



# **EYEWITNESS FORENSIC – ICQ CHAT MESSAGES REPORT**

## **Manual**

Version 2.0

# EYEWITNESS FORENSIC – ICQ CHAT MESSAGES REPORT Manual

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## **1 Introducing**

In forensic examinations of hard disks, cell phones and any other digital media, the examiner will get more and more problems with the increasing amount of data. Chat histories must be shown, examined and printed for court use. For examination of ICQ Chat History this software will be the one, who is able to scan chat history and make a pdf or csv file from it.

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## 2 Installation

Start Setup File for Installation.

The Setup will guide you through the setup routine. While Installation you can see Update Changes in Info Window.

After Installation you can run the program.



Please note that an actual .NET Framework Package (Version 3.5) from Microsoft is necessary to run ICQ Chat Messages Report!

## 3 Start ICQ Chat Messages Report

By clicking the ICQ Chat Messages Report Icon on desktop you can start the application.

At first startup the application copies the necessary configuration and template files into the user application directory of the current user. So you can use the application without administration rights and a separate registration for any logged in user is possible.



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## 4.2 ICQ Database File

Choose your ICQ Chat Database File with Button [Select ICQ messages database file] for examination. You can only open the database if ICQ is closed down!

For ICQ 6.x the database file „messages.mdb“, for ICQ 6.5 Lite and ICQ 7.x the database file „messages.qdb“ is located in user application dir

The next info dialog shows up the amount of users found.



## 4.3 Report Section

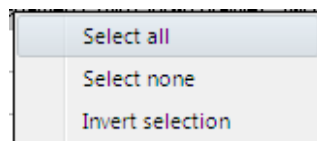
Case / Evidence Description i.e. Number are two text fields for Report Information which will be listed in the report header with the report date and examiner. Here you can put your case file number and the evidence number too. It is necessary to write in these fields, because report generation does only start with entries in these fields!

## 4.4 Select ICQ Chat User

Select examination user in Drop Down Dialog left side, after this the chat history will be shown in the list down. Select with left mouse click for the rows you wish to report.

The Data Column is signed with a @ for better explanation if a file transfer was done.

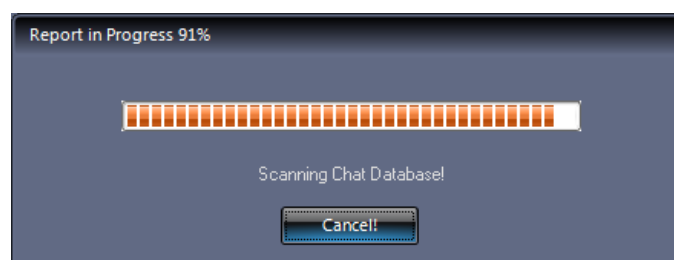
The right mouse opens a context menu for selecting, deselecting or inverting chat rows:



The Button [Show Online User Info!] shows up a browser window with ICQ online user infos.

## 4.5 Single Report generation

Press [Generate PDF Report!] and the whole report generation will be started. A progress window shows the current progress of scanning.



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After scanning the show report window will open and show up the report. To show the report there are some time to and the application does not response. Be patience and wait this moment.

The Show report window can be shown by pressing the button [Show PDF Report!].

With [Export CSV Report!] you can save the selected rows as CSV file. So you be able to edit it with MS Excel once again. For best results don't open file directly. Just open Excel and then open file in Excel with ; as record mark and " as text mark.

### **4.6 Für alle Chatpartner Reports generieren**

With the Button [Export all contacts to PDF!] you will be able to export all chats into separate pdf reports in one output dir.

With the Button [Export all contacts to CSV!] you will be able to export all chats into separate csv reports in one output dir.

In each report all rows for every chat contact will be extracted.

This is helpfull for working with mass data.

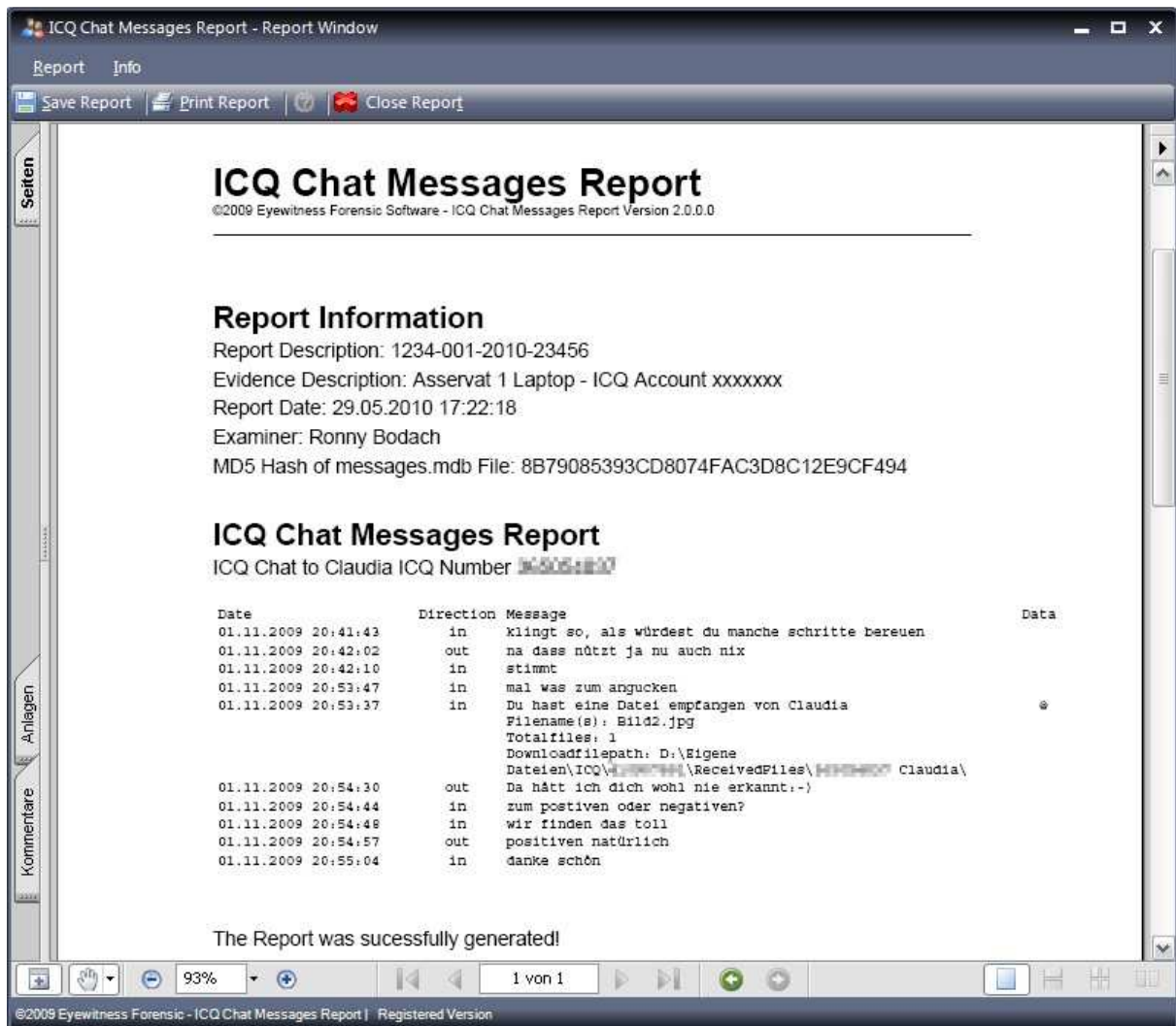
### **4.7 Quit ICQ Chat Messages Report**

[Quit] closes the application.

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## 5 Showing Reports

Here you will be able to see, print or save the report, which is done by scanning.



### 5.1 Saving Reports

With [Save PDF Report] or menu Report [Save Report] you can save the report as standard PDF file (\*.pdf). So you can show it in Acrobat™ Reader once again.

### 5.2 Printing Reports

With the button [Print Report] or menu Report [Print Report] the report can be printed. Into the printer dialog you will be able to set the printer, like any others in Microsoft Windows.

### 5.3 Editing Reports

It is not possible to edit Reports.

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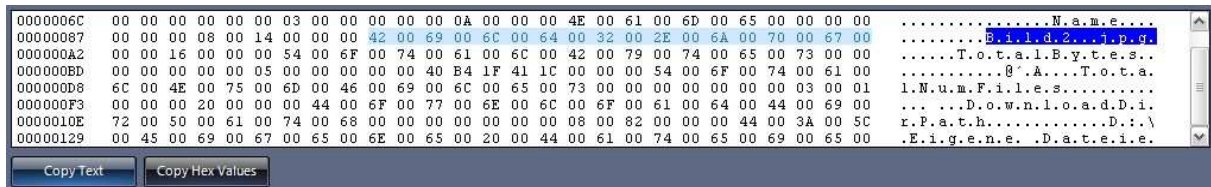
### **5.4 Quit Report Window**

[Close Report] or Menu Report [Close Report] closes the report window.

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## 6 Hex Viewer

ICQ saves all incoming and outgoing messages as binary data into a database field. The entries in this database field will be shown in Hex Viewer.



You can copy the binary data as hex or text values.

It is possible that some invisible chars or strings will be visible in this binary data. Maybe some inline images, HTML or PHP code or URLs.



ICQ shows up the HTML/PHP messages as normal HTML in ICQ internal. So it is possible to infiltrate a victims computer with code in IM messages, and also in first contact messages!

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## 7 Command line mode

Forensic Video Report are able to receive command from MS-Dos command line. Example of a call:

```
C:\>"ICQ Chat Messages Report.exe" "Drive\Path\messages.mdb" or "messages.qdb"
```



So you can use the application within other forensic tools. In example for ILook or X-Ways as ICQ Chat Viewer.

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**8 Support**

**8.1 Contact Information**

If you encounter any errors or problems write to support email:

**Ronny.Bodach@tatortgruppe.de**

or look at the FAQ's at our website:

**[www.tatortgruppe.de](http://www.tatortgruppe.de)**

We will help as soon as possible.

If you will report an error, please send the error.log file within the email to us. This file you will find in user application directory.

Best success at your evidential work!

Yours

Ronny Bodach

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ICQ Chat Messages Report uses Krypton Toolkit® for Skinning Application.

ICQ Chat Messages Report uses MS ADODB Jet database support for ICQ 6.x and ADO.NET 2.0/3.5 SQLite Data Provider using SQLite 3.x written by Robert Simpson for ICQ 7.x support.

Report Generation is well done by report.NET, which is licensed under GNU LGPL.

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