

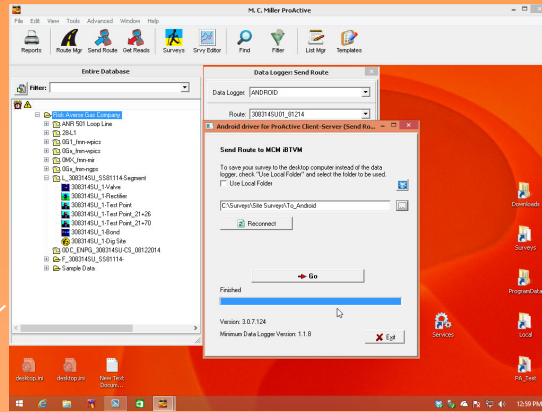
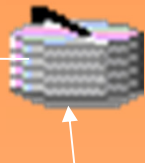


- **Android™ compatible Bluetooth® voltmeter with integrated GPS receiver**
- **Wireless communication with tablets & *phones***
- **Submeter GPS at no additional cost**
- **Bluetooth® status indicating LED on case exterior**
- **5 pin connector and 2 shrouded banana jacks**
- **MCM Test Site Survey app for Android™ application preview**

*Support Overview*



# ProActive Single User Environment

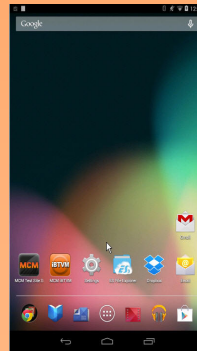


**ProActive (ver 3.0.7.312+)**

- Send Route
- Get Reads
- Import 'Time Chart' data

**Transfer**

- Email
- Dropbox
- USB



**Tablet**

- App
- TSS



**iBTVM**

- VM
- GPS<m

# Support Overview



## Data Transfer *Android Tablet Setup*

To connect tablet with iBTVM device

- **Bluetooth** enabled connection with iBTVM

To transfer data from tablet to ProActive, three methods are available

- **Email**

- requires **WiFi at minimum**
- access to an Email account

- **Dropbox**

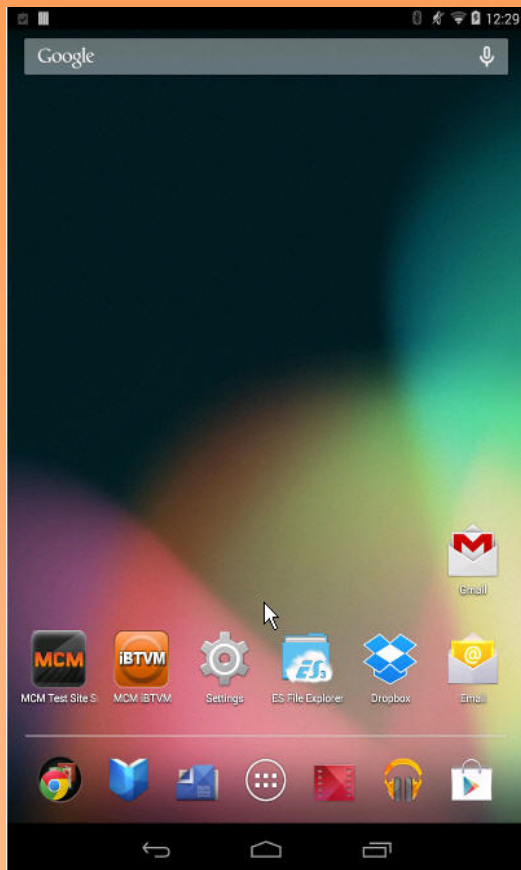
- requires **WiFi at minimum**
- access to a Dropbox account

- **USB** connection

- must be in **Developer** mode/options
  - **USB Debugging** enabled
- **Security** setting
  - **Unknown sources** enabled
  - **Verify apps** enabled

**MCM Test Site Survey** app download & install (for ProActive users)

- download from **MCMiller** website
- do **Settings** function setup
  - connect with iBTVM
  - if Dropbox user, '**Synchronize with Dropbox**'



# *Support Overview*



## Data Transfer PC Setup

- **ProActive** version **3.0.7.312 or higher** must be installed on your PC to provide Android tablet and iBTVM support.

At least one of three transfer methods needs to be setup or user can choose a combination of transfer methods.

- **USB Connection**

- **USB driver** with **Android Debug Bridge (ADB)** capability required on the PC running ProActive

- driver may be unique to tablet brand (ie Nexus, Samsung, LG, Lenovo etc)
  - may be obtained from tablet website
  - download and install

- Helpful **USB driver** download website...

- <http://dottech.org/26188/usb-adb-and-fastboot-drivers-for-windows-for-all-android-phones>

- **Email**

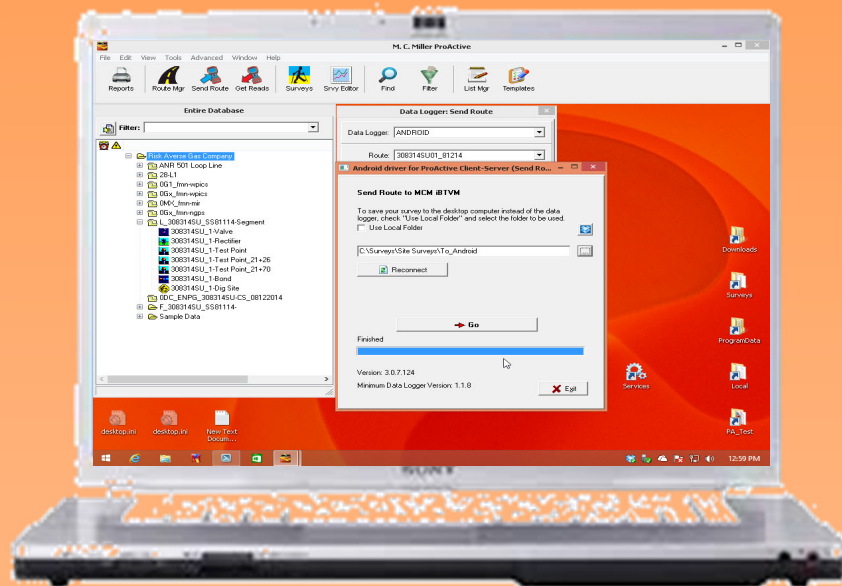
- access to email account

- **Dropbox**

- access to Dropbox account

- setup Dropbox folder

- download and install Dropbox on PC

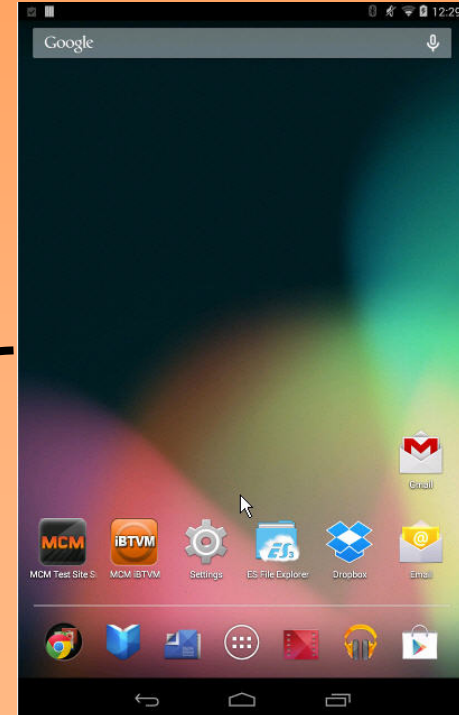
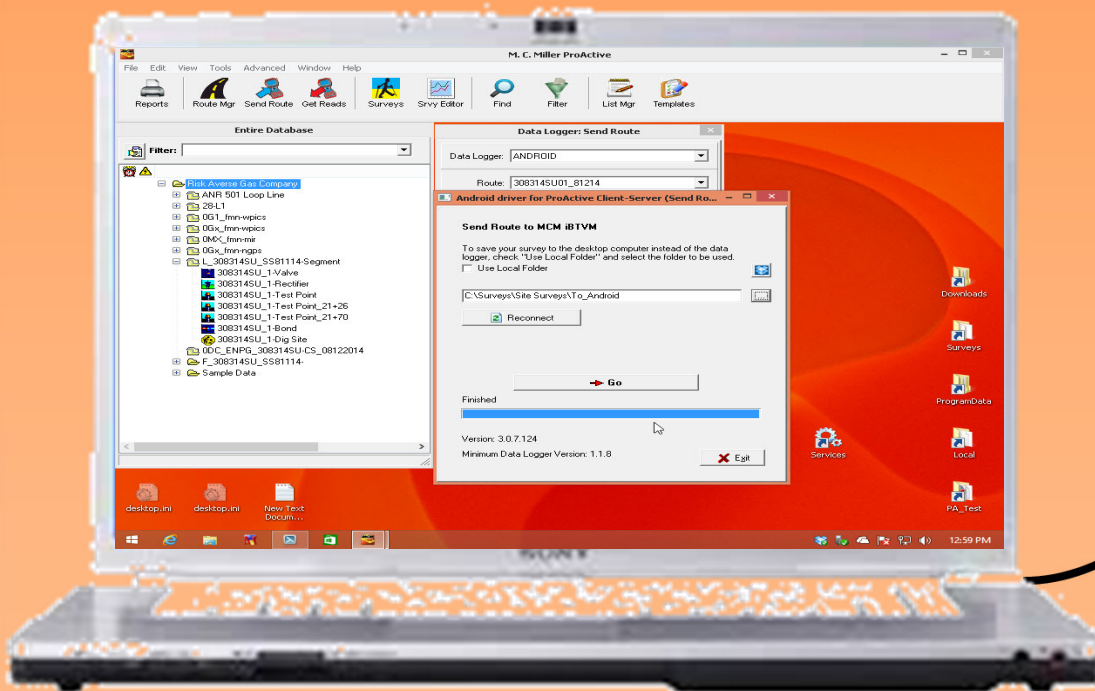


# Support Overview



## ProActive – Send Route via USB connection

- click **Send Route** function
  - select **Android Data Logger**
  - setup *Route* info
  - click *Go*
- **Android driver...**
  - **uncheck Use Local Folder**
  - click *Go*
  - get successful **Finished**

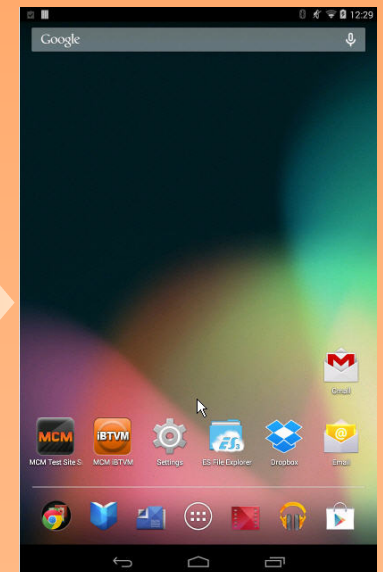
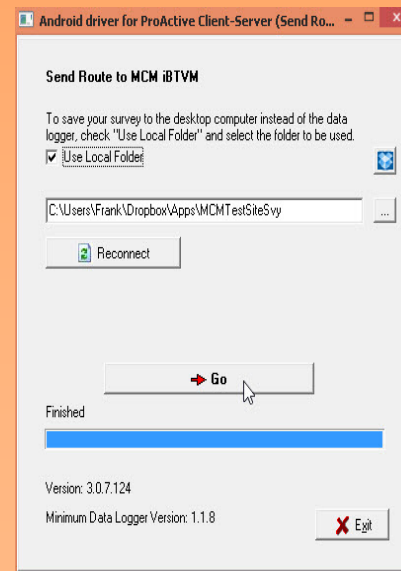
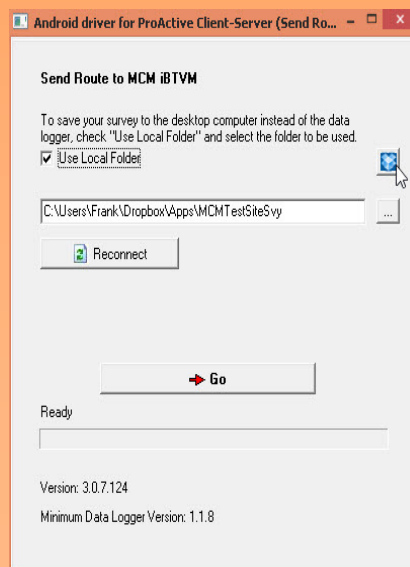
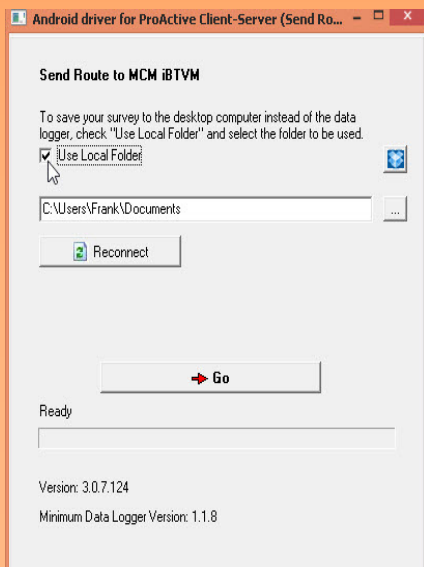


*Support Overview*



## ProActive – Send Route via Dropbox

- click **Send Route** function
  - select **Android Data Logger**
  - setup *Route* info
  - click *Go*
- **Android driver...**
  - **check Use Local Folder**
  - **click Dropbox** button
  - click *Go*
  - get successful **Finished**

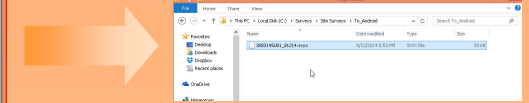
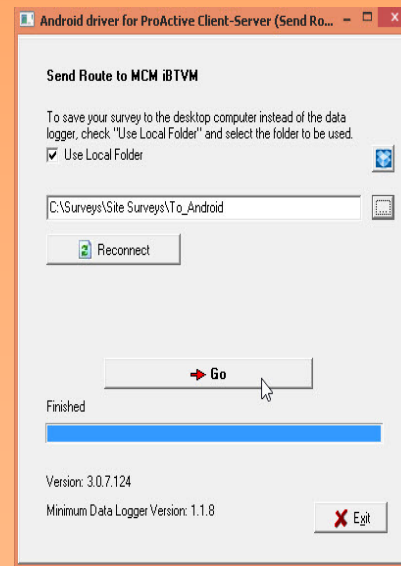
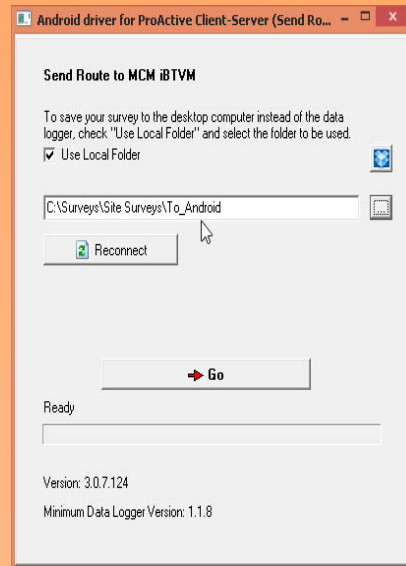


# Support Overview



## ProActive – Send Route via Email

- click **Send Route** function
  - select **Android Data Logger**
  - setup *Route* info
  - click *Go*
- **Android driver...**
  - **check Use Local Folder**
  - **setup target Folder**
  - click *Go*
  - get successful **Finished**

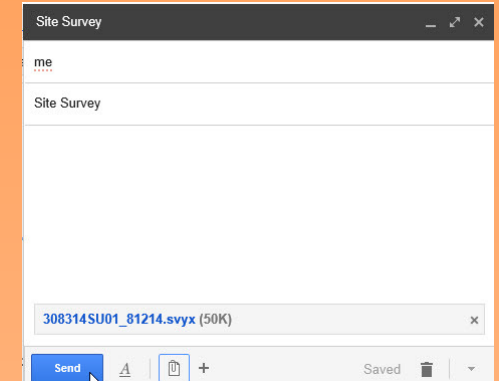
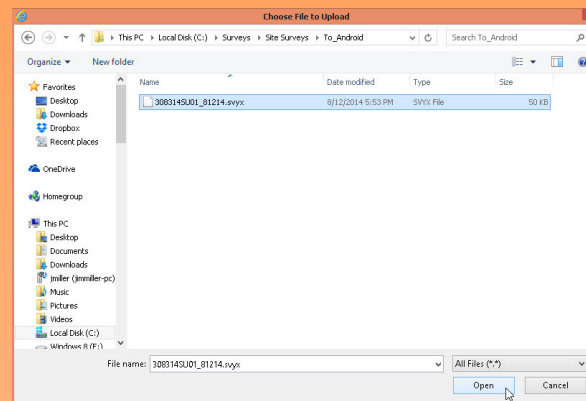
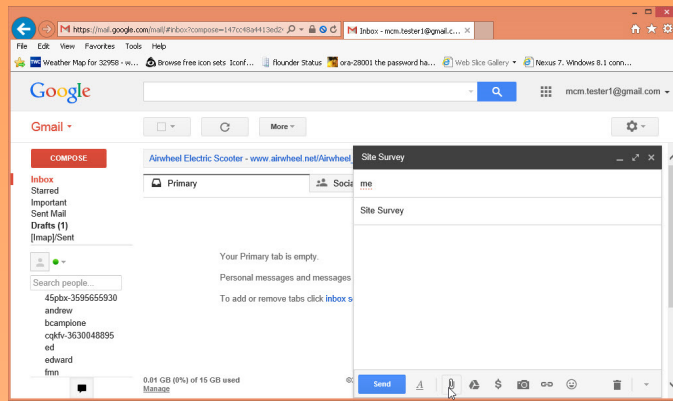


# Support Overview



## ProActive – Send Route via Email (cont)

- On PC, login to Email account
  - setup recipient of Email
    - could send to yourself
  - attach **site survey** file
  - **Send** Email



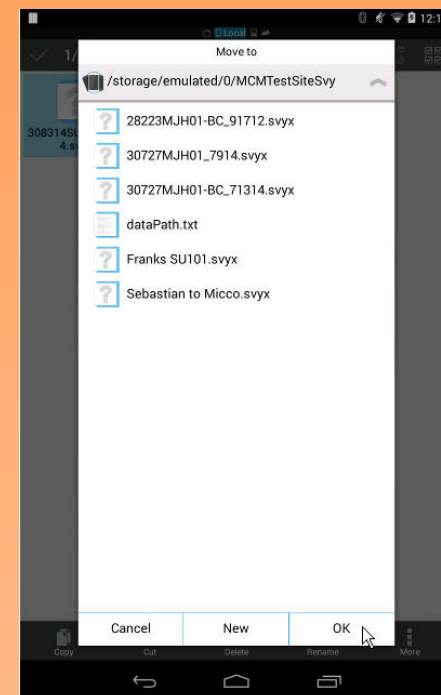
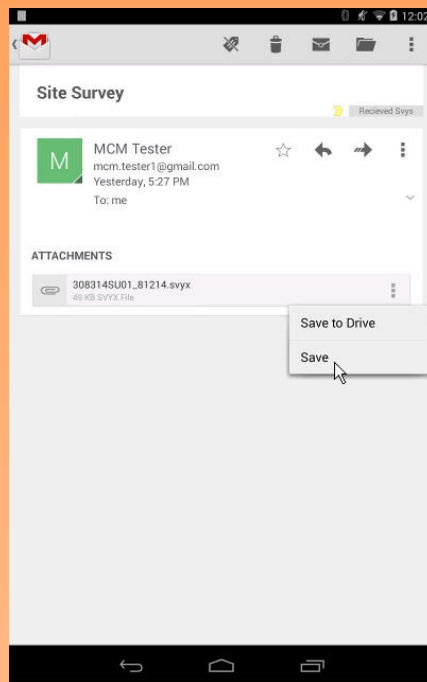
*Support Overview*





## ProActive – Send Route via Email (cont)

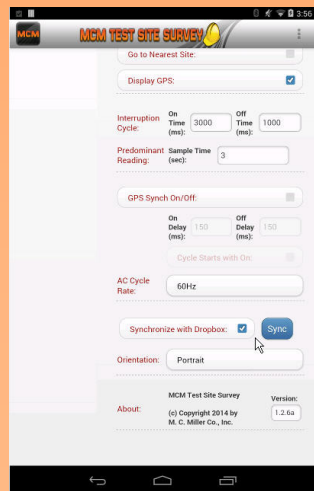
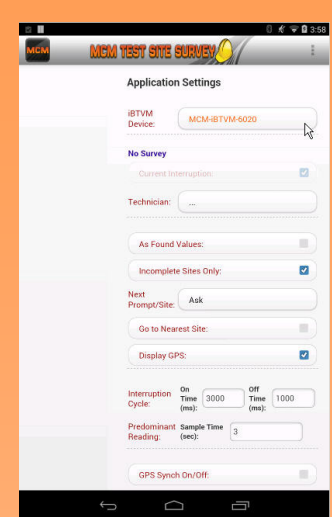
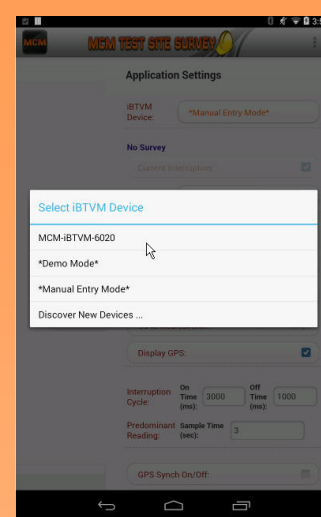
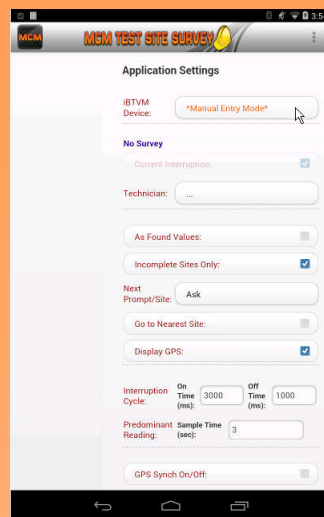
- On tablet, login to Email/Gmail account
  - select Email with site survey
  - save/download **site survey** file
  - **move** site survey file to **MCMTestSiteSvy** folder



*Support Overview*



# MCM Test Site Survey Setup



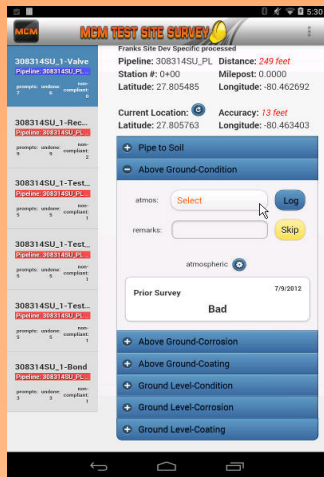
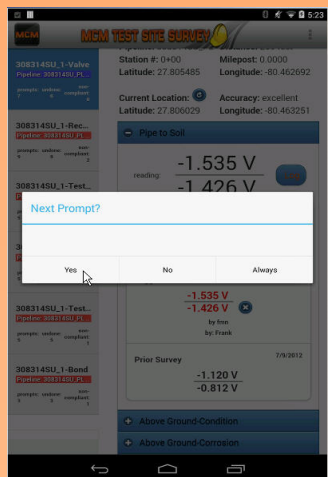
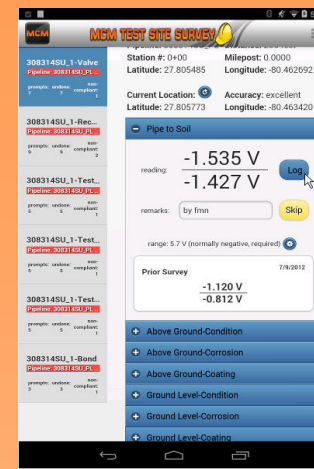
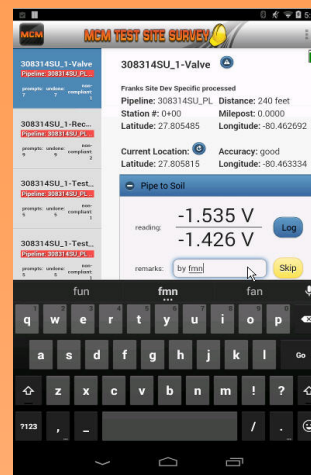
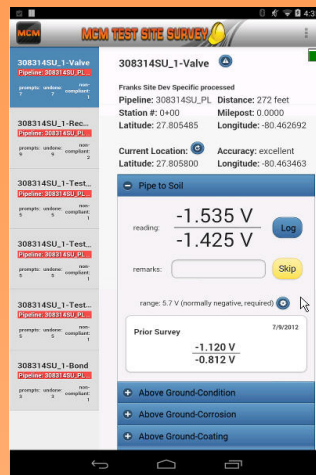
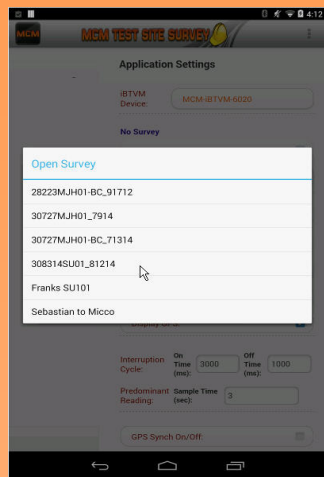
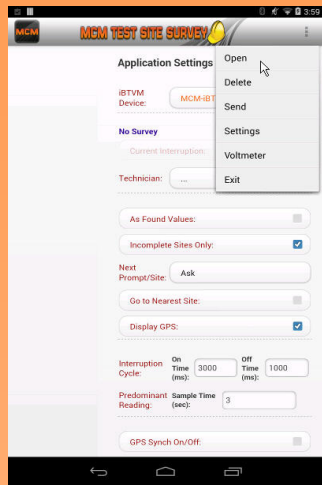
- Open MCM Test Site Survey
- Select **Settings** from menu
- Connect to your **iBTVM**
- Select & Sync with your **Dropbox** account

*Support Overview*



# MCM Test Site Survey

## Open Survey & Take Readings



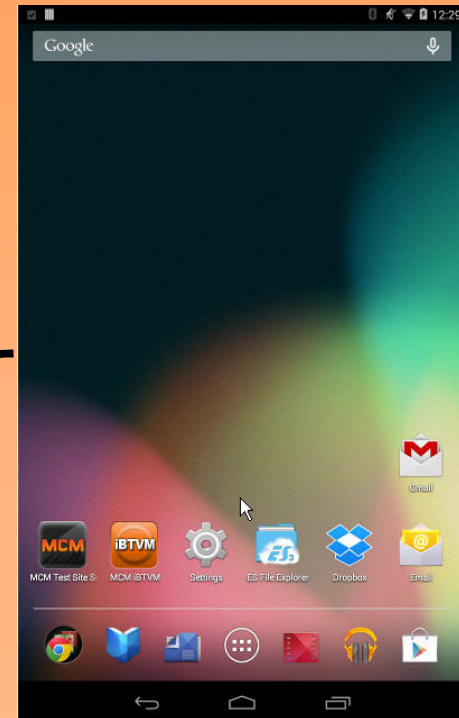
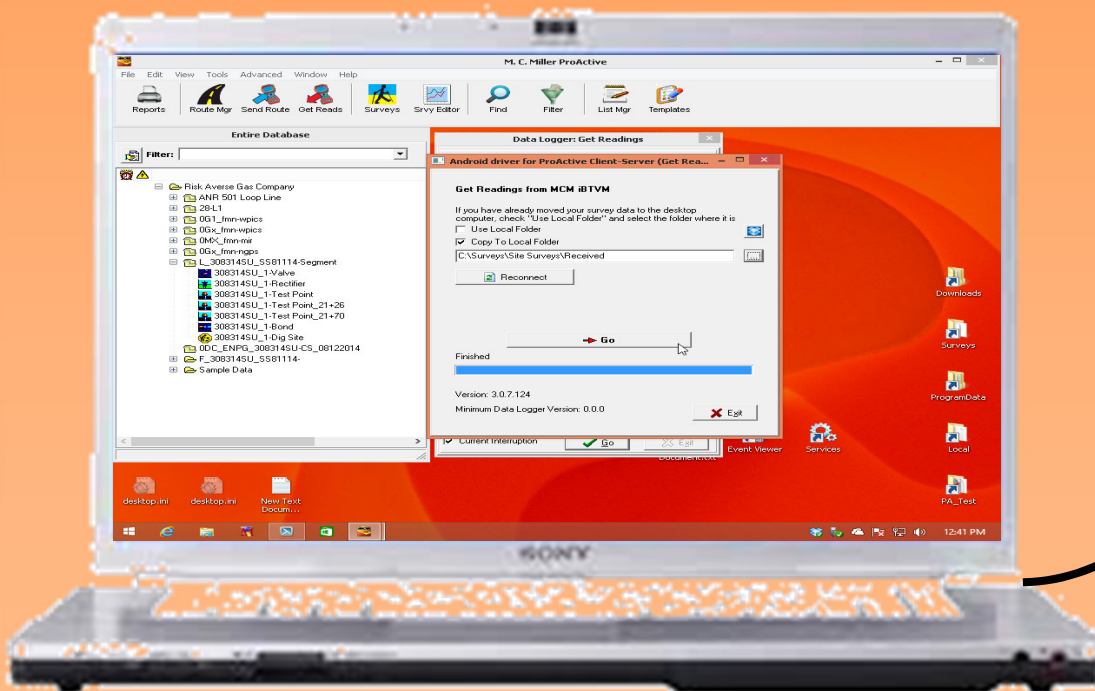
- Select **Open** function
- Select **Survey** to open
- Selected Survey is opened to 1<sup>st</sup> **incomplete** site and prompt
- Take reading and enter optional remarks
- **Log** taken reading
- Continue to **Next** prompt?
- Auto Save readings after **completing a Site** or upon **Exit**

# Support Overview



## ProActive – Get Reads via USB connection

- click **Get Reads** function
  - select **Android Data Logger**
  - setup *Route* info
  - click *Go*
- **Android driver...**
  - **check Copy to Local Folder**, setup Folder directory
  - click *Go*
  - get successful **Finished**

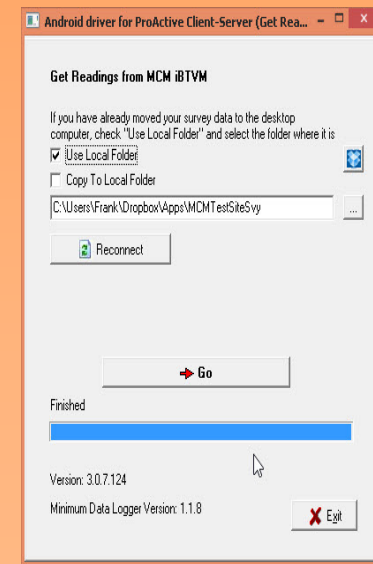
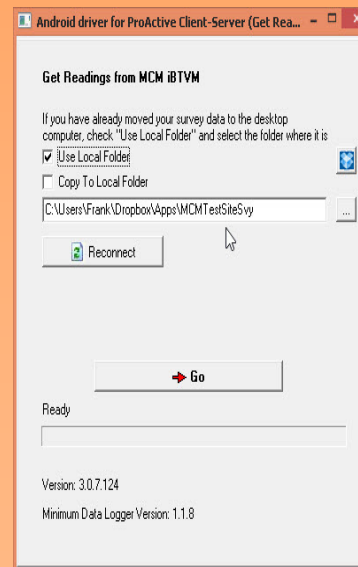
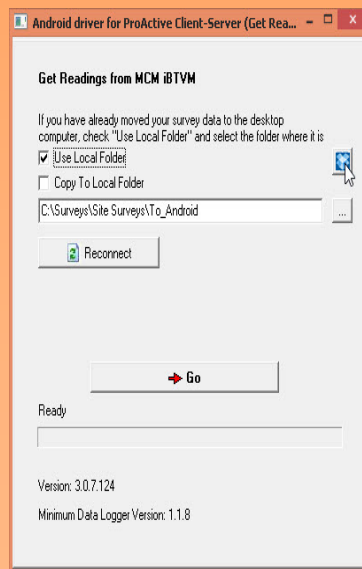
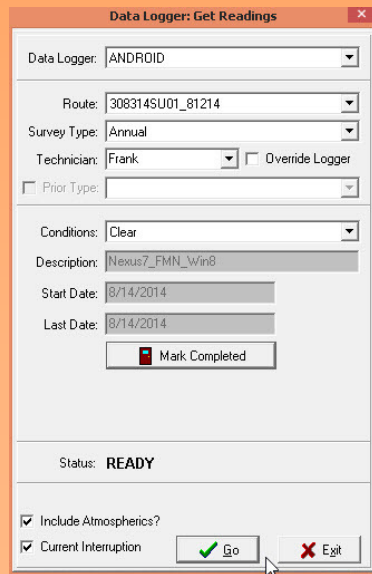


# Support Overview



## ProActive – Get Reads via Dropbox

- click **Get Reads** function
  - select **Android Data Logger**
  - setup *Route* info
  - click *Go*
- **Android driver...**
  - **check Use Local Folder**
  - **click Dropbox** button
  - click *Go*
  - get successful **Finished**



# Support Overview



## ProActive – Get Reads via Email

On tablet, login to Email/Gmail account

- compose Email, attach **site survey** file from **MCMTestSiteSvy** folder, **Send**

On PC, login to Email/Gmail account

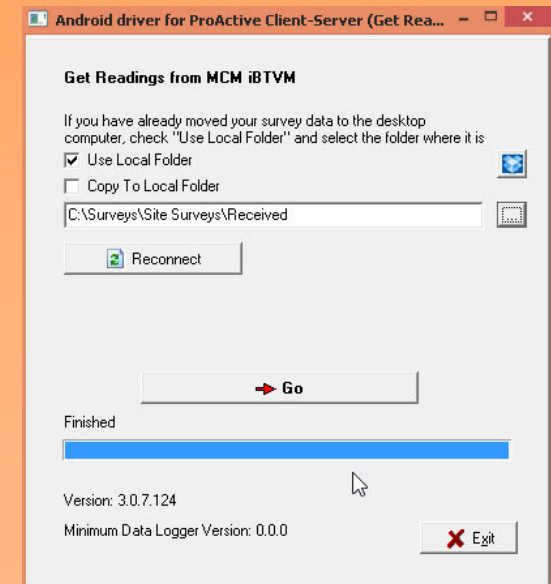
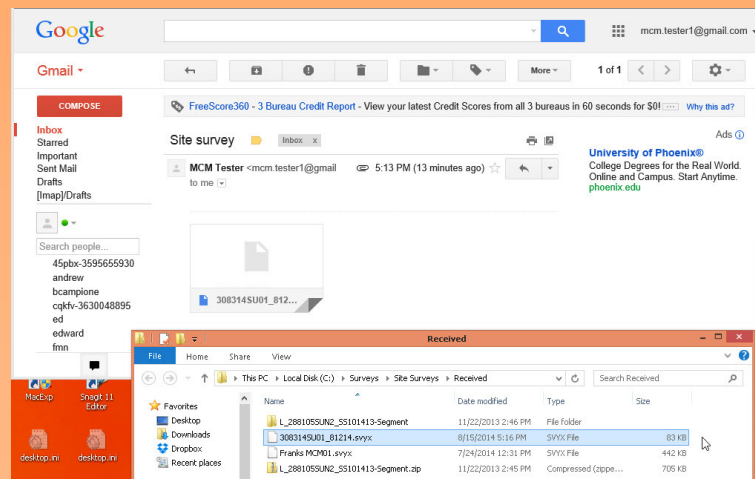
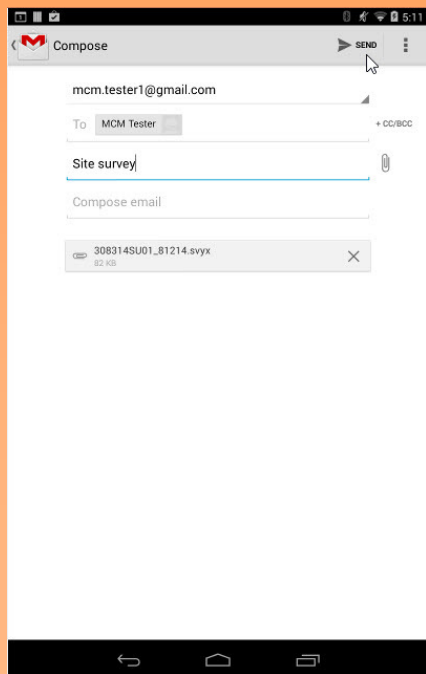
- read Email, download **site survey** file to **target** local Folder

In ProActive, click **Get Reads** function

- select **Android Data Logger**
- \_setup **Route** info
- click **Go**

**Android driver...**

- **check Use Local Folder**
- **setup target** Folder
- click **Go**
- get successful **Finished**



# Support Overview



## ProActive – Get Reads review posted readings

In ProActive, open **Site** from Route having readings taken

- select **Readings** tab
- review **History** section

**For Atmospherics...**

- select **Atmospherics** tab
- review **History** section

M. C. Miller ProActive

File Edit View Tools Advanced Window Help

Reports Route Mgr Send Route Get Reads Surveys Srvy Editor Find Filter List Mgr Templates

Entire Database

Filter:

- Risk Averse Gas Company
  - ANR 501 Loop Line
  - 28-L1
  - OG1\_fm-n-wpics
  - OGx\_fm-n-wpics
  - OMX\_fm-n-mir
  - OGx\_fm-n-ngps
  - L\_308314SU\_SS81114-Segment
    - 308314SU\_1-Valve
    - 308314SU\_1-Rectifier
    - 308314SU\_1-Test Point
    - 308314SU\_1-Test Point\_21+26
    - 308314SU\_1-Test Point\_21+70
    - 308314SU\_1-Bond
    - 308314SU\_1-Dig Site
  - ODC\_ENPG\_308314SU-CS\_08122014
  - F\_308314SU\_SS81114-
  - Sample Data

308314SU\_1-Valve Details Form

Location | Valve | Readings | Atmospherics | Graph | Time Chart | Notes | Audit Trail

Setup

Descriptions: Pipe to Soil

History

Date	RMU id
8/14/2014	7/9/2012
Pipe to Soil	-1.5352
	-1.4264
	-0.812

Compliance

DOT Rule: UNASSIGNED Next Reading Due

Lary-Test.key New Text Document.txt Event Viewer Services

308314SU\_1-Valve Details Form

Location | Valve | Readings | Atmospherics | Graph | Time Chart | Notes | Audit Trail

Setup

Descriptions: Ground Level

History

Date	Condition	Bad*
8/15/2014	Fair	Blister
7/9/2012	Fair	Blister
Above Ground	Cracking	Coal Tar Enamel
Ground Level	Cracking	Coal Tar Enamel

# Support Overview