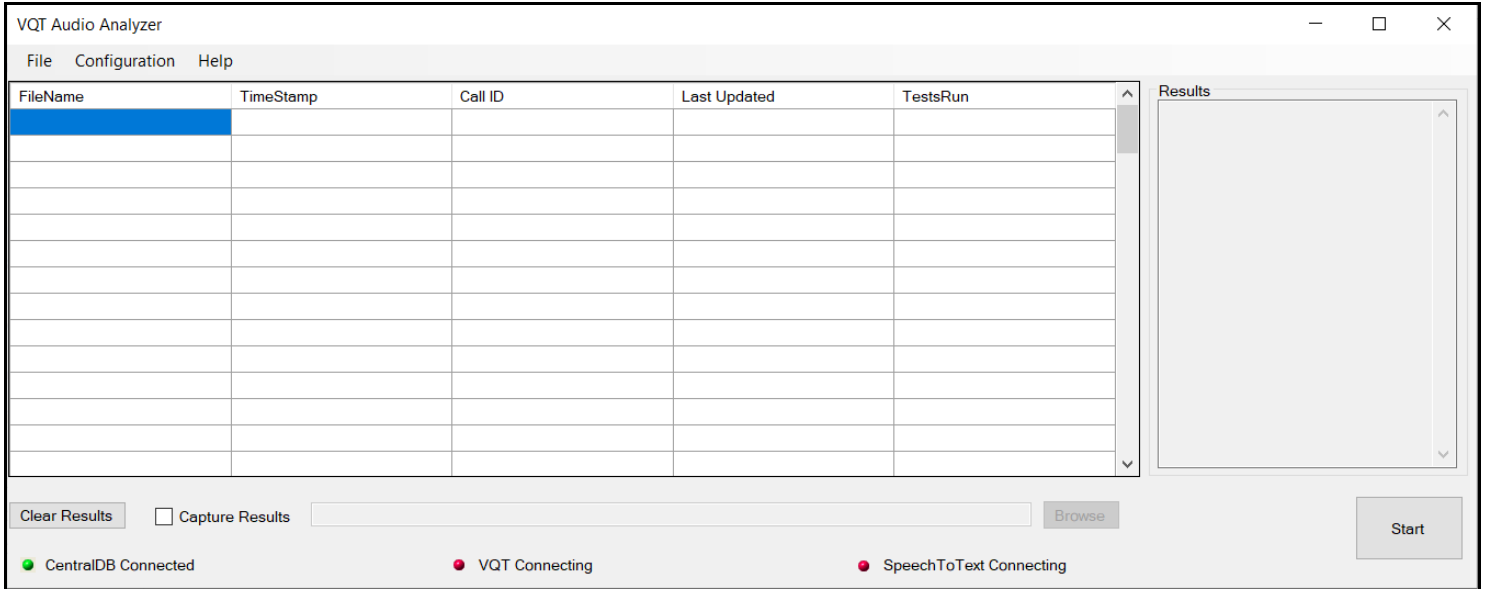
## Installation of VAT™ Software

- User can verify if the required licenses are installed by navigating to **C:\Program Files\GL Communications Inc\GLDONGLE** directory, execute **appl\_list.exe** and confirm that the following purchased licenses are listed:
  - **VQT008**
- Now plug the dongle to the USB port of your computer. Windows® should install all required drivers automatically. A **red** light should appear on the dongle indicating that it is functioning correctly from a physical point of view.
- Navigate to the following folder **\VQuad-VQT\VQT008**, execute **VQTAudioAnalyzer.exe** in **Run as Administrator** mode. Follow the on-screen instructions to complete the software installation.
- After successful VAT™ software installation, by default, the below files are automatically created in the following path **C:\Program Files (x86)\GL Communications Inc\VQTAudioAnalyzer**.
  - GeneralConfig
  - LDKSecurityDll.dll
  - VQTAudioAnalyzer
  - VQTAudioAnalyzerProfile
  - VQTDll.dll
- This will complete VAT™ installation.

## Invoking VAT™ Application

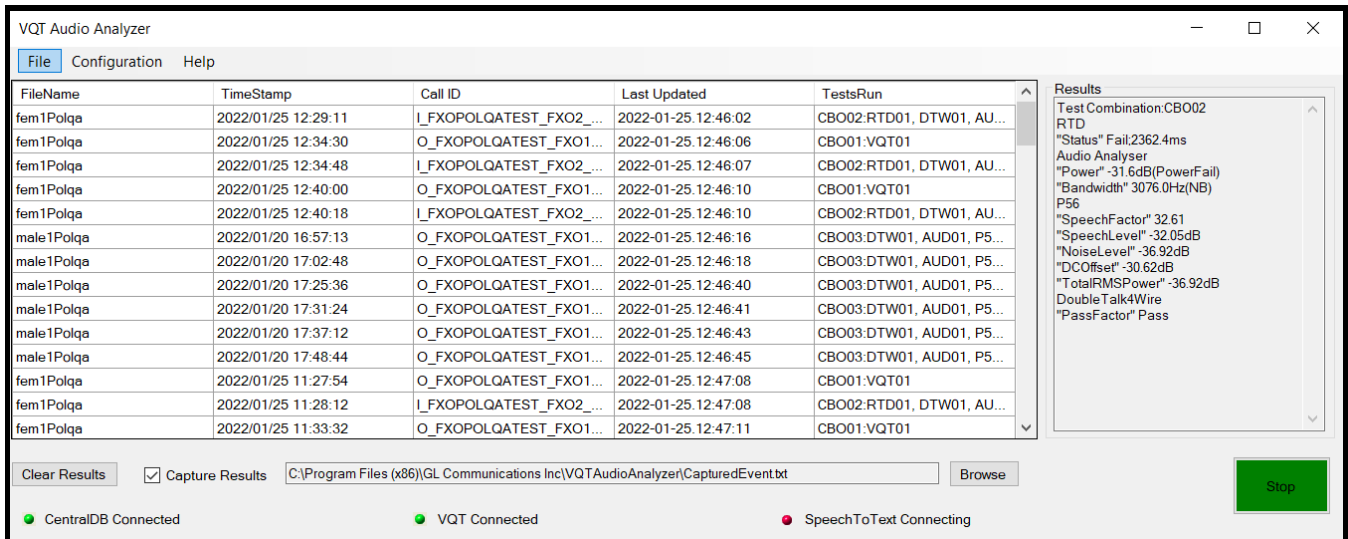


- Double click on **Launch VQTAudioAnalyzer.exe** shortcut icon created on the desktop. The application should invoke without any error.



## Quick Check-out Procedure

- After successfully invoking the application, the below files are created in the following path **C:\Program Files (x86)\GL Communications Inc\VQTAudioAnalyzer**.
  - VQTAudioAnalzer.ldb
  - VQTAudioAnalzer.mdb
- To reload the modified default files, user can follow any one of the below steps.
  - On the **VQT Audio Analyzer** main window, select **File → Reload INI** files option to load the following files GeneralConfig and VQTAudioAnalyzerProfile.
  - On the **VQT Audio Analyzer** main window, select **Configuration → Test Settings → GeneralConfig INI** to load the modified file.
- Click on **Start** and observe the results as shown below.



The screenshot shows the VQT Audio Analyzer application window. It features a menu bar with 'File', 'Configuration', and 'Help'. Below the menu is a table with the following columns: FileName, TimeStamp, Call ID, Last Updated, and TestsRun. The table contains 15 rows of test data. To the right of the table is a 'Results' panel displaying detailed test parameters and their values. At the bottom of the window, there are buttons for 'Clear Results', 'Capture Results' (checked), a file path field, a 'Browse' button, and a 'Stop' button. Status indicators at the bottom show 'CentralDB Connected', 'VQT Connected', and 'SpeechToText Connecting'.

FileName	TimeStamp	Call ID	Last Updated	TestsRun
fem1Polqa	2022/01/25 12:29:11	I_FXOPOLQATEST_FXO2_...	2022-01-25.12:46:02	CBO02:RTD01, DTW01, AU...
fem1Polqa	2022/01/25 12:34:30	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:06	CBO01:VQT01
fem1Polqa	2022/01/25 12:34:48	I_FXOPOLQATEST_FXO2_...	2022-01-25.12:46:07	CBO02:RTD01, DTW01, AU...
fem1Polqa	2022/01/25 12:40:00	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:10	CBO01:VQT01
fem1Polqa	2022/01/25 12:40:18	I_FXOPOLQATEST_FXO2_...	2022-01-25.12:46:10	CBO02:RTD01, DTW01, AU...
male1Polqa	2022/01/20 16:57:13	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:16	CBO03:DTW01, AUD01, P5...
male1Polqa	2022/01/20 17:02:48	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:18	CBO03:DTW01, AUD01, P5...
male1Polqa	2022/01/20 17:25:36	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:40	CBO03:DTW01, AUD01, P5...
male1Polqa	2022/01/20 17:31:24	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:41	CBO03:DTW01, AUD01, P5...
male1Polqa	2022/01/20 17:37:12	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:43	CBO03:DTW01, AUD01, P5...
male1Polqa	2022/01/20 17:48:44	O_FXOPOLQATEST_FXO1...	2022-01-25.12:46:45	CBO03:DTW01, AUD01, P5...
fem1Polqa	2022/01/25 11:27:54	O_FXOPOLQATEST_FXO1...	2022-01-25.12:47:08	CBO01:VQT01
fem1Polqa	2022/01/25 11:28:12	I_FXOPOLQATEST_FXO2_...	2022-01-25.12:47:08	CBO02:RTD01, DTW01, AU...
fem1Polqa	2022/01/25 11:33:32	O_FXOPOLQATEST_FXO1...	2022-01-25.12:47:11	CBO01:VQT01

**Results**

```

Test Combination:CBO02
RTD
"Status" Fail:2362.4ms
Audio Analyser
"Power" -31.6dB(PowerFail)
"Bandwidth" 3076.0Hz(NB)
P56
"SpeechFactor" 32.61
"SpeechLevel" -32.05dB
"NoiseLevel" -36.92dB
"DCOffset" -30.62dB
"TotalRMSPower" -36.92dB
DoubleTalk4Wire
"PassFactor" Pass
  
```

Clear Results  Capture Results C:\Program Files (x86)\GL Communications Inc\VQTAudioAnalyzer\CapturedEvent.txt Browse

● CentralDB Connected ● VQT Connected ● SpeechToText Connecting

Stop

- If you are still having technical issues or any other related questions, contact **GL Communications Inc**.