

# EVTRAM Reporter

## User guide

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# **1      INTRODUCTION**

## **1.1    General**

This document is one in a series of documents describing the EVTRAM computer program package. The final package includes the following parts:

- Computer Codes
  - a        EVTRAM – IAEA main tool.
  - b        EVTRAM Reporter – Reporting state's tool
  
- Documents
  - a        User Guide

The development of EVTRAM has been carried out by AMC Konsult AB with fundings from the IAEA and the Swedish Nuclear Power Inspectorate. EVTRAM is based on the content of IAEA-TECDOC-966.

EVTRAM and EVTRAM Reporter is written using CA-Visual Objects, which is a 32-bit fully object oriented language for Windows 95, 98, 2000 and NT and it contains a database handling system where the user can store data for different events and package types.

A special thank to Phil Eyre for valuable contribution.

## **2. THE EVTRAM Reporter Program**

### **2.1 Introduction to the Program**

EVTRAM is based on a series of databases containing information about events and connected package types. There is also a large amount of supporting databases.

### **2.2 Loading the Program**

EVTRAM is delivered on a CD-ROM or a set of diskettes or as a EXE-file if downloaded.

System requirements:

Windows 95/98, Windows NT or Windows 2000, 10 MB disk space.

To install the code from diskettes, enter the EVTRAM Reporter - Diskette 1 into the appropriate drive, for example diskette drive A, open Windows Explorer and doubleclick on:

#### **SETUP**

To install the code from a CD-ROM, enter the EVTRAM Reporter - CD-ROM into the appropriate disk drive, open Windows Explorer and doubleclick on:

#### **SETUP**

To install the code from a downloaded EXE-file, doubleclick on the EVREPORT.exe and unzip into a temporary folder. Open the Windows Explorer move to the temporary folder and doubleclick on:

#### **SETUP**

The installation of the EVTRAM Reporter will start.

The installation program will ask for the directory where the package should be installed. The program can be installed on any drive and in any directory.

### **2.3 Starting the Program**

Click on the icon EVREPORT under the program group: AMC Applications

The Opening Dialogue is displayed, press OK to continue.

The Main Menu is then displayed.

The Main Menu contains the following choices:

Events - (see Chapter 2.5)

System - (see Chapter 2.6)

Window - windows handling

Help - On-line help

## 2.4 General Functions

The system is menu driven. Select a menu item and click.

All data windows is scalable and responds to the options Cascade and Tile. At the top of a data window there is a set of buttons, these corresponds to the functions available under the Menu item - Edit. Functions not available is “greyed” out.

The functions are the following.

New	Add a new record
Edit	Edit the highlighted record
Delete	Delete the highlighted record
Print	Print the highlighted record
View Package	View the connected package
Sort	Change the sorting i the window
Filter	Search the Event database
Find	Find a specific record
Copy Event	Copy the event to an IAEA input file
Cut	Cut to clipboard
Copy	Copy to clipboard
Paste	Paste from clipboard
Go Top	Go to the top of the table
Previous	Go to the previous record
Next	Go to the next record
Go Bottom	Go to the end of the table

When a window is opened for “Editing”, i.e. New, Edit or Copy, an explanation of each field is available at the left bottom side of the EVTRAM window. This explanation is showed when the input marker is directed to the input part of a field. It will disappear after a few seconds, to view the information again, click on another field and then on the same field again.

To save changes, press **OK**, otherwise press **Cancel**.

## 2.5 Events

The basis of the EVTRAM is the content of the databases Events, Packages and Memo. These databases are connected by the text in Field EV1010. This text is displayed at the bottom of every Edit screen.

The content of EV1010 is the IAEA File number, this file number is a combination of the reporting state’s ICAO code and the reporting state’s file number. The IAEA File number is created automatically by the program and must be unique.

Select "Events" in the Main Action Menu to get the Events Menu.

The options are:

New Event	Report an Event
Browse Events	View and Edit Events etc.
Copy an Event	Copy an Event to an IAEA file
Load Event	Load an Event from an IAEA file
Print Event	Print a Complete Event

### **2.5.1 New Event**

A new Event can be entered by the user.

Input the appropriate data in the fields. The program will alert the user if the form is not completed.

Pressing “OK” will store the data and a new set of window/windows will be opened. These windows are for the connected packages. The number of windows is equal to the value of the parameter EV1150, “Number of Package Types involved”.

### **2.5.2 Browse Event**

All handling and viewing of events and their connected packages is done from this screen by using the buttons at the top or the options under “Edit” in the Main Menu.

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#### **2.5.2.2 Edit Event**

An Event can be edited by the user.

The available buttons have the same function as in the Browse Event window, see those for further details.

Input the appropriate data in the fields. The program will alert the user if the form is not completed.

Pressing “OK” will store the Data.

#### **2.5.2.3 Delete Event**

If this button is pressed, the program will ask for confirmation. If the answer is “YES” the record and all associated packages and comments will be deleted.

#### **2.5.2.4 Print**

This function makes it possible to print the selected record.

Only the “Event Report” will be printed.

To print the entire report, select “Print Event” in the Main Menu.

A box will be shown displaying the Report Destination. The options are:

Screen	Will display printout on the screen, printing is possible from the screen
Printer	Direct to system printer
Export	Possibility to export the data to other programs, Web etc.

Select the appropriate. For questions about Export check under Export in the Report help file.

#### **2.5.2.5 View Packages**

This function displays the connected packages. If there are only one package, this will be shown in “edit” mode. If there are more than one, the packages will be shown in “browse” mode.

All buttons in these windows will work exactly as for the Event windows.

#### **2.5.2.6 Sort**

It is possible to choose between sorting by country or sorting by date of the event.

To switch between these, select the appropriate sorting in the “Event Sorting Order” window.

#### **2.5.2.7 Filter**

It is possible to “filter out” a part of the Event list. By pressing the “filter” button, the “Event filtering screen” is displayed.

Fill in one or several of the fields to find the appropriate data. After pressing OK, only the events that fulfil the filtering criteria is displayed. If the screen is empty, there are no events that fulfil the specified criteria.

To reset the screen and show all records again, press “Reset”.

#### **2.5.2.8 Find**

The button “Find” is used to go directly to a specific event.

Enter the exact name of the event to go directly there. If only part of the name is filled out, the program will stop at the first occurrence of the entered letters.

#### **2.5.2.9 Copy Event to an IAEA file**

This option is used to create a textfile that can be reported to IAEA or send to other interested parties.

Select an event and press the button. The program will propose a name for the text file and will store it in the “default input/output” directory if it is not directed somewhere else.

This file can be sent to the IAEA as an attachment in an E-mail or in other electronic form. The file can also be used to send the information to another user with the “EVTRAM Reporter”.

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## 2.7 Load Event

The "Load Event" function permits the user to load a text file with an event reported with EVTRAM.

Select the file to load. The event will be displayed in an Edit screen showing the event data. To view the connected packages, click on View Package.

The displayed event and packages is displayed from a temporary database, to save the event click on OK. The program will perform a quality check.

**Observe !!!** If the event is already stored in the database, the loading will be aborted.

## 2.8 Print Event

This option is used to print an Event and all connected packages in one printout.

Select the Event that should be printed and press the Print button. The program will combine the selected event and the connected packages in the same printout.

A box will be shown displaying the Report Destination. The options are:

Screen	Will display printout on the screen, printing is possible from the screen
Printer	Direct to system printer
Export	Possibility to export the data to other programs, Web etc.

Select the appropriate. For questions about Export check under Export in the Report help file.

## 2.9 System

The menu "System" contains tools for handling Back-ups of events and packages, re-indexing the databases and a tool for selecting the "Default Input/Output directory". It also contains tools for handling access to the program.

### 2.9.1 **Backup Files**

Backup data is used to keep safety backups of the data of the system.

- To make a backup, select **Backup** and make your backup on a diskette or save it as a file on the hard disk.

### 2.9.2 **Restore Files**

To restore previously saved data on a backup, select **Restore**,

- Install your previously saved file from the diskette or from your hard disk.

### 2.9.3 **Re-index All Files**

If the databases behave in an unexpected way or if a lot of data have been deleted, it is a good idea to run the reindex option. This will reindex and pack all database and index all files. When deleting data within the system the data are only marked "deleted" in the database files, packing moves data forward to use the disk space the "deleted" files occupy.

A hourglass will be shown during this process.

#### **2.9.4 Set Default Input/Output directory**

The input and output files will automatically be directed to the “Default Input/Output directory”. The directory can always be changed to any directory at the time of saving.

To set or change the default directory, select this menu option. Click on the desired default directory and press “OK”.

“Cancel” will not change anything.

The default directory set at installation is the same as the directory chosen for EVTRAM.

### **3. THE EVTRAM, TECHNICAL DESCRIPTION AND PROGRAMMER'S MANUAL**

This chapter contains a description of the basic structure of the EVTRAM handler.

#### **3.1 Basic Structure**

The program is written in CA Visual Objects and is only run able under Windows 95/98, Windows NT or Windows 2000. The databases are of XBASE type. All executable files, database files and system files are contained in the chosen installation directory.

The databases can be directly accessed using the CLIPPER DBU utility. Changing data directly is not, however, recommended. Failure to correctly handle changes may destroy the data in the database files. The EVTRAM Reporter is designed to adjust and handle all data from within the system.

#### **3.2 Registry**

The Windows registry is used to keep track of the installation directory and the Default I/O directory.

**Observe !!!** The registry of the installation directory is only updated the first time the program is ran after installation. **If the files in the original installation directory is changed, the registry must be updated manually.**

To do this: Press the Windows Start button and select Run... Select the C:\Windows\Regedit.exe program and press "OK". The key to change is found under:

```
HKEY_CURRENT_USER\Software\ComputerAssociates\CA-Visual Objects Applications\  
EVREPORT\Directories
```

Double click on the key "EXEdirectory" or the key "DBFdirectory" and enter the new correct path.

#### **3.3 Uninstallation**

To uninstall the EVTRAM Reporter program, Select "My Computer" - "Control Panel" - "Add/Remove Programs". Mark EVREPORT, and press the "add/Remove" button. Select EVREPORT and press OK.

**OBSERVE!!!** The registry keys are not removed, if the program is installed again in another directory the registry must be changed manually. (See Chapter 3.2)

#### **3.4 Version number**

The version number can be found under Menu item: Help, option: About.

#### **3.5 Bugs**

If a "bug" is detected that make's the system to crash, a window will be shown, we recommend that the program should be aborted, and that a re-index is made at next start-up.

Report the bug to AMC Konsult AB, by E-mail: [cj@amckonsult.se](mailto:cj@amckonsult.se) . Describe the error and attach the file Voerror.log. This file will give a detailed description of the point of failure.

#### **4. IF THERE ARE PROBLEMS.**

##### **4.1 The program stops, showing an ERROR.**

There may be an error in the program or something else, The file Voerror.log in the EVTRAM directory will save the error. Please send the file to AMC Konsult AB.

##### **4.2 The program stops, showing OPEN ERROR.**

IF the program stops, showing OPEN ERROR, subsystem DBServer, the following causes apply. The database called for is either in use and locked by another user OR the attribute of the database file is marked Read Only. Check the attribute of the database file in Explorer by selecting the file and right-click on properties. If the properties is marked "R" this can be changed here.

##### **4.3 The program can NOT make a BACKUP.**

The program uses ARJ for packing the backup file. ARJ can **only** handle 8 characters before the dot, or in the path. If there are more than 8 characters in the path or in the name. Change this.