



Introduction

The Sewer Line Data OrGanizer, or SL-DOG[®], is a secure, cloud-based web portal that complements the SL-RAT. Upload your acoustic inspection data on a regular basis to view, edit, validate, export and store your valuable data.

This first part of this guide provides instructions on how to install the necessary software to facilitate communication between your PC and SL-RAT device.

The second part of this guide provides instructions on how to upload measurements to the SL-DOG portal. We recommend uploading measurements on a regular basis to best manage your acoustic data.

Items Needed

- PC with Windows installed (XP, 7, 8, or 10)
- Supported web browser (Chrome, Internet Explorer)
- USB cable (provided with SL-RAT)
- Log in credentials to www.sl-dog.com
- Active internet connection



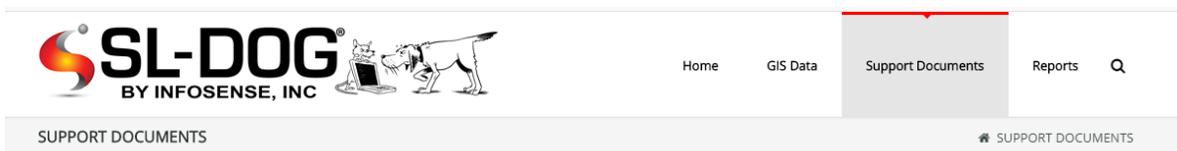
Please note, we have stopped distributing client download files in CD format. All updates should be made with links provided in www.sl-dog.com under Support Documents.

Software Installation Instructions

Step 1 – Log into your SL-DOG Portal

Go to www.sl-dog.com in supported browser (Chrome, Internet Explorer) and log in using your username and password. If you do not have a username or password, please create an account by contacting Heather McNeil at hmcneil@infosense.com.

Step 2 – Go to Support Documents in header menu

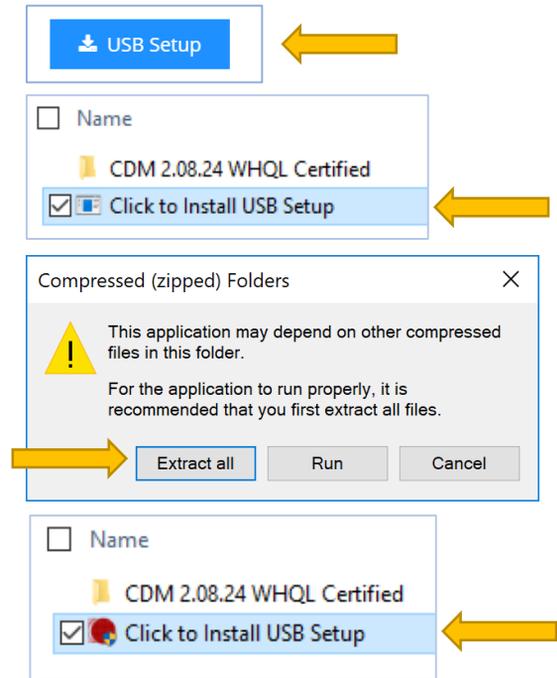




Anti-virus software could prevent installation from happening or require additional administrative information to initiate download. If user does not have permission to install and download fails, the user will be notified in the dialog box.

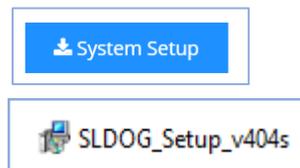
Step 3 – Install USB Driver

- Click <**USB Setup**> under “Required Downloads for SL-DOG”
- Once compressed file downloads, double-click <**Click to Install USB Setup**> to extract files.
- Click <**Extract all**> – this will download the compressed files to your computer.
- Once files are extracted, double-click <**Click to Install USB Setup**> to complete download



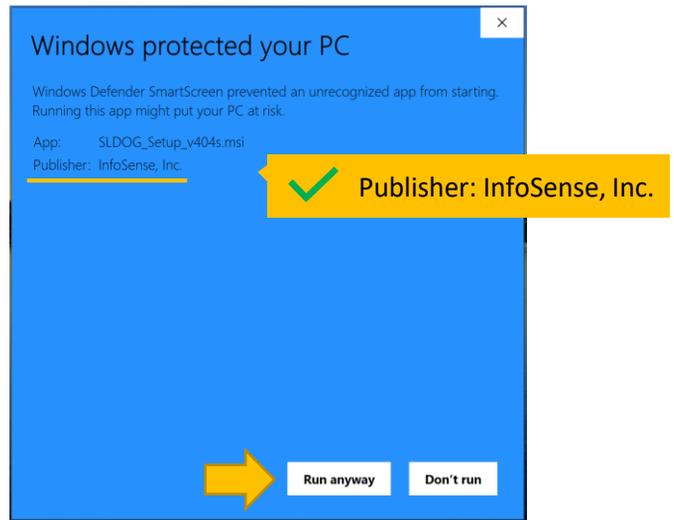
Step 4 – Install System Setup

- Click <**System Setup**> under “Required Downloads for SL-DOG”
- Once file downloads, select file <SLDOG_Setup_v404s> to initiate update

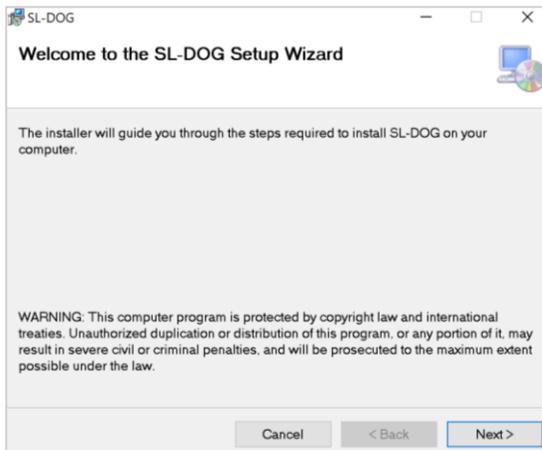


Step 5 (as needed) – Verify Publisher and Run program

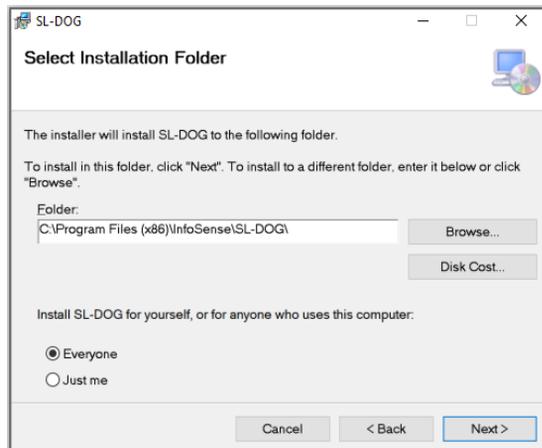
Depending on your virus protection software or PC configurations, Windows may signal a warning. Please select **<More Info>** and ensure that the Publisher is InfoSense, Inc. and select **<Run anyway>** as needed.



Step 6 – Follow Installation Guide

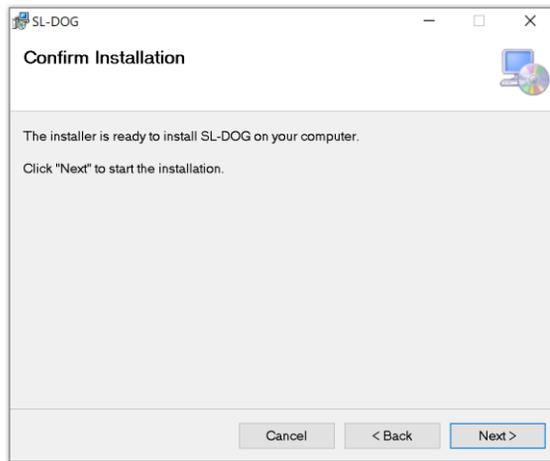


Click **<Next>**

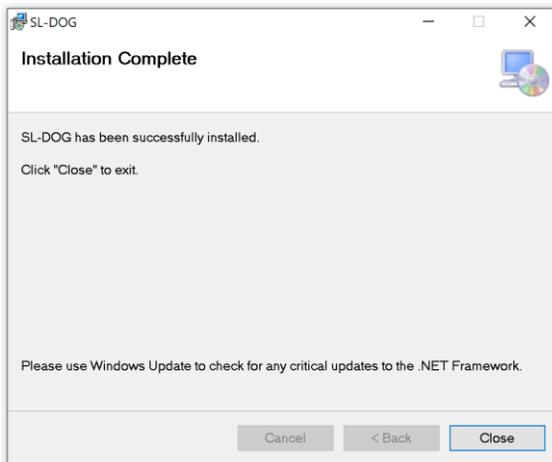


! We recommend selecting **<Everyone>**

Click **<Next>**



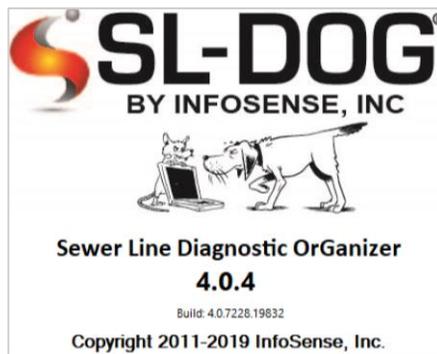
Click <Next>



Click <Close>

Download time depends on the user's internet speed and connection. We anticipate the update should not take more than a few minutes in most cases.

You have now successfully updated your SL-DOG local client to Version 4! You should see the following icon on your desktop for future access.



Uploading Measurements from SL-RAT Instructions

Once you have successfully installed the USB Setup and System Setup, you are ready to upload measurements. After collecting measurements in the field, follow the instructions below to transfer raw data from your SL-RAT to your SL-DOG portal.

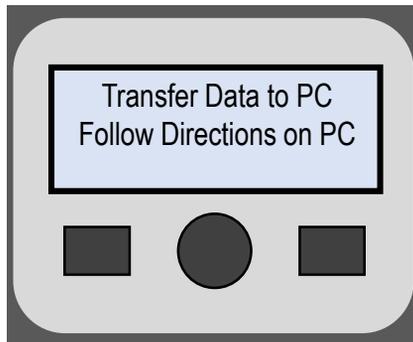
Step 1 – Attach the SL-RAT RX unit to the computer

! Ensure SL-RAT RX and TX units are synched before plugging in RX. This can be done by turning both units off and on.

Turn the SL-RAT RX unit on. Plug in the USB cable. The USB port is located on the bottom of the SL-RAT unit.

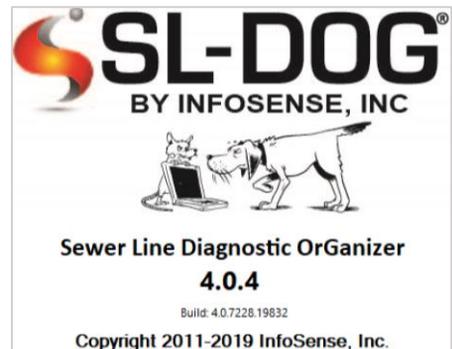


The display screen on the SL-RAT should show the following:

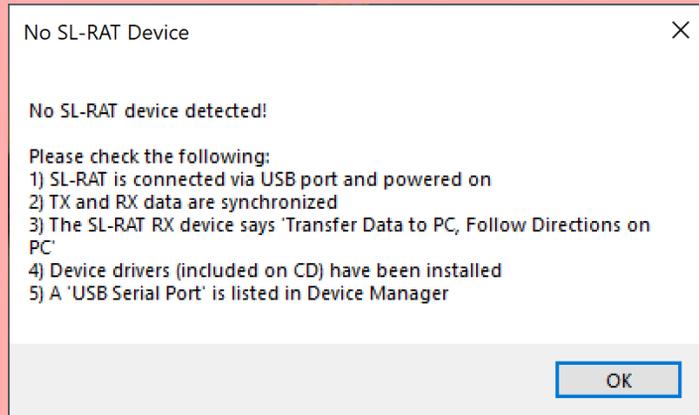


Step 2 – Run SL-DOG Software

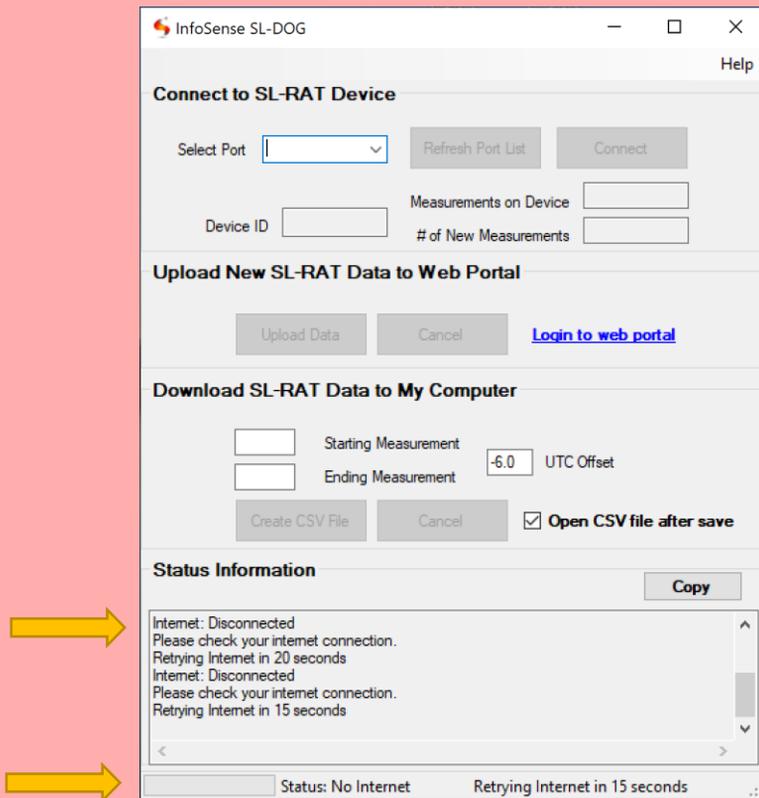
Click on the SL-DOG icon on your desktop (generated during installation). You will see the following screen while the software checks for internet connection and looks for an SL-RAT device.



- ! If the software cannot find an SL-RAT device, you will see the following window. Follow steps described in window to troubleshoot device detection issues:



- ! If there is no internet, the program will indicate this in the bottom left-hand corner of the window & the Status Information area in the bottom.

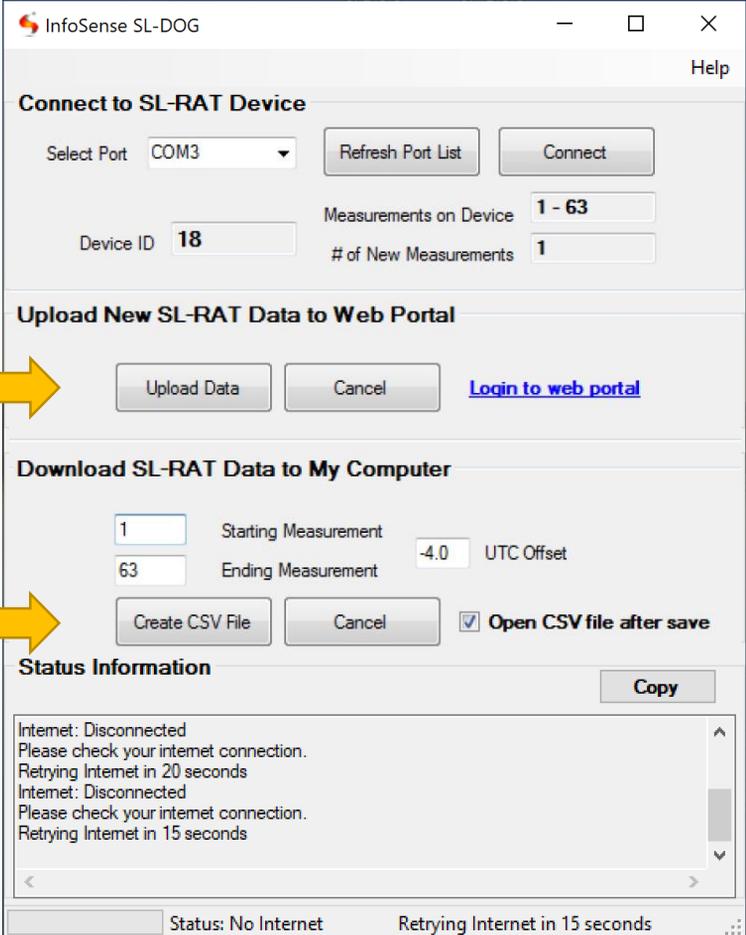


Step 3 – Connect Device and Push Data to Portal

If the SL-RAT RX is properly connected (turned on, synched data with TX) and Internet is connected, the SL-RAT device will communicate with the server and determine what measurements are on the device. Once this happens, the fields will populate, and you will be able to view the data in two ways:

Upload New SL-RAT Data to Web Portal pushes data to the web portal, which you can access at <http://www.sl-dog.com>. From there, data can be exported into various formats such as PDF, CSV (Excel), KML (Google Earth) or SHP (ArcGIS)

Download SL-RAT Data to My Computer creates a CSV file (Microsoft Excel) of the SL-RAT measurements contained on the device. This option also automatically uploads data to the web portal.



The screenshot shows the 'InfoSense SL-DOG' application window. It is divided into several sections:

- Connect to SL-RAT Device:** Includes a 'Select Port' dropdown menu set to 'COM3', a 'Refresh Port List' button, and a 'Connect' button. Below this, there is a 'Device ID' field containing '18', a 'Measurements on Device' field showing '1 - 63', and a '# of New Measurements' field showing '1'.
- Upload New SL-RAT Data to Web Portal:** Features an 'Upload Data' button, a 'Cancel' button, and a blue hyperlink labeled 'Login to web portal'.
- Download SL-RAT Data to My Computer:** Contains two input fields for 'Starting Measurement' (value: 1) and 'Ending Measurement' (value: 63), a 'UTC Offset' field set to '-4.0', a 'Create CSV File' button, a 'Cancel' button, and a checked checkbox for 'Open CSV file after save'.
- Status Information:** A scrollable text area displaying the following status: 'Internet: Disconnected', 'Please check your internet connection.', 'Retrying Internet in 20 seconds', 'Internet: Disconnected', 'Please check your internet connection.', and 'Retrying Internet in 15 seconds'. A 'Copy' button is located to the right of this area.

At the bottom of the window, a status bar indicates 'Status: No Internet' and 'Retrying Internet in 15 seconds'.

You have now completed all the steps necessary to connect and download data from the SL-RAT.