

eLocust2 Data Management

Configuration on the PC – one-time only

1. create folder c:\eLocust2
2. copy logReader.xls, mailReader.xls and diffusion.dtd files into this folder ¹
3. open logReader.xls and change Security Level to Medium (Tools Menu / Macros / Security) ^{2 3}
4. close logreader.xls (do **not** save)
5. reopen and when the Security Warning appears, select Disable Macros
6. set the local time by selecting the Options tab at the bottom and change the Timezone to your local zone (number of hours +/- from GMT; e.g. 5.5 for India)
7. change the Macro Security to Low (Tools Menu / Macros / Security)
8. close the file and save
9. repeat steps 3-8 for mailReader.xls

QuickStart – downloading eLocust2 data from the Wescor

1. connect eLocust2 to PC (put the cable in the correct plug behind the PC)
2. start Server Mode on eLocust2
 - a. *plug in adapter and as soon as one red light blinks, press and hold Pwr-Cancel buttons together until you hear a single beep*
 - b. *Remote Consul should appear on the eLocust2 screen; if not, try again*
3. start WTerm application on the PC
4. tell WTerm where to save eLocust2 data
 - a. *File Menu – Change Directory double-click [..] to eLocust2, double-click*
 - b. *ok*
5. transfer the data file from eLocust2 to the PC
 - a. *File Menu – Retrieve File(s)*
 - b. *type: c:\resource\data\logmsg.txt*
 - c. *ok*
6. exit WTerm (File Menu)
7. decode the logmsg.txt file on the PC (in c:\eLocust2)
 - a. open logReader.xls (a new file will be created with today's date)
 - b. close logReader.xls file but do **not** save it
8. delete the logmsg.txt from c:\eLocust2

¹ These files can be found in the Extras folder on the RAMSESV3 installation CD or you can contact FAO (eclo@fao.org)

² if you get a Security Warning, you must change the security setting in Excel (Tools Menu – Macro – Security and change from High to Medium)

³ if you get a Run-time Error “13”, you must change the date format on your PC (Control Panel – Regional and Language Options: customize – Date: short date format = dd/MM/yyyy; Time – format = HH:MM:SS)

QuickStart – downloading eLocust2 data sent by satellite / email

1. open your email application and look for email received from Novacom
2. open each novacom email and save the attachment (right mouse click) to c:\eLocust2 (give each attachment a unique name – e.g. novacom1, novacom2 ...)
3. decode the email attachments
 - a. open mailReader ⁴
 - b. select the Novacom attachments you want to decode (use shift to select more than one)
 - c. close mailReader file but do **not** save it
4. delete the Novacom attachments from c:\eLocust2

QuickStart – importing eLocust2 data into RAMSES

1. start RAMSES, go to Main Menu of database (click locust icon)
2. select **Import Data – Import eLocust**
3. indicate the file name from c:\eLocust2 and press **Import Now**
4. a message will appear indicating what was imported
5. select **View eLocust import log** and go to the bottom of the list to see the details of the import – note any errors or rejected messages
6. go to Locust Observations to see the new records that you have imported

QuickStart – visualize eLocust2 data on the Internet

To visualize the data in a table or on forms:

1. Go to <http://platform.novacom-services.com/novaserv/servlet/novaserv>
2. user = [3 letter country code], pwd = locust
3. in right window, you will see a list of data. Click on the Date/Time of the data item and you will see details in a separate window
4. click on Display to change the order of the columns

To download data:

1. click on Analysis - Data
2. drag the mouse over one of the tabs (Assets or Time Period)
3. click on Download CSV

With Google Earth:

1. Install Google Earth on your computer.
2. Click on the menu *Analysis > Data*, then choose the assets and the time period you want to display on the map (dragging the mouse over the *Asset* tab and the *Time period* tab), then click on *OK*.

⁴ mailReader and diffusion.dtd must be in the same folder as the attachments (c:\eLocust2)

3. Click on *Download (Google Earth)* – this will download a KML file that automatically should start Google Earth.

With the Novacom platform:

1. Click on the menu *Consultation > Mapping*.
2. At the start-up, the map zooms out to display the last position of all the assets from a single country. Unfortunately, it is not possible to have an overview of all the assets from the different countries at the same time, as these assets have been separated per *Client*.