OVARRO ENIGMA GO

ENIGMA WEB PORTAL

Enigma Go App Download
Program, Deploy, Retrieve and Upload Data
Using Enigma Cloud Services

Enigma Acoustic Data Loggers

Instructions apply to standard loggers and hydrophone loggers

SUBSURFACE INSTRUMENTS, INC.

WWW.SSILOCATORS.COM
INFO@SSILOCATORS.COM
(920) 347.1788

EnigmaGo Guide

This guide provides step-by-step instructions for installing and using the EnigmaGo app to program loggers, retrieve recorded data, and upload it to the cloud for analysis. It applies to all Enigma kit configurations, including the Enigma 3 Standard Logger, Enigma 8 Standard Logger, Enigma 3 Hydrophone, and Enigma Hybrid. The tutorial walks users through the full workflow; from initial setup and deployment planning, to logger programming in the field, data collection, and final upload to the Atrium cloud platform; ensuring a consistent and efficient process regardless of the specific Enigma system being used.

Enigma 3 Standard Loggers

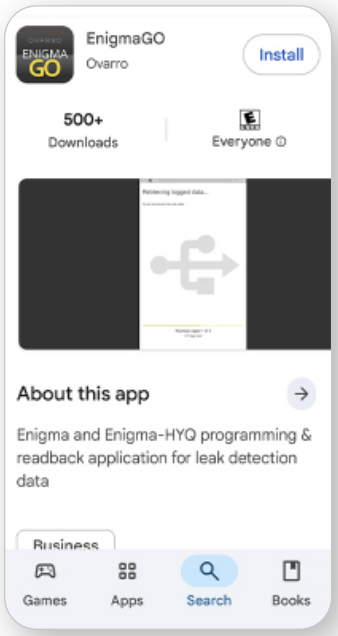
Enigma 8 Standard Loggers

Enigma 3 Hydrophone

Enigma 3 Hybrid

DOWNLOADING "ENIGMAGO" APP

The **"EnigmaGo"** app by Ovarro is only available in the Google Play Store, you can find it on your phone's Google Play access or at *https://play.google.com/store/apps/details?id=com.ovarro.enigma_go&hl=en_US*



ABOUT THE APP → State of the art application for programming and deployment with GPS locations of Ovarro's Industry leading Enigma and Enigma-HYQ lift and shift correlating loggers. The app allows you to program existing hardware with tablets and mobile phones removing the need to use a PC on site. Intuitive flow through the process allows for the ability to retrieve leak noise data from the field with the minimum of user input. Timed and delayed recording modes are supported. Data can be analyzed on Ovarro's cloud based analytic platform allowing for the import of preloaded pipe models and then automatic leak noise location.

ONLY ON Google Play

USB A to C type Converter to connect to your smartphone

Use the same USB cable for smartphone & computer connectivity (Included)

USB Type B case connection

SubSurface Instruments, Inc. | 1230 Flightway Drive, De Pere, WI. 54115
Toll free: 855.422.6346 | **Website:** www.ssilocators.com | **email:** info@ssilocators.com

PROGRAMMING DATA LOGGERS

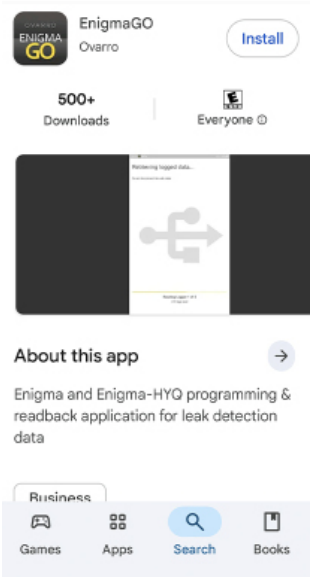
Atrium Account Setup

Please contact SubSurface Instruments, Inc. at info@ssiloactors.com to activate your account on **Ovarro Atrium Cloud**. This is a one-time setup per company. The designated contact will be assigned as the account Administrator and will have the ability to add and manage multiple users within the same organization.

An active Atrium account is required to upload data to the Enigma Web platform and perform cloud-based analysis.

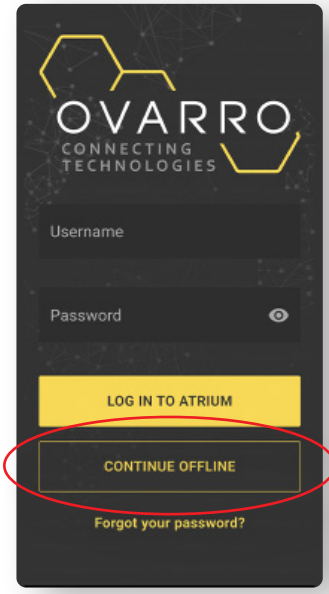
You can still deploy and retrieve data from the loggers without an account; however, the data will be stored locally on your mobile device and will be overwritten if a new deployment is performed before uploading the data to the cloud. ***Note: The EnigmaGo app is used only for deployment and data retrieval, it does not perform analysis or correlations.***

Deploying Data Loggers



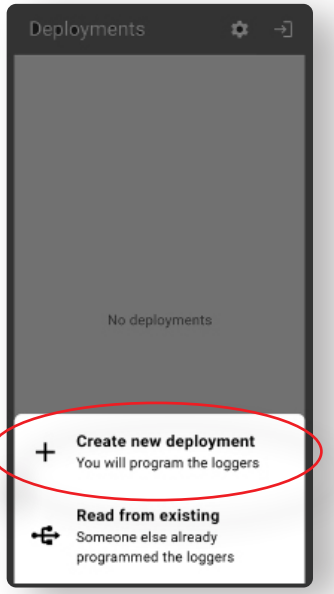
Google Play

IMPORTANT NOTE:
EnigmaGo is only available for Android devices on the Google Play Store. Use the included USB cable to connect the Smartphone to the Loggers' Case and communicate with the App.

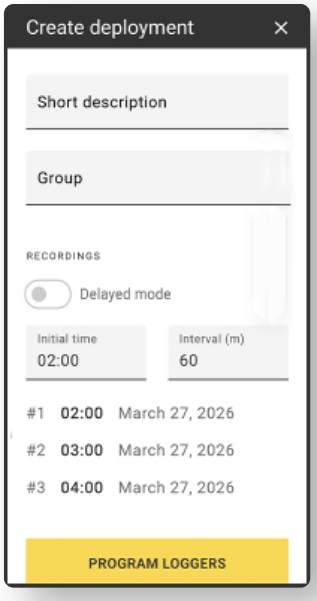


Deploying Loggers
You can log in to your Atrium account if it has already been set up with your sales representative. Alternatively, you can deploy the loggers using the offline method and log in at a later time to upload the collected data to the cloud and perform analysis.

First Time Deploying
The first time you go through the deployment process, you should select the first option and complete the setup before placing any loggers at the locations to be scanned for leaks.



Two Different ways to Create a Deployment



Scheduled Deployment
When creating a scheduled deployment, the app uses the current time of your smartphone as the reference.

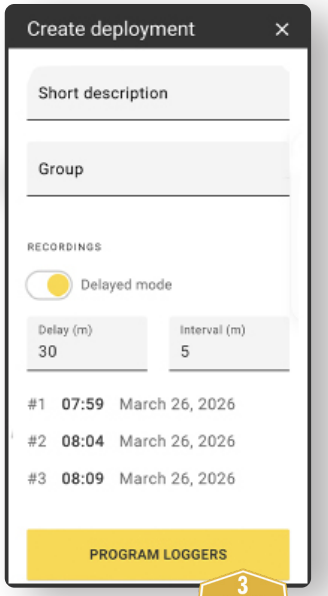
Make sure the "Delayed Mode" toggle is turned off. Then, select the time you want the loggers to begin recording and set the interval (in minutes) between epochs (three total).

Once configured, tap "PROGRAM LOGGERS" and follow the prompts to select and program the desired loggers from the list.

Delayed Deployment
Another option is to set a delay between the time you finish programming the loggers and the start of the first epoch.

Turn the "Delayed Mode" toggle on, and the app will allow you to select the delay in minutes. The minimum delay is 10 minutes, and the smallest interval between epochs is 5 minutes. Each epoch records 2 minutes of audio.

Once your settings are configured, tap "PROGRAM LOGGERS" and select the loggers you want to program from the list.



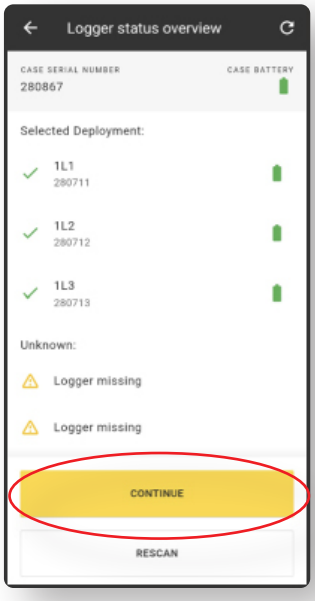
Pro Tip When Deploying Loggers with the App

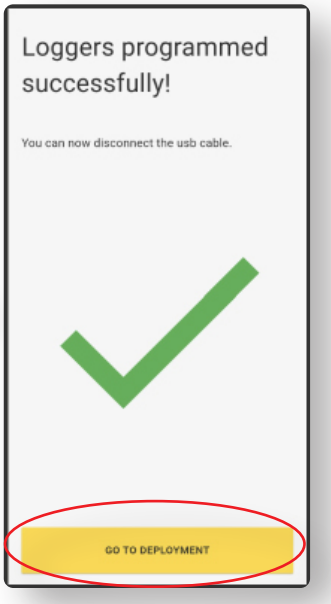
Only place the loggers you intend to use inside the box.
If all 8 loggers are in the box, the system will require you to assign and position all 8 on the map, even if you don't plan to deploy them.

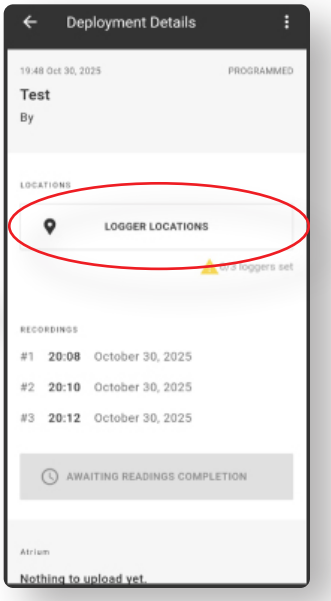
SubSurface Instruments, Inc. | 1230 Flightway Drive, De Pere, WI. 54115
Toll free: 855.422.6346 | **Website:** www.ssilocators.com | **email:** info@ssilocators.com

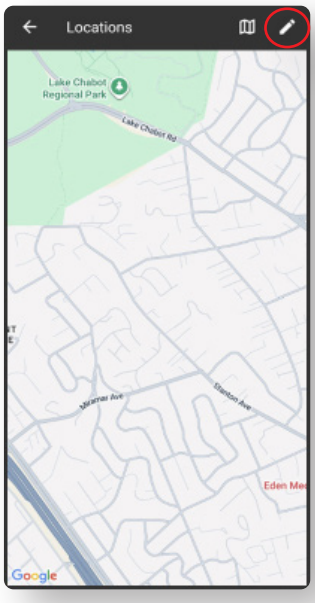
PROGRAMMING DATA LOGGERS

Tap the yellow buttons to continue with the process



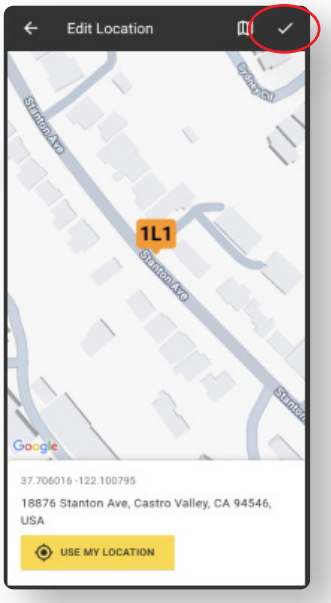




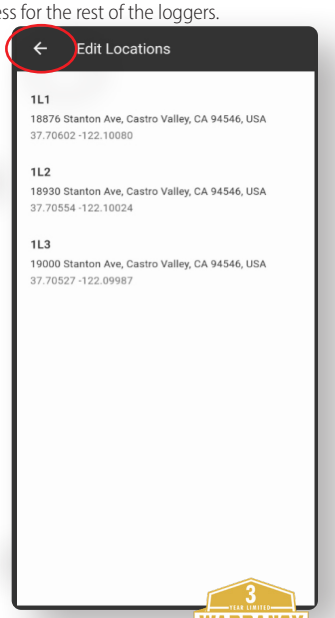


Place Logger on the Map
Tap the pencil icon to place each programmed logger on the map.
A list will appear; position each logger at its most accurate location.

Pick a Location for Each Logger
Tap the logger you want to place on the map.
Each logger is physically and digitally labeled; make sure they match the correct location.



Use the Same Process for Each Logger
Move the map around to place the logger on the right spot, "USE MY LOCATION" to accurately place yourself on the map. Tap the check mark when you're ready and continue the same process for the rest of the loggers.



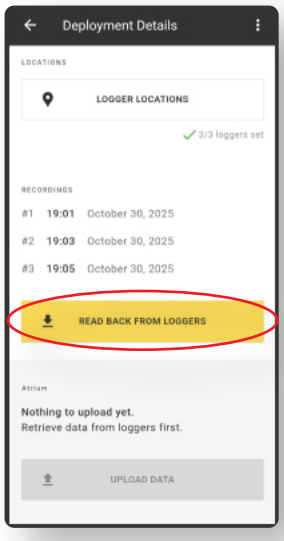
Back to the Data Collection Screen
Once all loggers are placed, tap the back arrow and wait for the deployment time to complete before proceeding.

RETRIEVING DATA LOGGERS

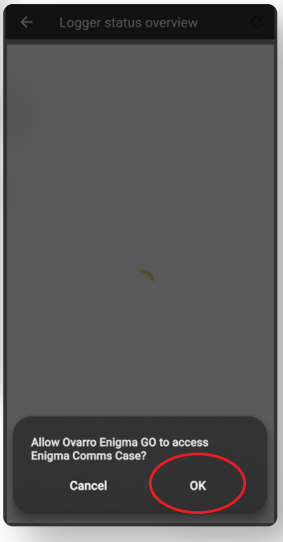
Retrieve the Loggers
Collect all loggers from their field locations once the data collection period is complete.

Place Loggers Back in the Case
Only return the loggers that were programmed and used for data collection. **Check that all logger handles are secured down. Leaving handles up will damage the optical lens.**

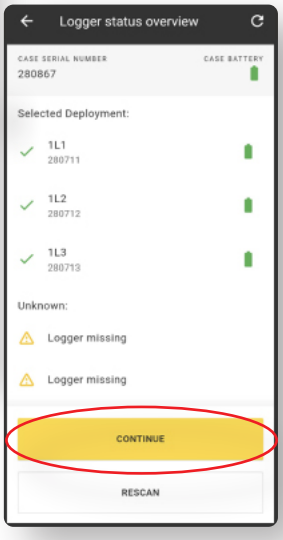
Connect the USB Cable
The USB cable is included with your kit. You will need a USB A to C type Converter to connect to your smartphone.



Follow instruction on the Screen
Tap the read back button to start the process once the case and smartphone are connected

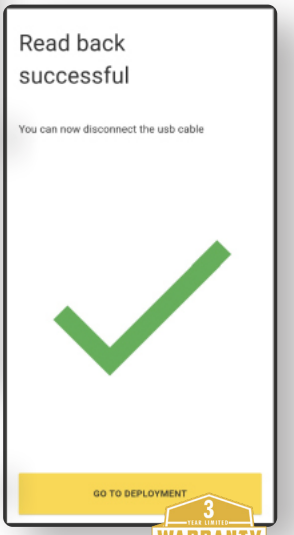


Tap the "OK" option to continue with the process



Tap continue to retrieve the data after making sure all the needed loggers are selected on the screen.

Wait for the App to retrieve the data, this process might take a few minutes.



Important Note:

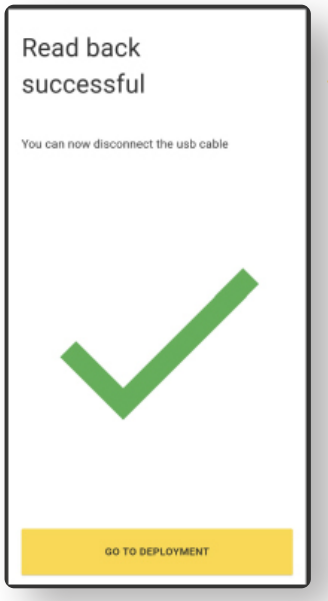
The data is currently stored on your smartphone and has not yet been uploaded to the cloud.

If you return to the main screen and start a new programming session, the existing data may be overwritten.

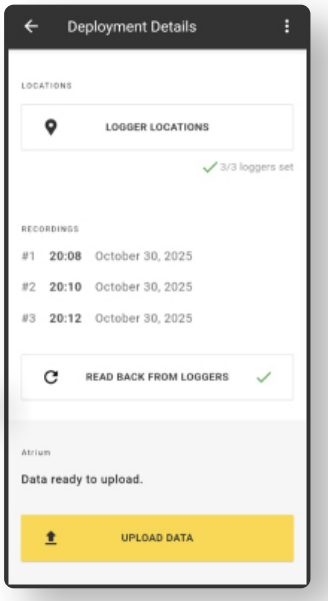
Upload the data to your Atrium account to save it to your project and enable analysis for correlation and leak location.

SubSurface Instruments, Inc. | 1230 Flightway Drive, De Pere, WI. 54115
Toll free: 855.422.6346 | **Website:** www.ssilocators.com | **email:** info@ssilocators.com

UPLOADING DATA TO THE CLOUD

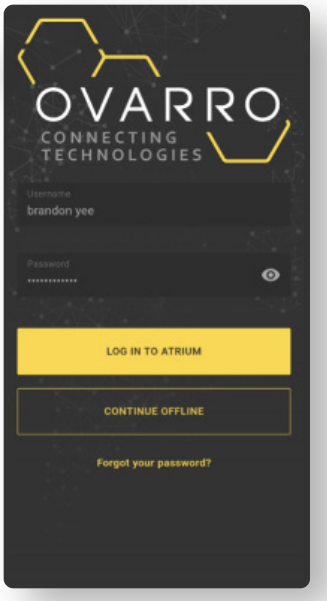


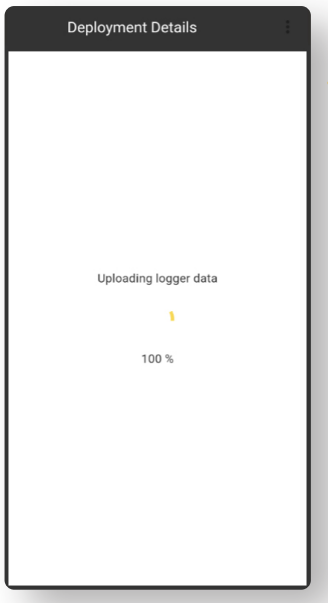
Start Uploading Process
Tap "Go to Deployment" and go back to the deployment screen to start the uploading process.



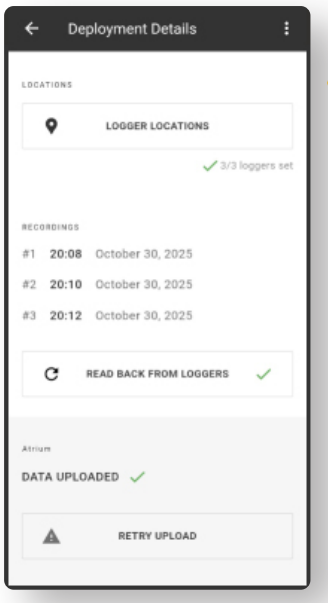
Sync with Cloud
Tap "Upload Data" to bring up the sign in screen

Sync with Cloud
Activate your account on Ovarro Atrium Cloud prior this step.
Enter your credentials to synchronize your smartphone EnigmaGo App to the Atrium account



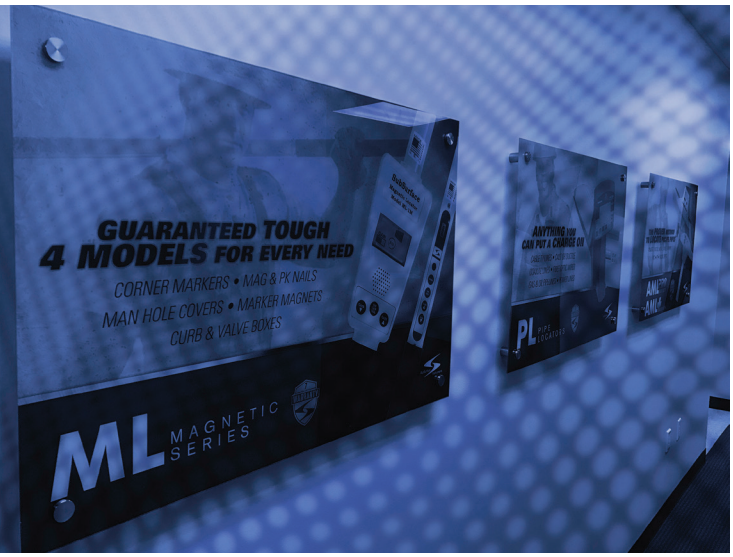


Wait for the data upload to complete.
This may take a few minutes, depending on your internet connection speed.



Synced with Cloud
If the upload completes without issues, your data has been successfully synced.

You can now log in to your Atrium account to review and analyze the information.



AN INNOVATIVE DESIGN FORCE
IN SUBSURFACE DETECTION & LOCATION

SubSurface Instruments, Inc. Is an innovating force that engineers, manufactures and distributes high-frequency and magnetic locators, pipe and cable locators, leak detectors, leak correlators, borehole gradiometers, ground fault locators and specialty locators.

SubSurface Instruments, Inc. is a U.S.-based manufacturer specializing in advanced utility locating and leak detection equipment. With decades of experience in the field, we design and build tools that help municipalities, contractors, and utilities locate underground assets with precision and reliability. Our products are trusted worldwide for their durability, accuracy, and ease of use, whether it's for locating pipes and cables, detecting water leaks, or mapping critical infrastructure.

What sets SubSurface Instruments apart is our commitment to innovation, customer service, and real-world performance. Every product we offer is engineered, tested, and supported by a dedicated team that understands the challenges of working in the field. We pride ourselves on being responsive to customer needs, offering dependable service, and continually developing solutions that make locating and leak detection simpler, faster, and more effective.

Scan to go to our Website

SubSurface Instruments, Inc.

1230 Flight Way Drive

De Pere, WI 54115 USA

855.422.6346 toll free

+1 (920) 347.1788

info@ssilocators.com

www.ssilocators.com

SubSurface Instruments

www.ssilocators.com