

COUNTER IMPROVISED EXPLOSIVE DEVICE  
ADD-ON FOR ANALYST NOTEBOOK i2

BASIC USER'S HANDBOOK



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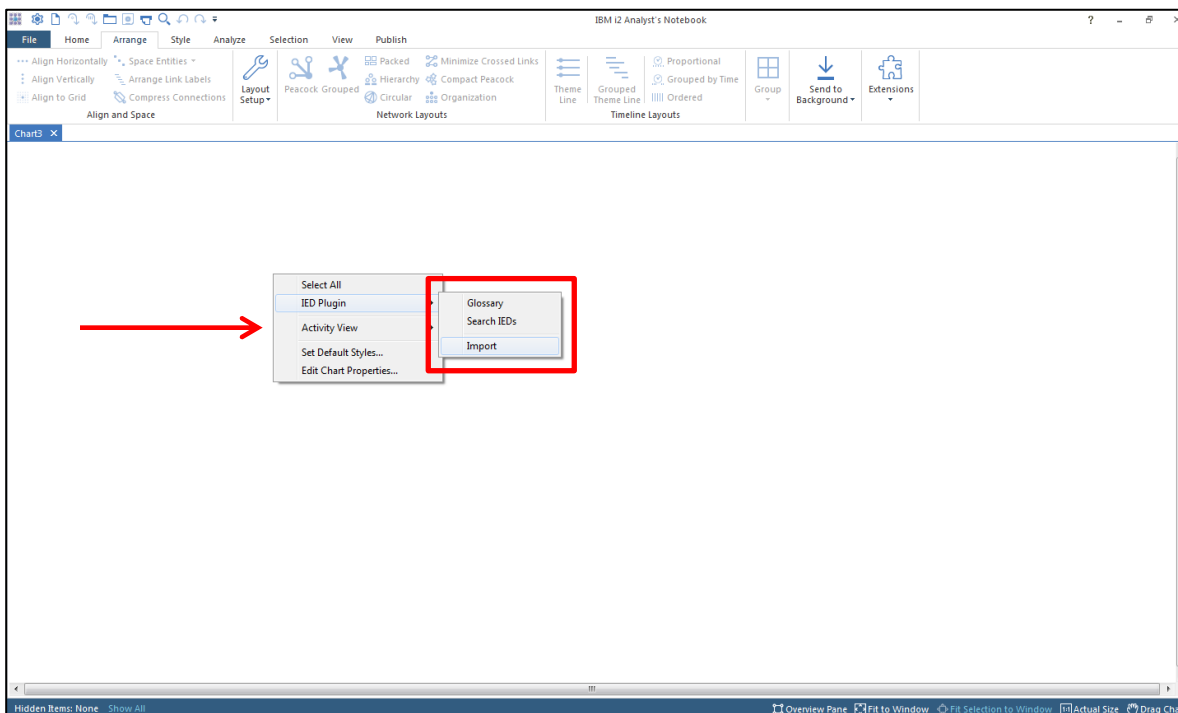
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The ANB C-IED ADD-ON is a plug-in which is embedded into the analysis software i2 Analyst Notebook (ANB), a tool developed by IBM for collecting disparate information of different external sources, allowing to the user to organize the data in a meaningful way and making it viewable in form of charts. It adds additional features to the IBM analysis notebook i2 solution when characterizing and classifying IED related events and therefore promoting a common IED exploitation lexicon among national and multinational communities addressing this improvised threat.

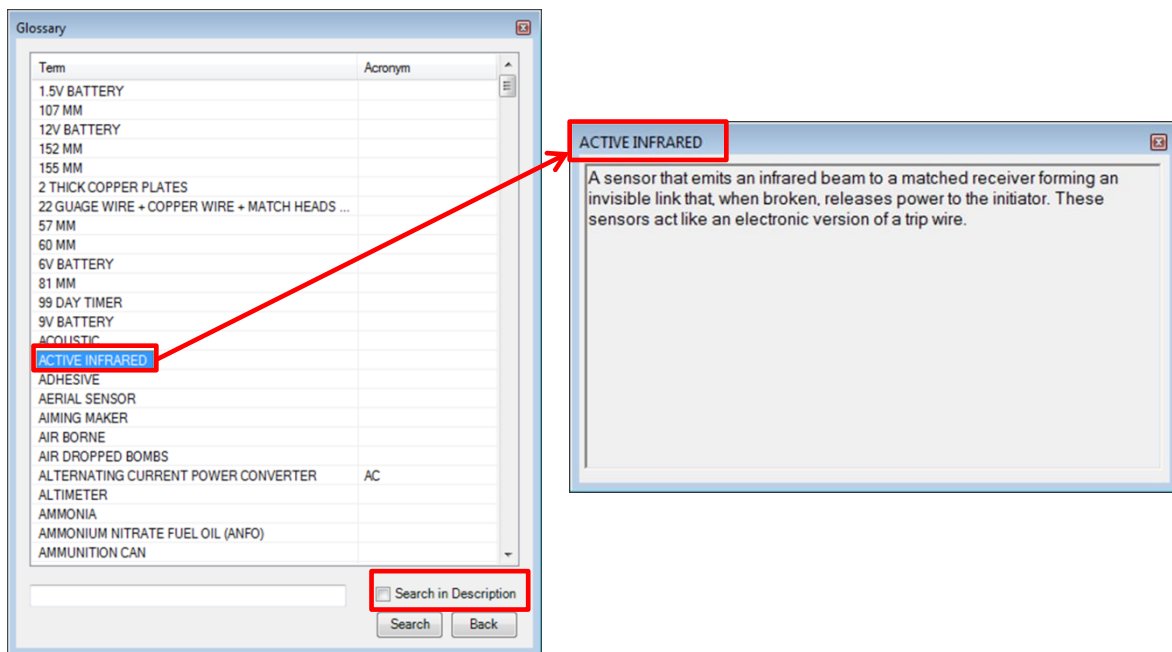
The ANB C-IED ADD-ON is a freeware that needs to be installed under a current already licensed ANB framework following the instructions given in the “How to Install ADD-ON” document delivered along.

ANB C-IED ADD-ON once installed can be run by clicking the right-button into the chart window, and holding the pointer on “IED Plugin” thus unfolding three (3) actions; **Glossary Search and Import (IED management)**.

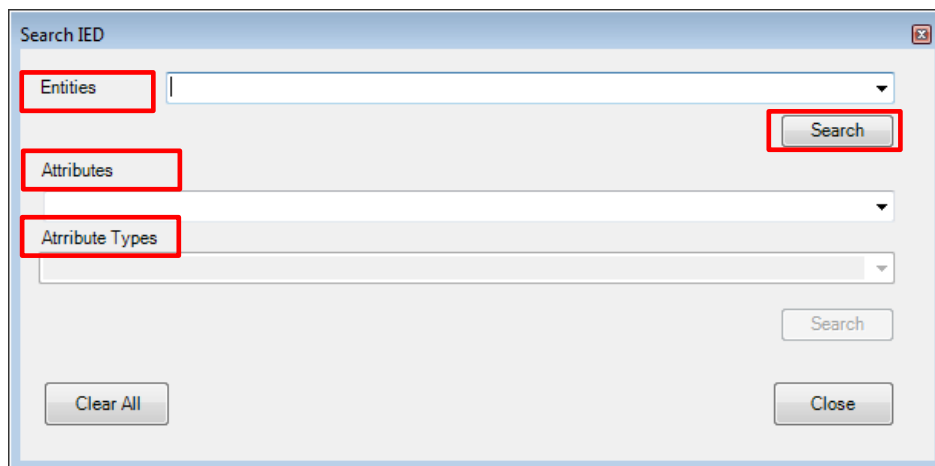


**Glossary**; Terms, Acronyms and definitions used by the ANB C-IED Add-On which encompasses most common spectrum of IED scenarios and devices, enabling the user to have knowledge on the keywords providing coherence when using by the Community of Interest (CoI).

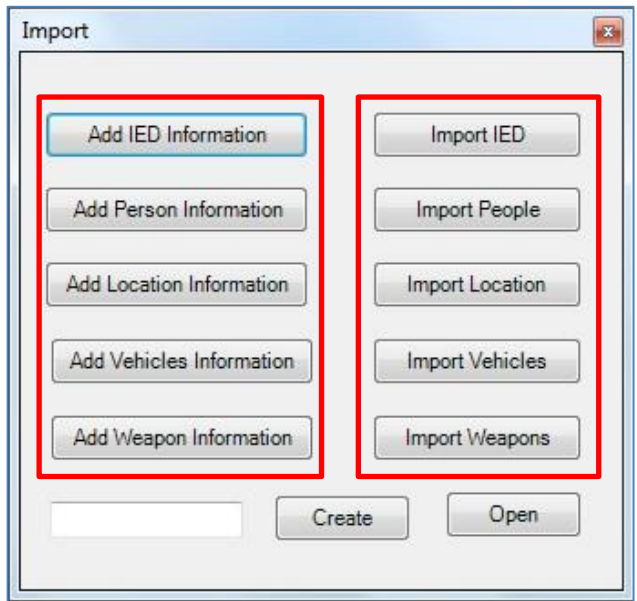
By clicking on the Glossary a new window will pop-up containing a list with all the terms, acronyms and definitions. Any term and definition can be searched typing the word into the bottom box and clicking on the search button, popping up a new window with the description associated. It allows searching words contained in the description section as well if “search in description” **check box** is activated.



**Search:** by clicking on Search a new window will pop-up allowing running searches over entities, attributes and attribute types highlighting the results on the chart once selected and clicked onto **Search** button located below. Noteworthy that attribute type is dependent of attribute and will appear **non-activated** until the latter have already been selected.

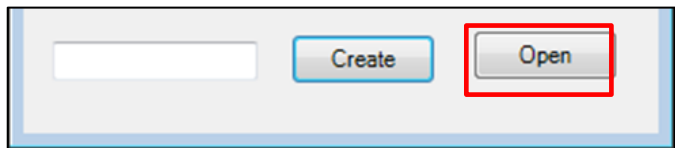


**Import (IED management)**; by clicking on the IED Edition a new window will pop-up with different features for managing IED events. “Add-on” works as a structured format making use of Microsoft excel-based template having two (2) main possibilities; create a new template or to open an already existing one.

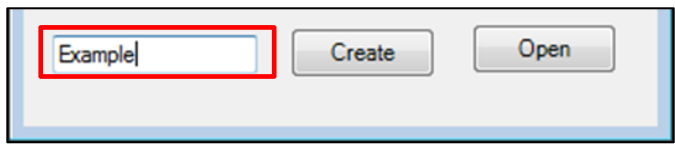


IED Import window enables the user to manage the IED events in two different ways;

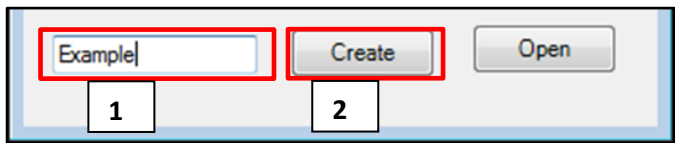
**1-Adding new elements** (data related to IED, technical and tactical details, People, Location, Vehicles and Weapons) associated to a specific IED event. In order to input data opening a document containing the information is needed beforehand. ANB C-IED Add-On works with a default template (depicting the broad spectrum of IED employment scenarios and most common used technical components) created by itself and under the ANB framework, and all the input data will be embedded directly into the file once saved.



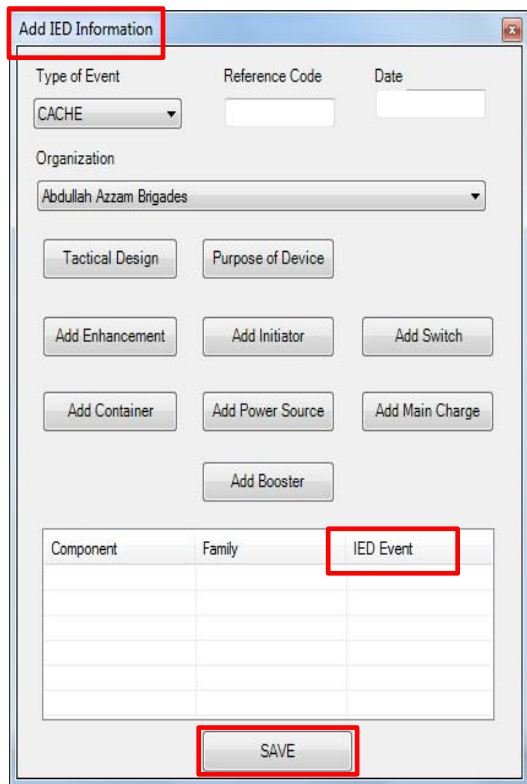
Once clicked on the **Open** button, a new window will pop-up where the file to be opened can be located by the user and finally will appear into the text box, ready to be managed with the document uploaded into the tool.



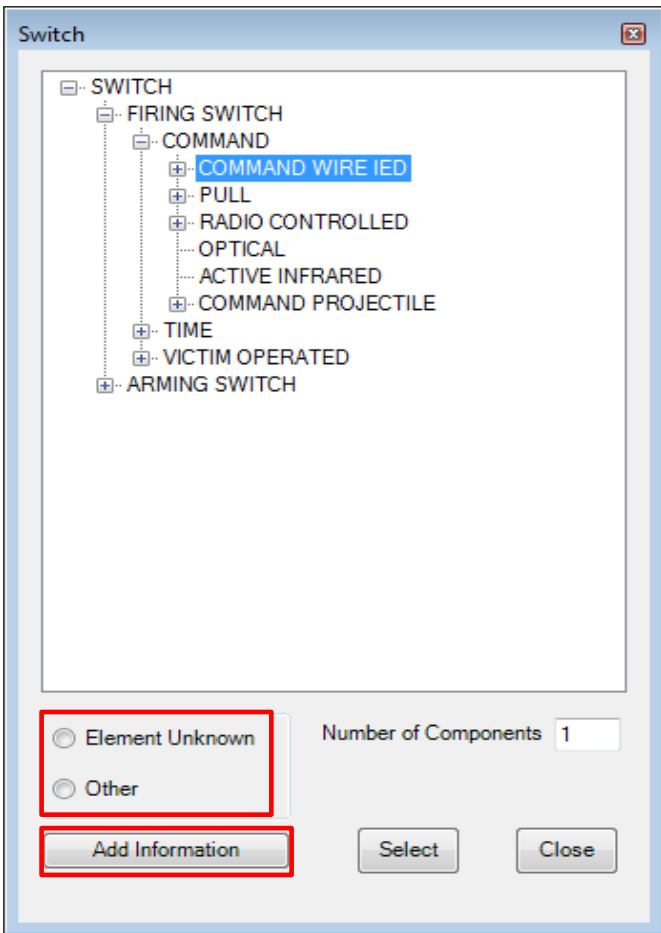
In case there is not an already existing template (.xlsx format) created previously, just using the ANB C-IED Add-On, a new one can be created by typing the name of the file into the text box (1) and clicking onto **create** button (2), select the destination of the file to be stored (make a new folder if it is considered so) and finally click on **Ok** button. Once created, close the active window and then proceed to open the file required using the file browser as explained above.



After having the file source opened, the add-on is ready for managing its adding capabilities arranged into five (5) different buttons.

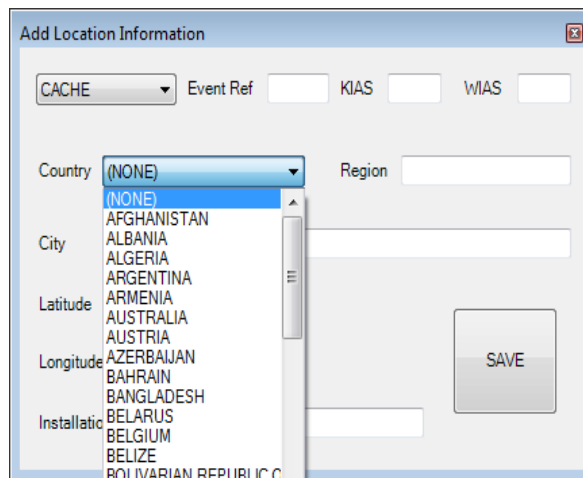
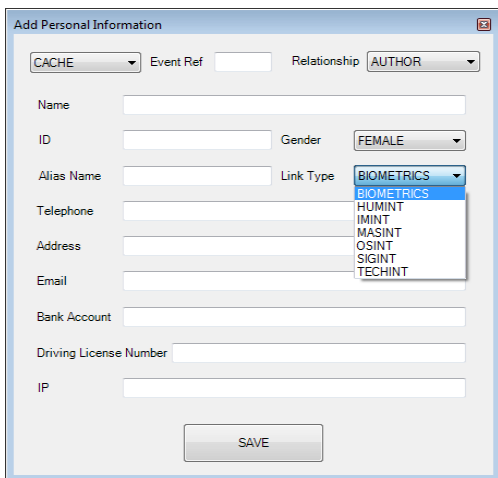


**Add IED Information** button drives the user through the most common critical components that comprises IEDs. Once filled the Reference Code (numeric and sequentially that represents every single IED incident)) and Date fields which are mandatory, please continue with the remaining data to be fulfilled. To doing so, click on each button to include those details desired and finally click on the **SAVE** button. The data regarding technical information will be uploaded into the default template, ready either to continue input or import data (drawing a chart). The new entities will appear into the central window showing information on which IED event are connected to. Every click on **SAVE** button will start the process for adding new elements to new IED events. Showing the respective number of reference in the **IED event** frame.

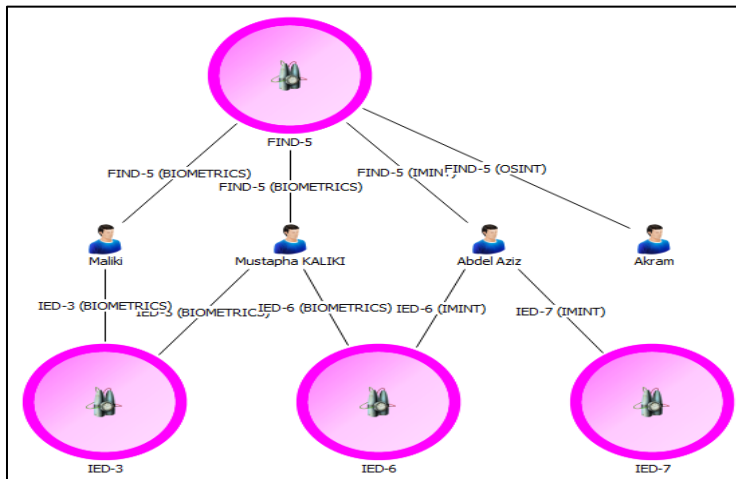
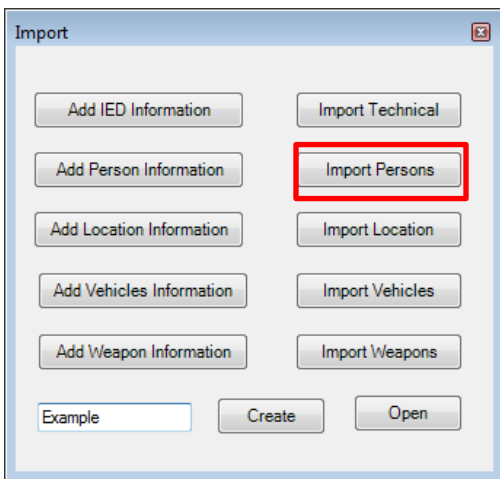
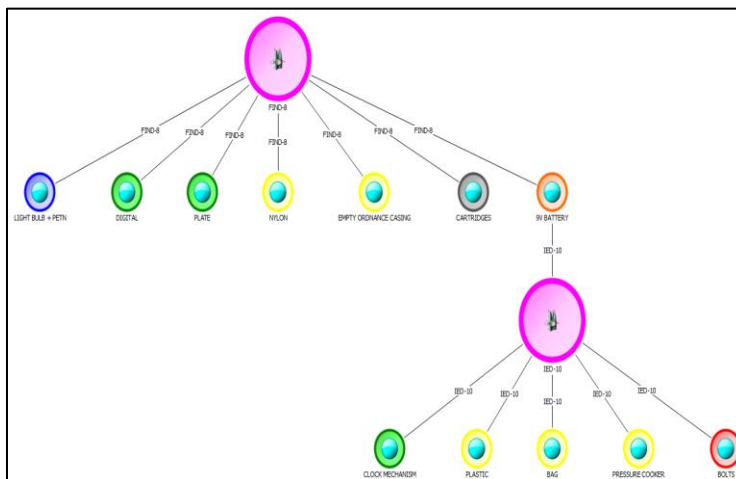
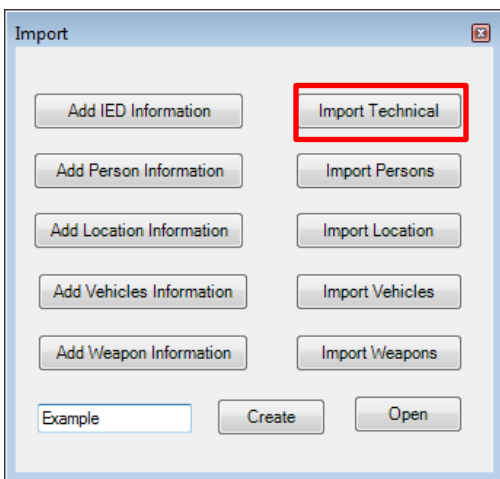


In order to facilitate the work to the user, when input “**TECHNICAL or TACTICAL INFORMATION**” the Add-On strictly follows a flow-chart drop-down menu where the details desired can be selected by clicking on them and then on the **Select** button. In case no elements found according to user’s needs, click on **Other** selection box and type the desired text into the emerged text box and then clicking onto **Select** button. In case there’s a non-defined or unknown element, click on **Element Unknown** and then onto the **Select** button. Automatically all elements assigned as **UNKNOWN** will be connected to each other under each family tree. There’s a chance to add extra information (not available on “**TACTICAL INFORMATION**” (manufacturer and model) by clicking onto **ADD INFORMATION** button.

For remaining management capabilities (People, Location, Vehicles and Weapons) there is not a flowchart available, just type into the respecting text boxes (examples below on personal and location information). It has to be considered that in order to avoid lack of run coherence, those fields not filled in should be texted as **UNKNOWN (or whatever considered to so)** until further information dictates the opposite thing.



**2-Importing data** from a template (.xlsx format) already containing IED information, enabling the user to draw automatically a chart using all data contained in the default template (**Technical, Person, Location, Vehicles, and Weapons**) by clicking on the respective buttons sequentially or user’s demand-based. Technical details are imported into a chart grouped as family, entity and semantic types to facilitate further analysis using the ANB tools.



COUNTER IMPROVISED EXPLOSIVE DEVICES CENTRE OF EXCELLENCE

