

Sensitive Position Finder version 0.0.1

1. INTRODUCTION

- Sensitive Position Finder is an application for finding sensitive position on machine.
- Sensitive Position is calculated on the basis of statistical parameter.
- Record data on various sensitive positions and store in a text/csv/dat files.
- Recorded files will be processed by Application (Sensitive Position Estimator).
- Result will be displayed on screen.
- Please check Manual for more details.

2. SYSTEM REQUIREMENTS

- Windows Version (XP, VISTA, 7)(required).
 - a. (For OS-32bit version) Click on "Sensitive_Position_32bit" folder.
 - b. (For OS-64bit version) Click on "Sensitive_Position_64bit" folder.
- MATLAB Compiler Runtime (MCR) version 7.15/7.10
 - a. (For OS-32bit version) Run MCRInstaller, located in 32-bit MCR Installer tab "runtime_32bit" folder:
Install/MCRInstaller.exe
 - b. (For OS-64bit version) Run MCRInstaller, located in 64-bit MCR Installer tab "runtime_64bit" folder:
Install/MCRInstaller.exe

NOTE: You will need administrator right to run MCRInstaller. It will install Matlab runtime Compiler in system.

3. INPUT DATA FILE FORMAT

Data files containing acoustic recording on various position.

Data files must be in .txt/.csv/.dat format.

The format of data file is:

<value1>, <value2>, <value3>.....

<value1>, <value2>, <value3>.....

Example: Sample Files are inside Databank Folder.

4. **REQUIRED FILES**

Sensitive Position Estimator has the following dependencies:

(a) Sensitive_Position_64bit.exe/Sensitive_Position_32bit.exe

(b) MCRInstaller.exe

(c) Manual_Sensitive_Position file (For Instruction).

5. **BUILD**

The build environment of Sensitive Position Finder.

32bit- MATLAB R2010a Version: 7.10.0.499 Windows 7 HOME Edition

64bit- MATLAB R2011a Version: 7.12.0.635 Windows 7 Ultimate

5. **Instruction to execute**

Read Sensitive Position Finder-Manual.