

Argon (Data) Quick Start Guide

The System Sentinel tool suite comprises our Argon (Data) field collection tool and our Cobalt real time data viewer. Cobalt is a server-side browser application that runs in Internet Explorer. Cobalt receives the mobile data from Argon (Data), including location, and plots the position of the device on a map in real time.

- Download - Download the Argon mobile client from the Tropper Technologies website onto your Android enabled phone (Android version 1.6 or higher).
 - Before installing the Argon software, verify that the Android operating system "Allow install of non-market applications" tick box is checked (from the Home screen click "Settings" → "Applications" → "Unknown Sources").
- Overview - The Argon User Interface includes four tabbed views: *Controls* (providing various operating controls), *Data Test* (providing various data test related controls), *Reserved* (reserved for future features) and *Stats* (providing the main data output window). By default, when the Argon software starts, the *Stats* tab receives focus.
- Initialization - The Argon software operates utilizing various Usage Rights (e.g., GPS, Data Push, Log Data, Data Test). The Usage Rights are verified by the Argon Software by polling a remote server. Initialization of the Argon software is as follows:
 - *Get Registered On The Server* - Please contact us and let us know the telephone number of your user equipment that will be running the Argon software. We can then register that device with the server (please provide the telephone number of the user equipment exactly as reported by Argon at the top of the *Stats* view (at the line labeled "Tel. No. (Numeric)").
 - *Set Usage Rights* - Simply click the *Controls* tab and then click the *Set Usage Rights* button. A dialog listing the current Usage Rights (along with reasons for the current Usage Rights) will be presented. Click the *Refresh Usage Rights* button. The server will be polled and the results provided. Please note that the storage of the Usage Rights is not persistent and the verification of Usage Rights described in this section should be done each time the Argon software is run.
- Operation
 - *GPS* - To toggle the GPS simply click the *Controls* tab and then click the *GPS* toggle button (the *GPS* toggle button will indicate its state with the word "ON" or "OFF").
 - *Data Push* - To toggle pushing of data to the server (for a real-time map view at www.troppertech.com) simply click the *Controls* tab and then click the *Data Push* toggle button (the *Data Push* toggle button will indicate its state with the word "ON" or "OFF").
 - *Data Logging* - To toggle logging of data to a file on the mobile terminal simply click the *Controls* tab and then click the *Logging* toggle button (the *Logging* toggle button will indicate its state with the word "ON" or "OFF").
 - *Log File Transfer* - To transfer log files from the phone to your computer for further analysis, simply connect the phone to the computer using your USB cable. The computer operating system should automatically recognize the phone as an additional drive (the Argon log files are in the root directory).
- Notes (for best results)
 - Voice calls should not be made or received while Argon is running.
 - Argon should be the only application running at the time and should be kept as the topmost, in-focus window in Android.

See data from your mobile phone being fed in real-time to your web browser using Cobalt (see the Cobalt Quick Start guide for details).

Web: www.troppertech.com

email: sales@troppertech.com



Tropper
Technologies