

SCREEN[®]

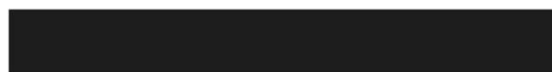
**SCREEN
READER**

**Rapid
Test Reader**

USER MANUAL

REF: SC-1194-01

SCREEN[®]



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- 1) For the first installation, you can contact assistance at +39 388 1780178 (Monday to Friday, 09:30 - 13:30, 15:00 - 19:00).
- 2) It is possible to install the software from the pen drive, if present in the package, or from our website.
- 3) After installation, perform the calibration following the instructions that will appear on the screen.
- 4) Place the ScreenBox reader vertically to read all cassette and immersion tests.
- 5) Place the ScreenBox reader horizontally for reading the tests in the cup version. In this case the test cup must be positioned by pushing it against the plastic stop to position it correctly.
- 6) Choose the acquisition device and then the Type of test.
- 7) Enter the Operator and Subject data, then click the End of Incubation Test Reading button.



Welcome to the User guide of the **Screen Reader** system. The Screen Reader software and the **Screen Box** reader have been **designed and developed by Screen Italia for reading the tests in 30 seconds**. The Screen Reader Software works for the objective reading and printing of the results of the following tests: Urine Drug Test Immersion version, Well, Cup / Shot glass, Saliva Drug Test, Alcohol Disposable Urine Test ETG, Tetanus Test, Tuberculosis Test, Syphilis Test, Streptococcus Test, PCT Test, Mycoplasma Test, H. Pylori Test, Fob Test, PCR Test, Calprotectin Test, Hcg Test, etc.



ScreenReader

ScreenReader

ScreenItalia[®]
Test per la salute

END OF INCUBATION TEST READING

Acquisition device
ScreenBox L

OPERATOR
Operator: Screen Italia Location: Perugia

INDIVIDUALS
Predefined fields Custom fields

Individual: Company: Position:
Identity Card N°: Birth date: ID Code:

TEST
Batch n.: Test Type:

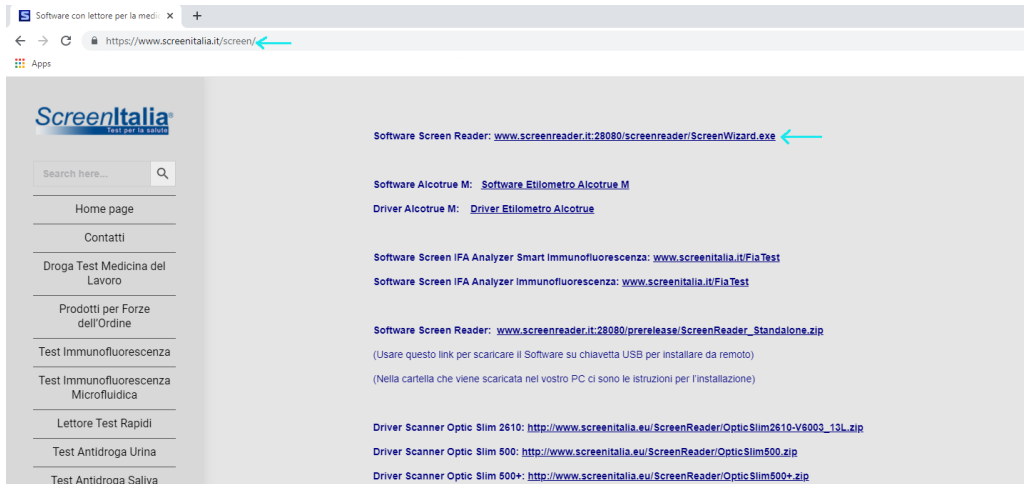
REPORTS ANAGRAPHIC SETTING INFO

Test Image Preview

1.0 - Installation and registration of the ScreenReader; ScreenBox calibration

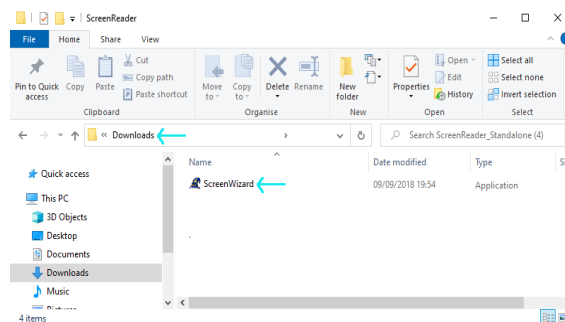
It is possible to install the ScreenReader software directly from the pen drive, if present in the package, or by downloading it from our website at

- Download the executable file ScreenWizard.exe from the following link:
- www.screenreader.it:28080/screenreader/ScreenWizard.exe (Img 1),



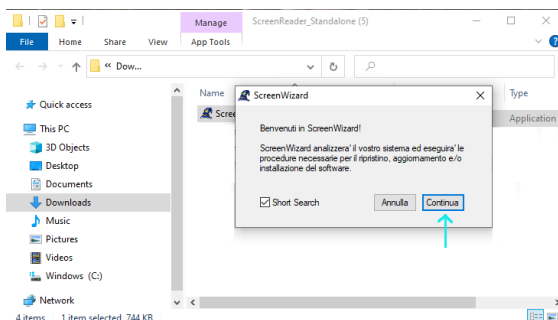
Img 1

- double-click the ScreenWizard.exe file to start the installation procedure (Img 2),

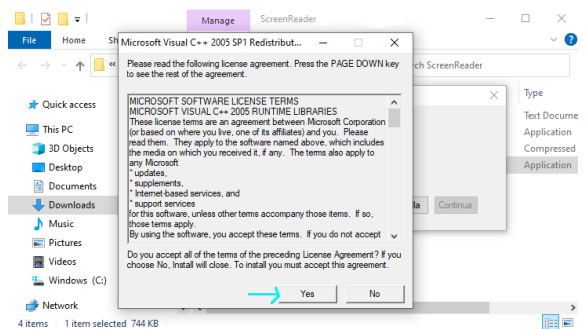


Img 2


- follow the subsequent instructions provided by the software, always answering in the affirmative (Img 3., Img 4),

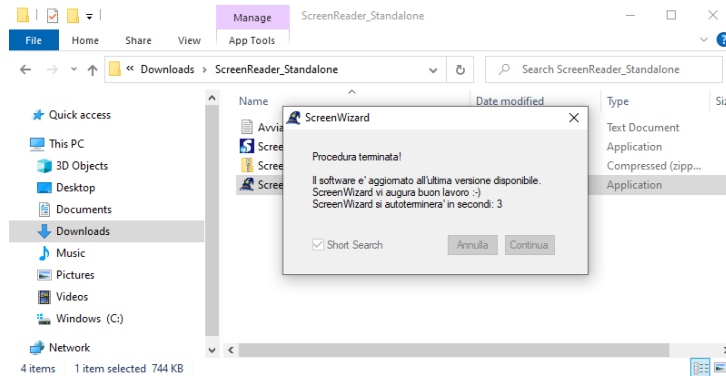


Img 3



Img 4

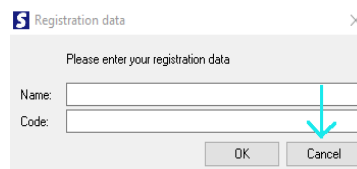
- the procedure comes to the end (Img 5) and the icon  appears on the PC screen.



Img 5

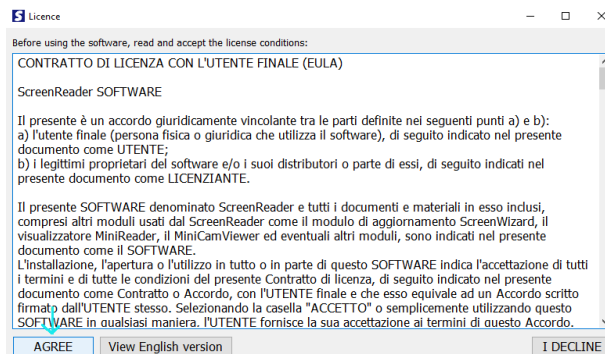
To start the software, simply click the icon twice.

At the first start, a window asks for the registration information: click the Cancel button, because at this stage this information is not yet available (Img 6).



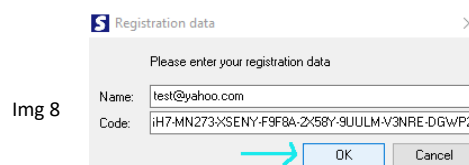
Img 6

Then the END USER LICENSE AGREEMENT opens, which must be accepted if you want to use the software (Img 7), and which can be viewed at any time through the INFO menu (see section 3.4).



Img 7

In the following window, enter the email in the dedicated field, then click Register online and wait for the successful registration message. The software registration request is processed by the system and the information thus generated is sent by email to the address used for registration. At the next start of the software, the registration information received must be entered in the initial form (Img 8) according to the instructions contained in the email itself; to complete the registration procedure click OK.

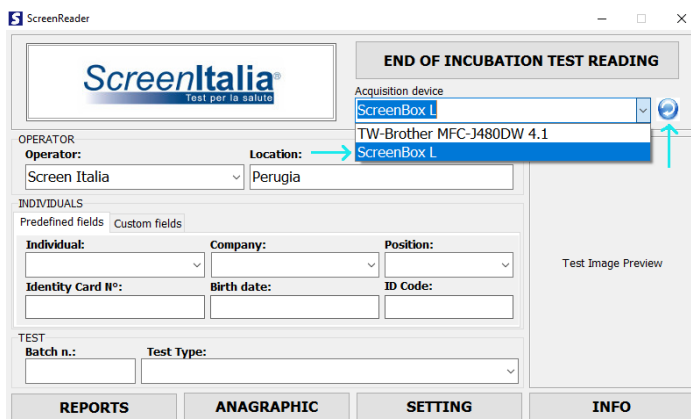


Img 8

Registration is valid for 1 year; seven days before the annual expiry, the software will provide a “reminder” message with the contacts to be used to obtain a new license, always annual, and free, as well as software updates.

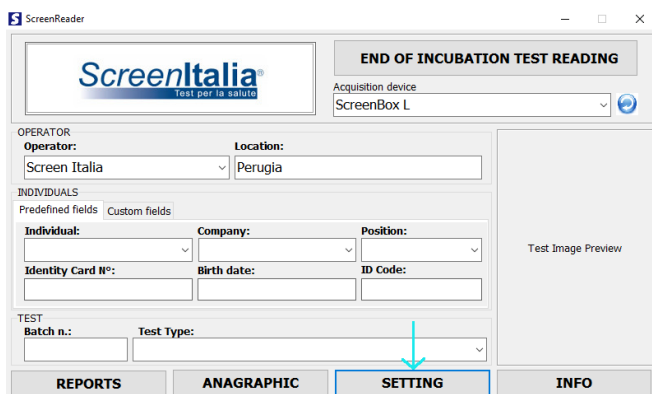
Once the installation is complete, it is necessary to calibrate the ScreenBox reader:

- start the software and use the refresh button (the small white arrow in the blue circle), which identifies all the peripherals connected to the computer; from the drop-down menu of Acquisition device choose ScreenBoxL (Img 9),

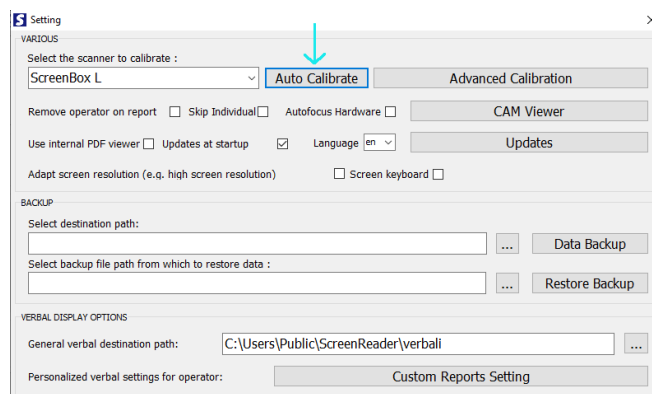


Img 9

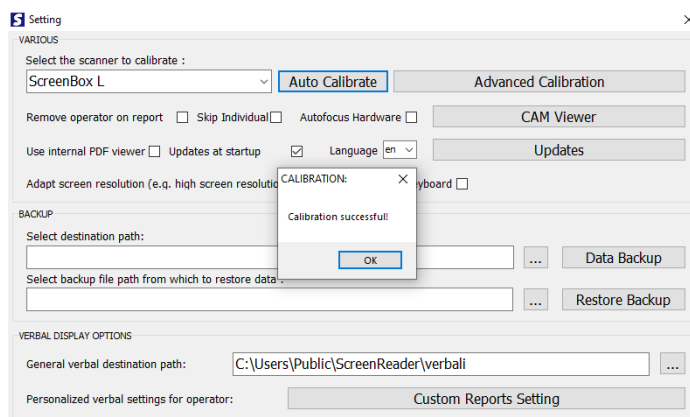
- access the SETTING menu (Img 10), then click AUTO CALIBRATE (Img 11) and wait for the completion of the calibration procedure (Img 12).



Img 10



Img 11



Img 12

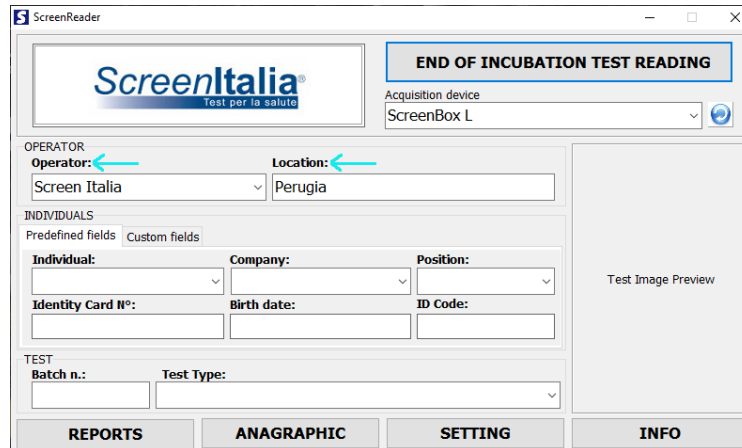
After successful calibration, the system is ready for use: it will not be necessary to recalibrate the ScreenBox for subsequent uses.

ATTENTION!! If two or more ScreenBoxes are used with one or more computers, it will be necessary to calibrate each time each reader that is connected to each PC: this is because the calibration operation is used to make each computer recognize the specific parameters of the individual box.

2.0 - Data entry and test reading

Once the acquisition device (the ScreenBox reader) has been selected, the next step is entering the data necessary for the operation of the software organized in 3 areas: OPERATOR, INDIVIDUALS, TEST. All data entered in these fields are automatically stored by the software.

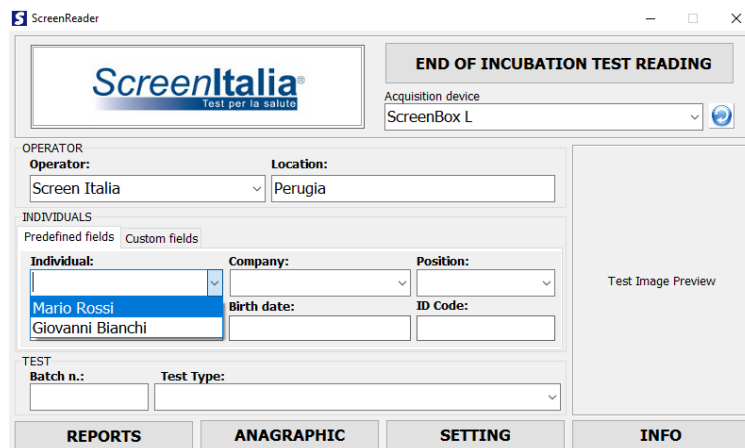
OPERATOR: the name of the person competent to carry out the tests must be entered in the Operator text box; for the software to work only this data is mandatory, while the Location field can be left blank or optionally filled in (also in relation to the place where the tests are carried out) (Img 13).



The screenshot shows the 'ScreenReader' application window. At the top left is the 'ScreenItalia' logo with the tagline 'Test per la salute'. To the right is a button labeled 'END OF INCUBATION TEST READING'. Below this is a dropdown menu for 'Acquisition device' set to 'ScreenBox L'. The 'OPERATOR' section contains two dropdown menus: 'Operator' (set to 'Screen Italia') and 'Location' (set to 'Perugia'). The 'INDIVIDUALS' section has a 'Predefined fields' tab selected, showing a grid of dropdown menus for 'Individual:', 'Company:', 'Position:', 'Identity Card N°:', 'Birth date:', and 'ID Code:'. The 'TEST' section has 'Batch n.' and 'Test Type:' dropdown menus. At the bottom are four buttons: 'REPORTS', 'ANAGRAPHIC', 'SETTING', and 'INFO'. A 'Test Image Preview' area is on the right side.

Img 13

All the individuals he tests remain connected to the operator, selectable from the Individual drop-down menu (e.g. for subsequent tests) (Img 14).



This screenshot is similar to the previous one, but the 'Individual:' dropdown menu in the 'INDIVIDUALS' section is open, showing a list of names: 'Mario Rossi' and 'Giovanni Bianchi'. The 'Company:', 'Position:', 'Birth date:', and 'ID Code:' fields remain empty.

Img 14

INDIVIDUALS: in this section the data relating to the individuals who are subjected to the tests must be entered; for the software to work it is necessary to fill in the Individual field only, while all the other fields can be filled in freely and optionally. All the data entered for a individual remain stored for the same also for subsequent readings.

From the Predefined fields tab it is possible to insert for each subject (Img 15):

- the company for which he works;
- the qualification he holds;

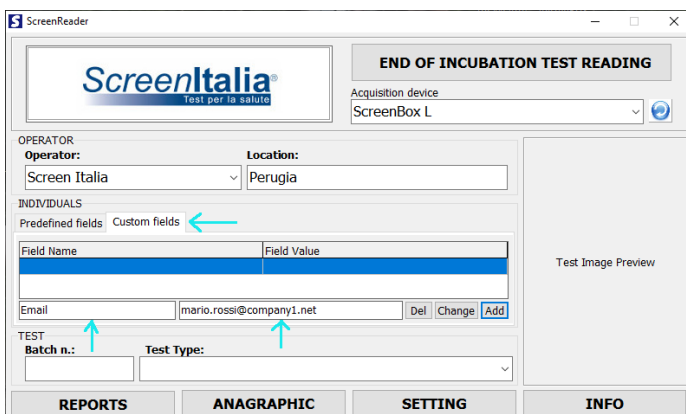
- the number of the identity document: this data represents a UNIQUE element of identification of the individual in case of homonymy;
- the date of birth;
- an ID code: this is an element used ONLY by some activities that internally identify their employees with a precise identification code that must also be reported when reading the tests.



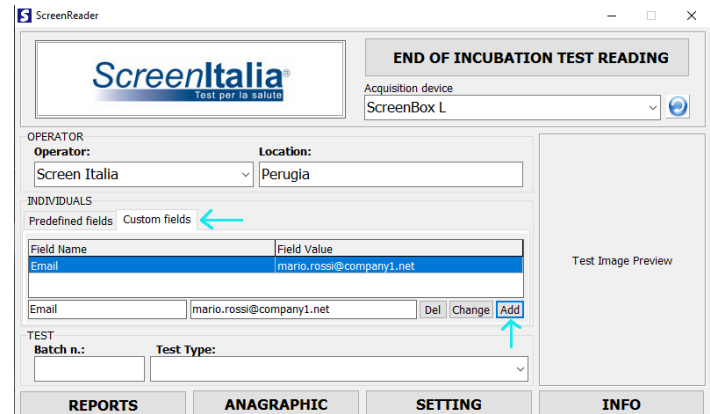
Img 15

Through the Custom fields tab it is possible to add, for the subjects already entered, further data such as, for example: email address, telephone number, tax code, etc... .

- Select the Custom fields tab, then fill in the text boxes relating to Field Name and Field Value with the data of interest (Img 16), click Add and the fields will be automatically filled in (Img 17);

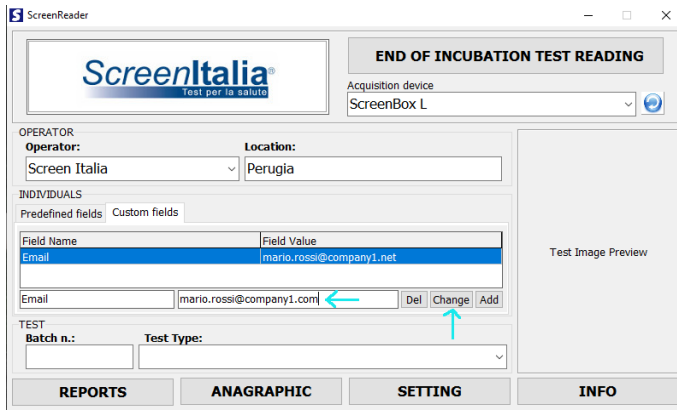


Img 16

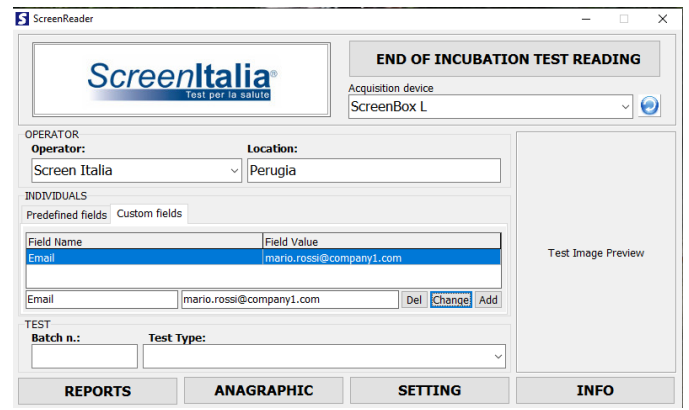


Img 17

- if it is necessary to correct an error, go to the data concerned, correct it, then click Change (Img 18) and the correction will be made automatically (Img 19);

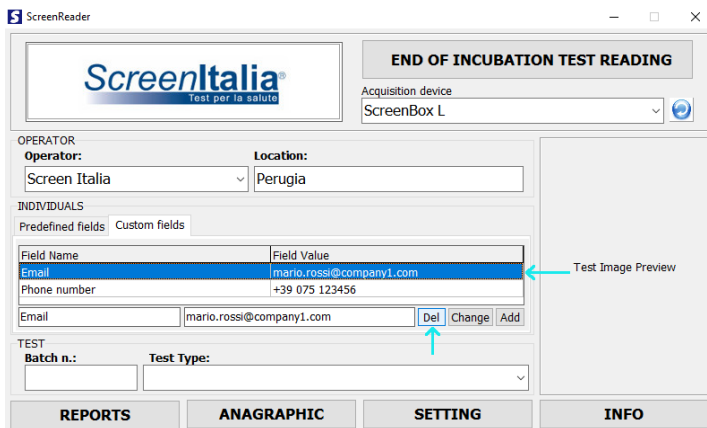


Img 18

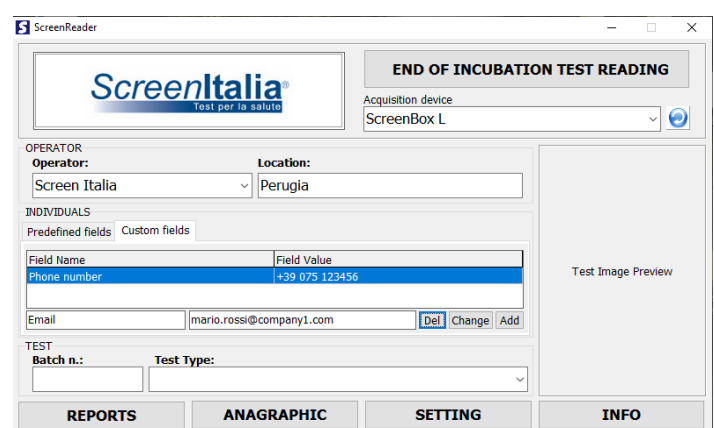


Img 19

- if a data is to be deleted, go to the corresponding one, click Del (Img 20) and the corresponding line is automatically deleted (Img 21). The text boxes related to Field Name and Field Value can be cleared using the Cancel key on the keyboard.



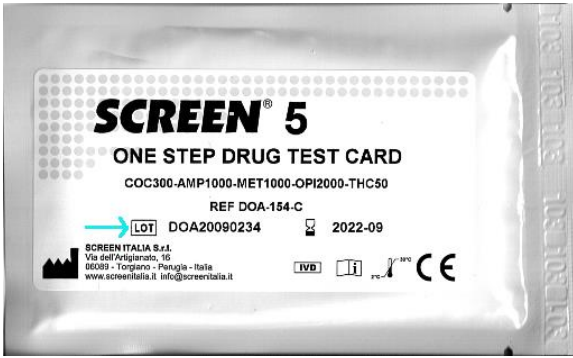
Img 20



Img 21

TEST: this section must indicate the lot it belongs to and the name of the test, choosing the latter from the drop-down menu of Test Type.

In order for the software to work, the Lot is an optional piece of information that can be filled in or left blank; it can be identified on each package and on each individual test sachet with the abbreviation LOT (Img 22, Img 23).



Img 22

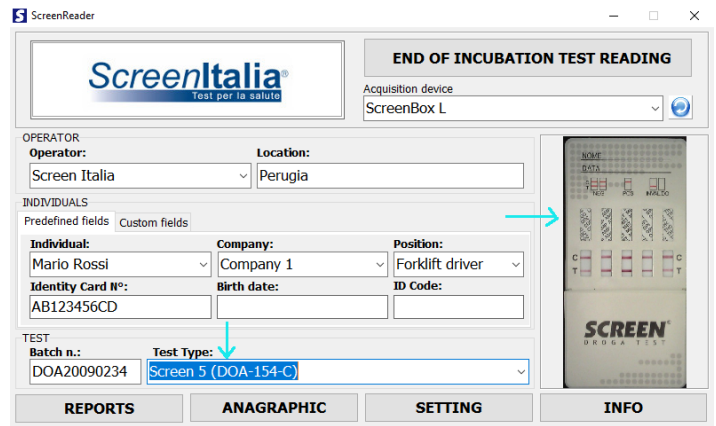


Img 23

The name of the test, on the other hand, is essential for the functioning of the software because it must be specified which test is to be analyzed. To find the correct test, just read the name on the package and/or on each individual test packet and the REF code below (Img 24). After selecting the test to be read in the Test Type text box, a small preview image appears in the Test Image Preview section (Img 25);

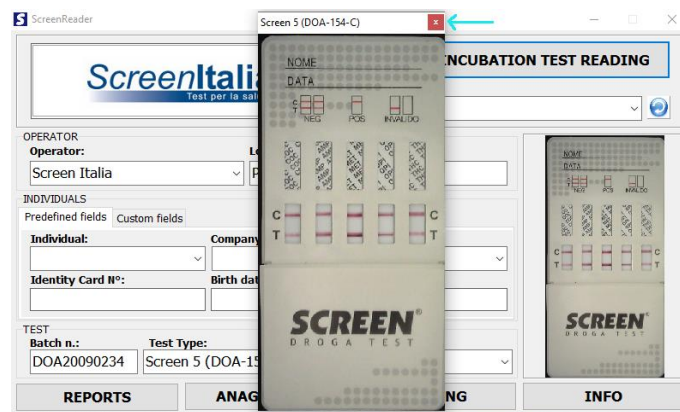


Img 24



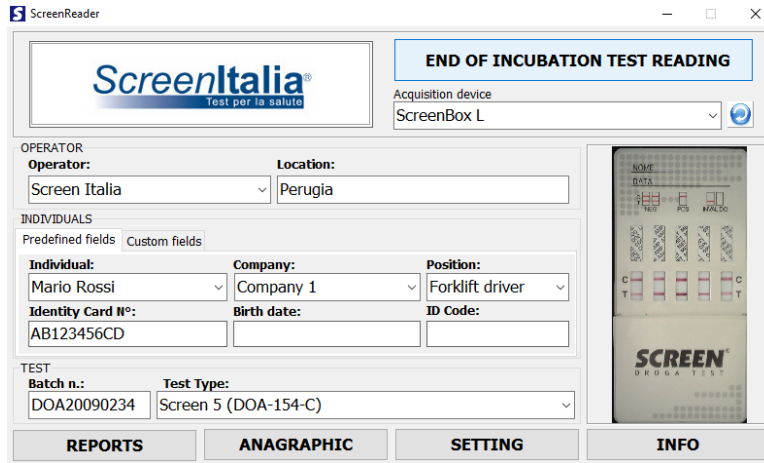
Img 25

by clicking twice in the preview area it is possible to enlarge the image a little; to bring it back to normal size, close the window with the command close (x) (Img 26).



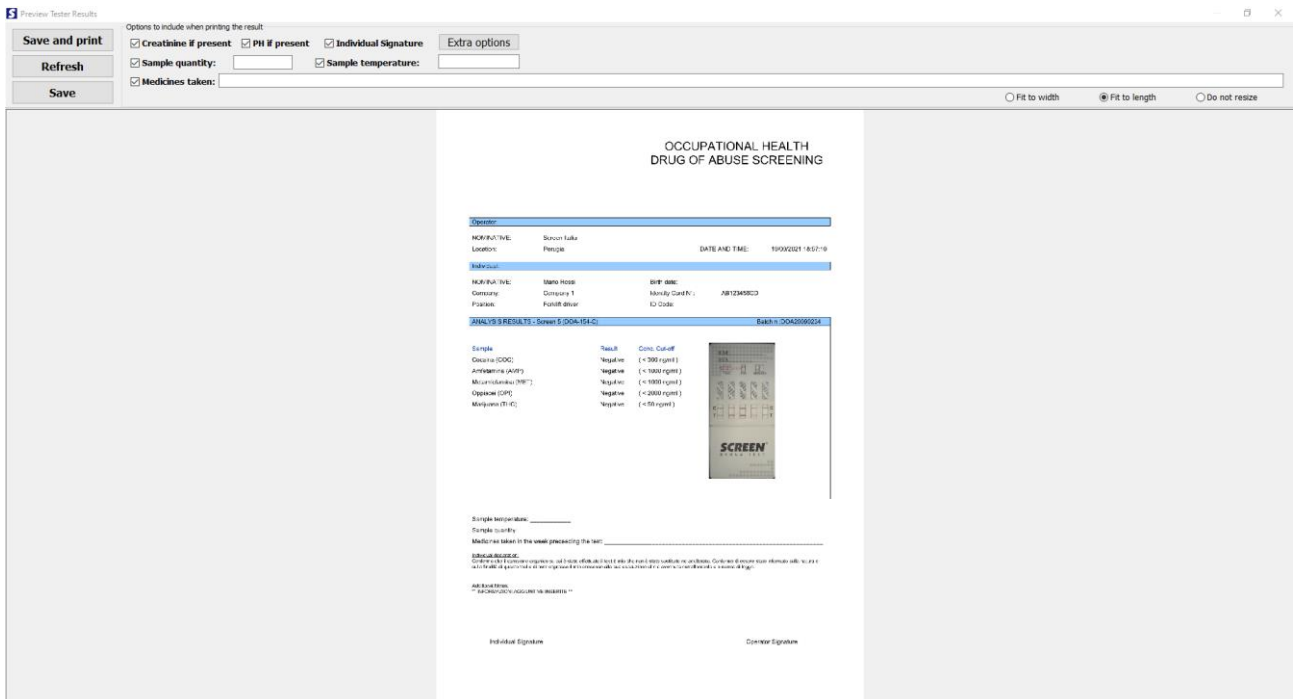
Img 26

Enter all the necessary information, start the analysis process by clicking the END OF INCUBATION TEST READING button at the top right (Img 27) and wait 30 seconds for the end of the reading.



Img 27

Once the analysis process is complete, a preview of the reading result is obtained as a report (Img 28).

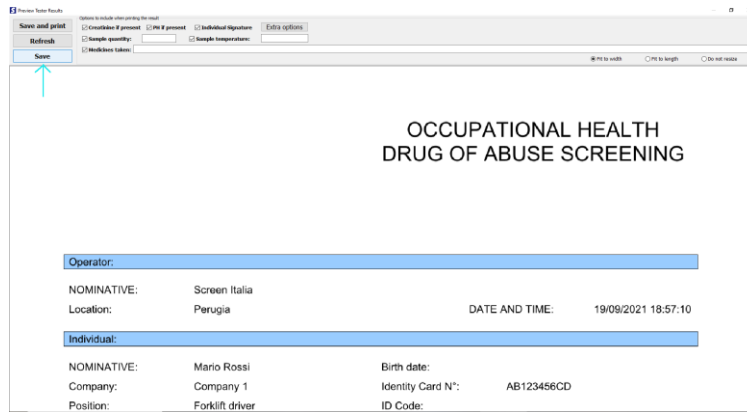


Img 28

This preview shows: all the data entered by the operator, the date and time of the reading (which the software acquires from the operating system), the results relating to the individual substances, the image of the test subjected to reading and a series of customizable elements through the check system.

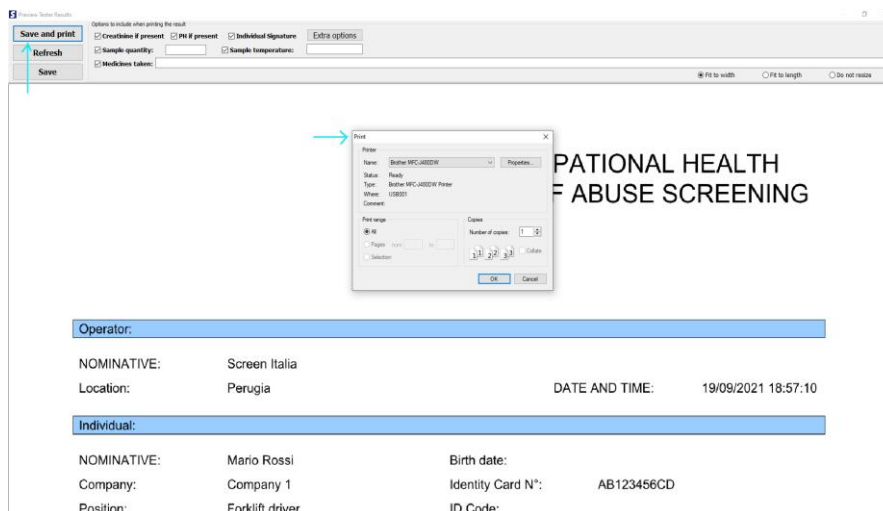
You can then proceed to:

- save the report (Img 29) -> through the Save button (just click it once) the reading report is automatically saved and archived in pdf format (in the REPORT menu and on the computer, see section 3.1);



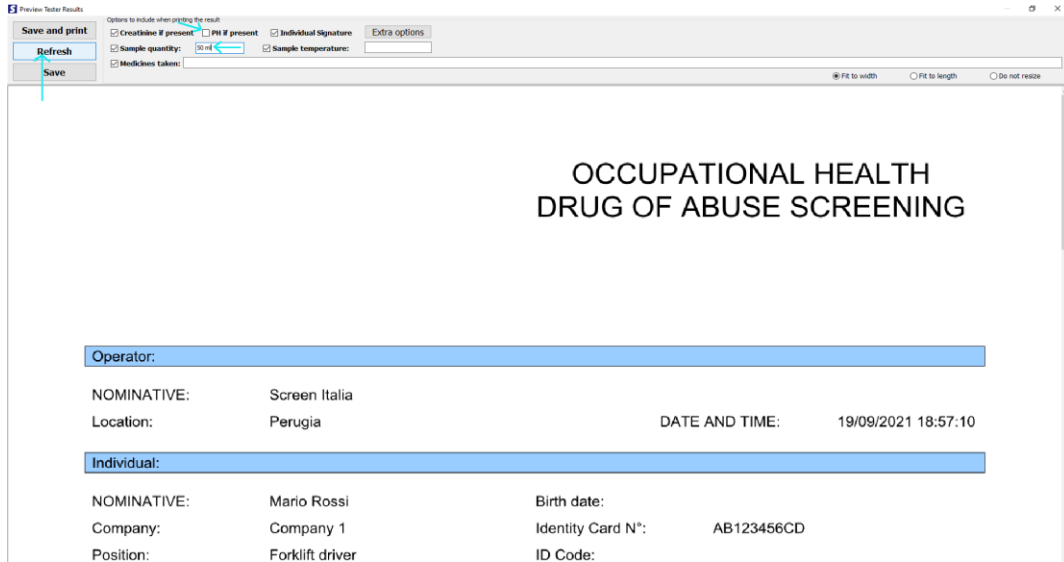
Img 29

- save and print the report (Img 30) -> by clicking on the Save and print button, with a printer connected to the computer, the report is automatically saved and printed through the printer dialog box that opens following;



Img 30

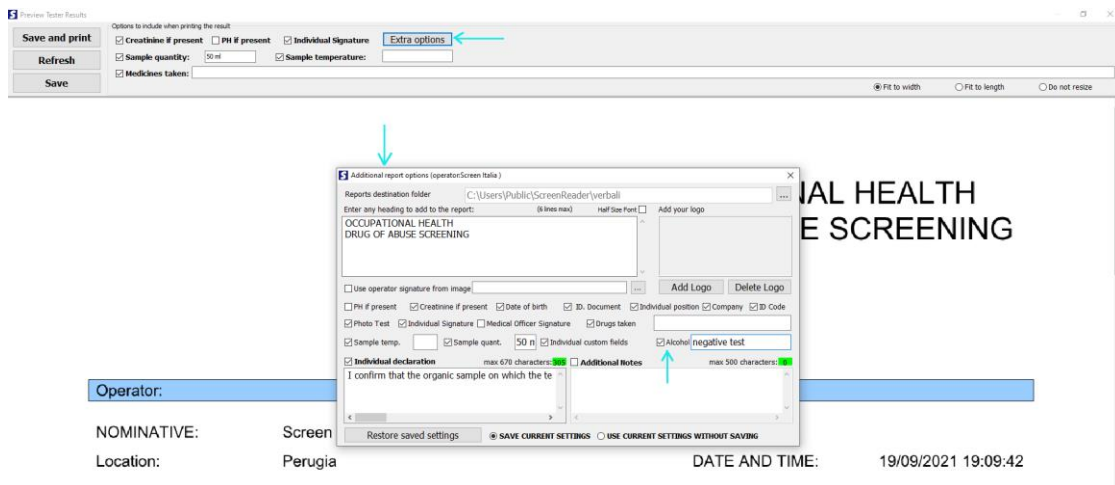
- edit the report (Img 31) -> using the Refresh button it is possible to remove or add elements to the report; for example, it is possible to eliminate the display of the ph by removing the corresponding tick or you can add the quantity of the sample used (inserting it in the text box Sample quantity) and then ALWAYS confirm each choice with the Refresh button. The change made is automatically reproduced in the report, which can then be saved or saved and printed as needed.



Img 31

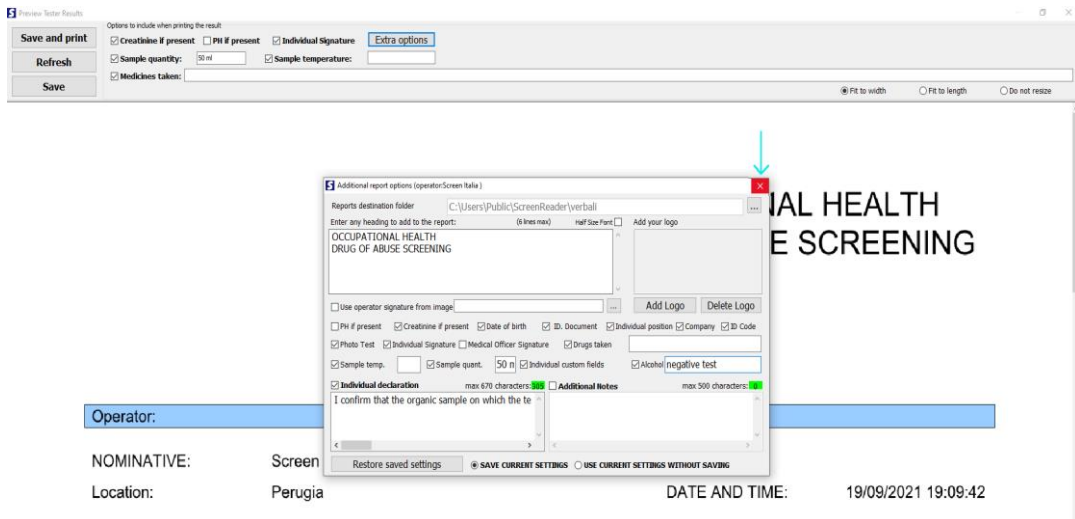
It is possible to further customize the report through the Extra options button (see also section 3.2):

- within the report, click the Extra options button and choose the items to be displayed in the Additional report options window (e.g. add the Alcohol field, tick and fill in the corresponding text box) (Img 32);



Img 32

- then close the Additional report options window with the command close (x) (Img 33) ;

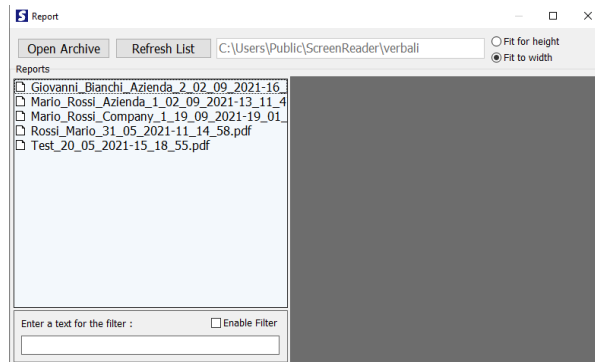


Img 33

- back in the report, confirm the choices with the Refresh button; in this case too, the changes made are automatically reproduced in the report, which can then be saved or saved and printed as needed.

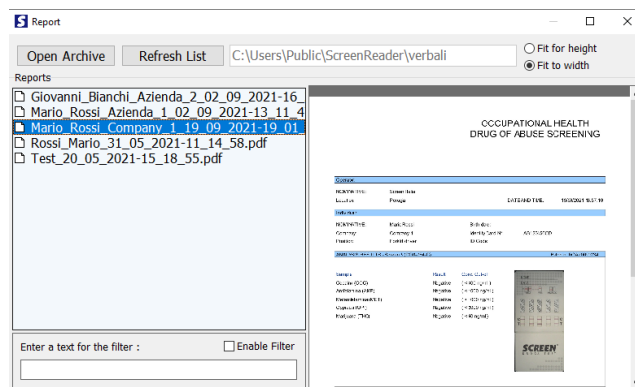
3.1 – Software menù: REPORTS

Within the REPORTS menu, the results of the readings of the saved tests (reports) are saved in pdf format and archived (Img 34);



Img 34

- clicking on a single report, a small preview of it opens in the right window (Img 35);

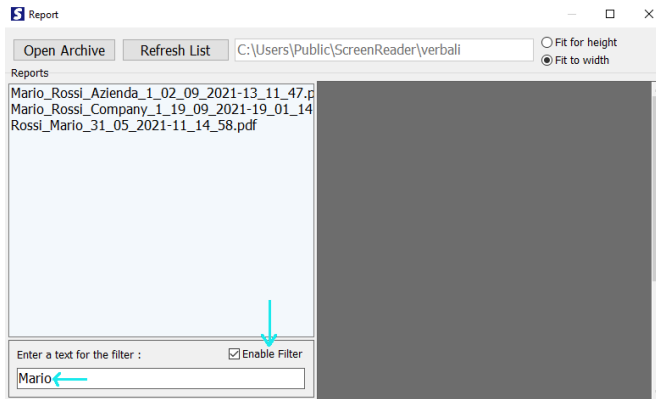


Img 35

- a double click in the preview area brings the report to full screen;
- the buttons Fit to height and Fit to width (at the top right of the Report window) allow you to view the report in different ways.

The reports can be selected according to a certain criterion of interest (name, surname, date, company, etc ...) using the Enable Filter function:

- type in the text box below to Enter a text for the filter a "keyword" among those present in the name of the report (Img 36);
- tick the Enable Filter box: only the reports corresponding to the search criteria adopted will remain highlighted (Img 36); remove the check from Enable Filter to display the entire list of reports again.

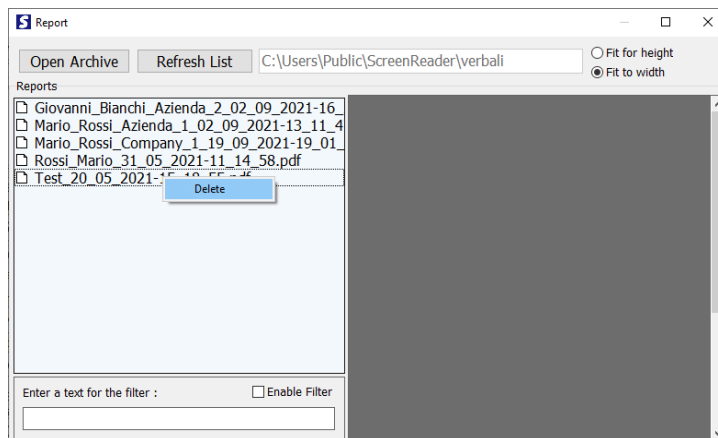


Img 36

The Open Archive button leads to the position in which the reports are physically saved on the PC (at the path "C: \ Users \ Public \ ScreenReader \ reports" shown in the side text box). The Refresh List button displays the updated list of reports, especially if some have been deleted.

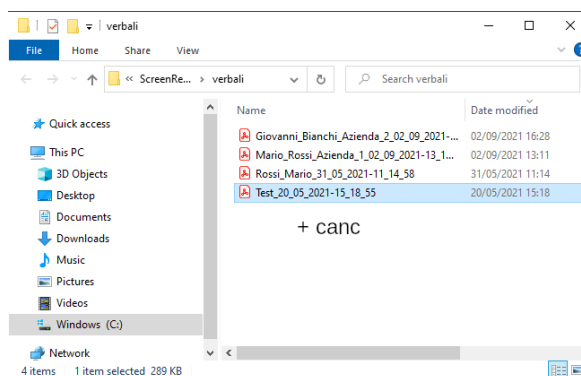
Reports can be deleted:

- by right-clicking on the report you want to delete: the Delete button will appear through which finalizing the operation (Img 37) or



Img 37

- directly from the "reports" folder (with the procedures provided by the operating system or because you want to move the reports, for example, to another position, such as an external hd) (Img 38).



Img 38

ATTENTION!! The reports deleted in the "reports" folder will also be deleted in Reports and vice versa.

3.2 – Software menù: ANAGRAPHIC

The ANAGRAPHIC menù is structured in the Operators and Subjects tab and Other Tables tab.

The Operators and Subjects tab is in turn divided into the OPERATORS and INDIVIDUALS sections.

The data relating to the subjects competent to carry out the tests are stored in OPERATOR, entered directly from the main interface of the software (see section 2.0) or by using the Save New Operator button:

- enter the name of the operator in the text box corresponding to Operator, then click the Save New Operator button (Img 39);
- the new operator is automatically displayed in the list of operators (Img 40);

The screenshot shows the 'Anagraphic' window with the 'Operators and Subjects' tab selected. The 'OPERATOR' section has a list on the left containing 'Screen Italia'. The 'Operator:' field contains 'Screen Italia 2'. The 'Location:' field is empty. The 'Batch n.:' and 'Test Type:' fields are also empty. Below these fields is a 'Verbal Settings' section. At the bottom of the 'OPERATOR' section are three buttons: 'Save New Operator', 'Save Change', and 'Delete'. The 'INDIVIDUALS' section below shows a list with 'Mario Rossi' and 'Giovanni Bianchi', and corresponding input fields for 'Name and surname:', 'Company:', 'Position:', 'Birth date:', 'ID Document:', and 'Identification code:'. At the bottom of the 'INDIVIDUALS' section are three buttons: 'Save New Subject', 'Save Change', and 'Delete'. A red arrow points to the 'Save New Operator' button.

Img 39

The screenshot shows the 'Anagraphic' window with the 'Operators and Subjects' tab selected. The 'OPERATOR' section has a list on the left containing 'Screen Italia' and 'Screen Italia 2'. The 'Operator:' field contains 'Screen Italia 2'. The 'Location:' field is empty. The 'Batch n.:' and 'Test Type:' fields are also empty. Below these fields is a 'Verbal Settings' section. At the bottom of the 'OPERATOR' section are three buttons: 'Save New Operator', 'Save Change', and 'Delete'. The 'INDIVIDUALS' section below shows a list with 'Mario Rossi' and 'Giovanni Bianchi', and corresponding input fields for 'Name and surname:', 'Company:', 'Position:', 'Birth date:', 'ID Document:', and 'Identification code:'. At the bottom of the 'INDIVIDUALS' section are three buttons: 'Save New Subject', 'Save Change', and 'Delete'. A red arrow points to 'Screen Italia 2' in the operator list.

Img 40

The Location, Batch number and Test Type fields, optional for software operation, can be entered when creating a new operator or subsequently as a modification of an existing operator, using the Save Change button; they can also be inserted immediately before starting the test reading from the main software interface (see section 2.0).

It is possible to modify and/or delete an existing operator with the Save Change and Delete buttons:

- correct the field of interest or add missing information, then click the Save Change button (Img 41);
- select the operator to delete, then click the Delete button (Img 42).

The screenshot shows the 'Anagraphic' window with the 'Operators and Subjects' tab selected. The 'OPERATOR' section has a list on the left containing 'Screen Italia' and 'Screen Italia 2'. The 'Operator:' field contains 'Screen Italia 2'. The 'Location:' field contains 'Torgiano'. The 'Batch n.:' and 'Test Type:' fields are also empty. Below these fields is a 'Verbal Settings' section. At the bottom of the 'OPERATOR' section are three buttons: 'Save New Operator', 'Save Change', and 'Delete'. The 'INDIVIDUALS' section below shows a list with 'Mario Rossi' and 'Giovanni Bianchi', and corresponding input fields for 'Name and surname:', 'Company:', 'Position:', 'Birth date:', 'ID Document:', and 'Identification code:'. At the bottom of the 'INDIVIDUALS' section are three buttons: 'Save New Subject', 'Save Change', and 'Delete'. A red arrow points to the 'Save Change' button.

Img 41

The screenshot shows the 'Anagraphic' window with the 'Operators and Subjects' tab selected. The 'OPERATOR' section has a list on the left containing 'Screen Italia' and 'Screen Italia 2'. The 'Operator:' field contains 'Screen Italia'. The 'Location:' field contains 'Perugia'. The 'Batch n.:' contains 'DOA20090234' and the 'Test Type:' contains 'Screen 5 (DOA-154-C)'. Below these fields is a 'Verbal Settings' section. At the bottom of the 'OPERATOR' section are three buttons: 'Save New Operator', 'Save Change', and 'Delete'. The 'INDIVIDUALS' section below shows a list with 'Mario Rossi' and 'Giovanni Bianchi', and corresponding input fields for 'Name and surname:', 'Company:', 'Position:', 'Birth date:', 'ID Document:', and 'Identification code:'. At the bottom of the 'INDIVIDUALS' section are three buttons: 'Save New Subject', 'Save Change', and 'Delete'. A red arrow points to the 'Delete' button.

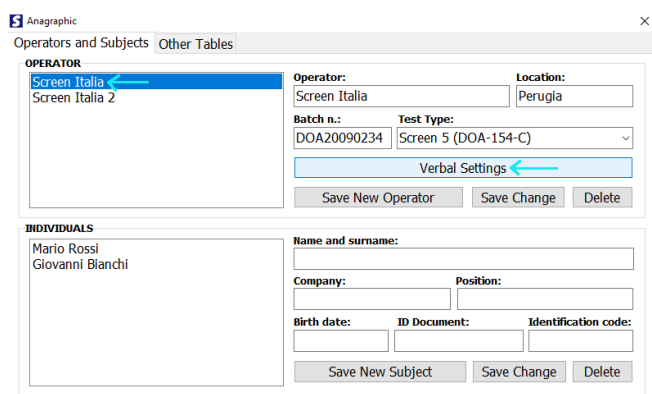
Img 42

ATTENTION!! The Save Change command cannot be used to modify / correct the Operator entry: in the event of an error in this field, a new correct operator must be created. ATTENTION!!

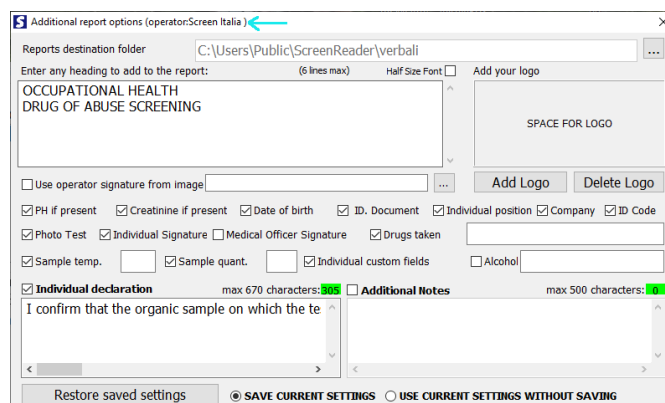
The Delete command deletes the data of the operator and of all the individuals tested by himself. However, it does not delete the tests carried out by the operator that have been duly saved.

Up to 256 operators can be stored and each of them can personalize their reports, by adding or removing a check from the default settings, through the Verbal Settings button:

- select the desired operator then click the Verbal Setting button (Img 43);
- you access the Additional report options panel for the selected operator (shown in brackets) (Img 44);

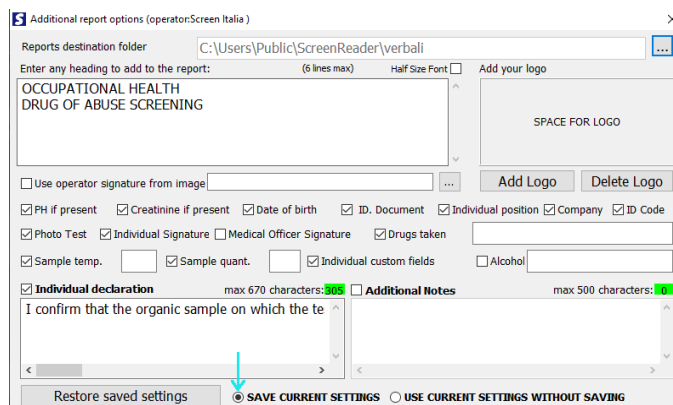


Img 43



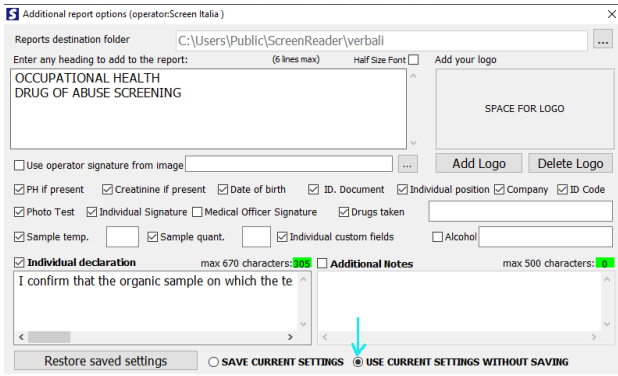
Img 44

- choose the elements for customization, then close the Additional report options window to memorize the choices: the options thus decided are kept for all subsequent readings by predetermined basic setting (Img 45); however, they can be modified from this window or from the Extra Options menu before saving a report (see section 2.0);

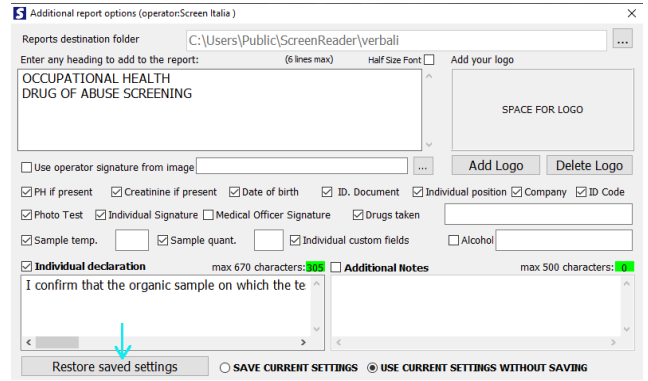


Img 45

- it is possible to use specific settings only for a work session or only for some subjects by activating the option USE CURRENT SETTINGS WITHOUT SAVING (Img 46) and then restore the general settings previously chosen with the Restore saved settings button (Img 47)



Img 46




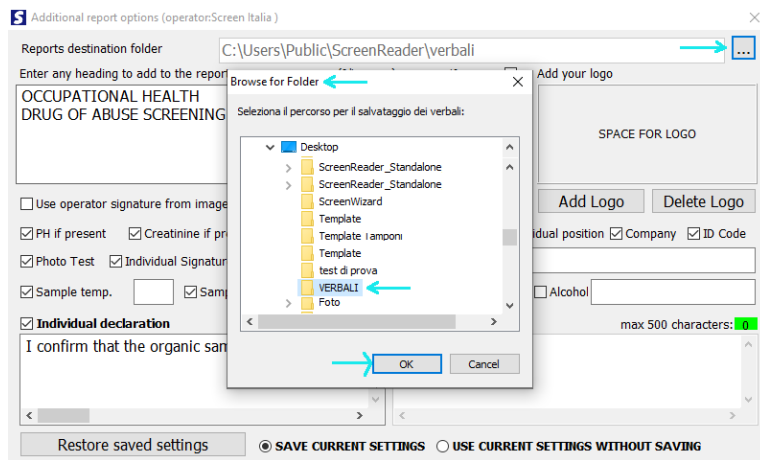
Img 47

or closing and reopening the software.

DETAIL OF THE ADDITIONAL REPORT OPTIONS WINDOW

Reports destination folder → indicates the default path in which the reports are saved on the PC; this save path can be changed (Img 48):

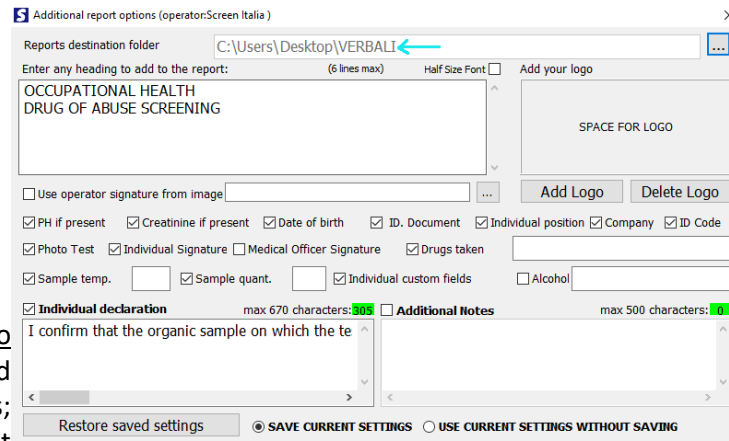
- click the button  on the right,
- select the new destination folder,
- confirm with the OK button,



Img 48

- the save destination will be changed (Img 49).

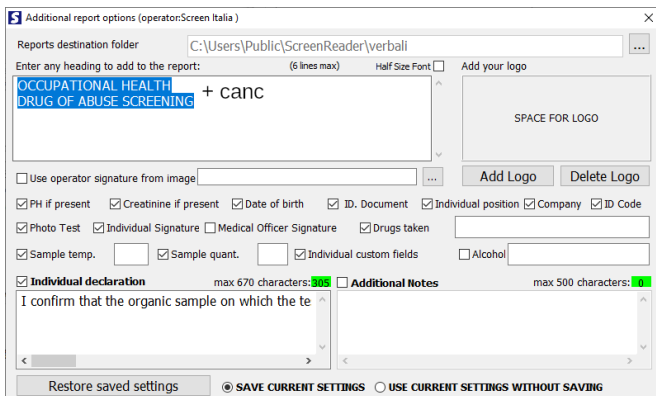
Img 49



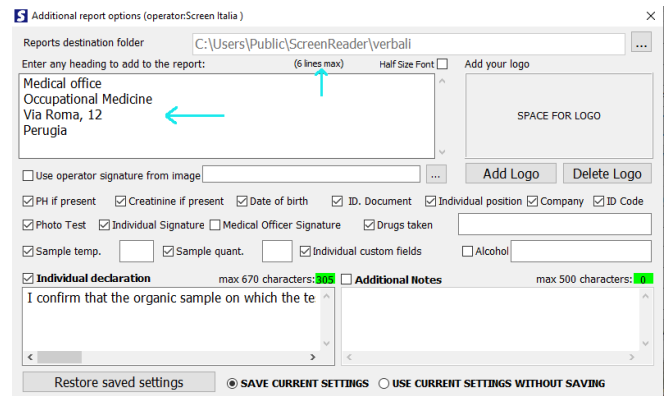
Enter any heading to add to the report → space dedicated to the heading of the reports; the header present by default

can be modified to insert a specific one:

- select the default text (with the left mouse button) then delete it (Img 50),
- type the desired header for a maximum of 6 lines (Img 51), then close the Additional report options window to save it;



Img 50

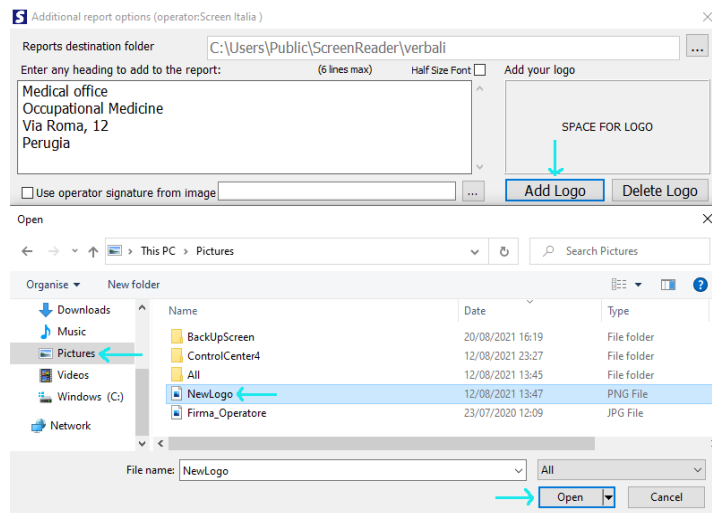


Img 51

- if the header needs more than 6 lines, check the Half Size Font box: the font size is halved and the header lines increased to 12, allowing you to scroll the text with the side scroll bar; then proceed as in the previous point.

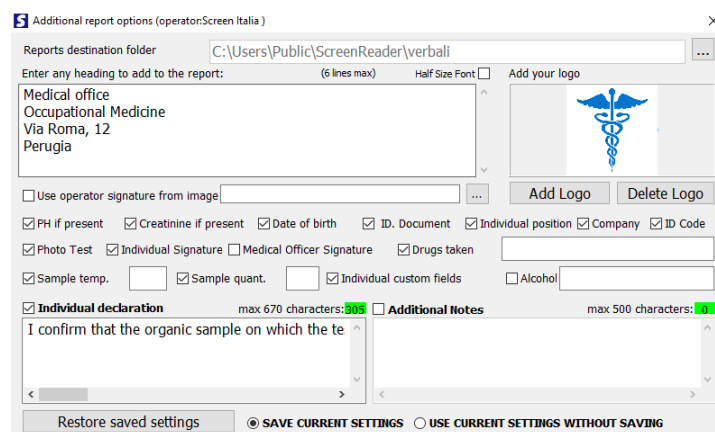
Add your logo → space dedicated to the possible insertion of the business logo (the software supports all major graphic formats such as: jpg, jpeg, gif, tif, ecc...)

- click the Add Logo button,
- select the path where the logo is saved, then click the Open button (Img 52),



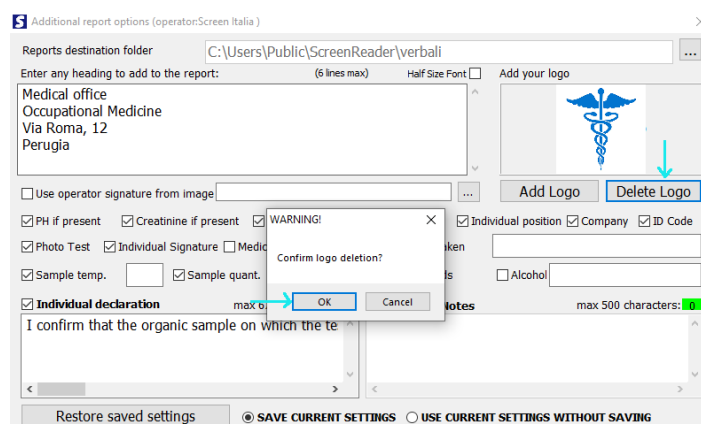
Img 52

- the logo is uploaded in the space provided (Img 53); close the Additional report options window to save the choice;



Img 53

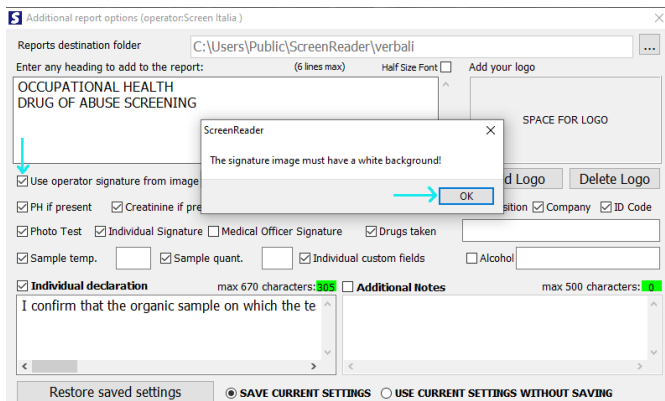
- to delete the logo, click the Delete Logo button, then confirm the operation with the OK button (Img 54).



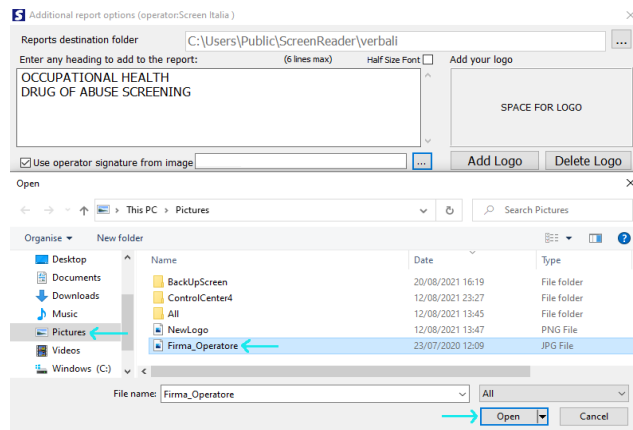
Img 54

Use operator signature from image → allows to automatically insert in the report the operator's handwritten signature (you can also insert the stamp) already saved on the computer in one of the supported graphic formats:

- activate the function by ticking the relevant box and confirm the subsequent warning shown by the software with OK (Img 55),
- select the path where the signature is saved, then click the Open button (Img 56),

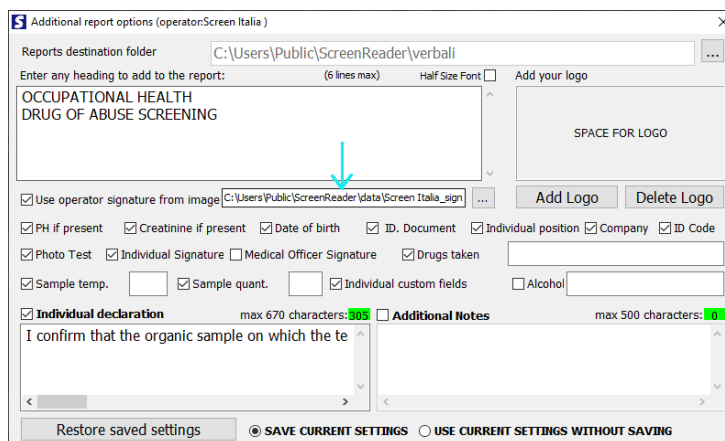


Img 55



Img 56

- the path is shown in the dedicated text box and can always be changed with the button to the right (Img 57);



Img 57

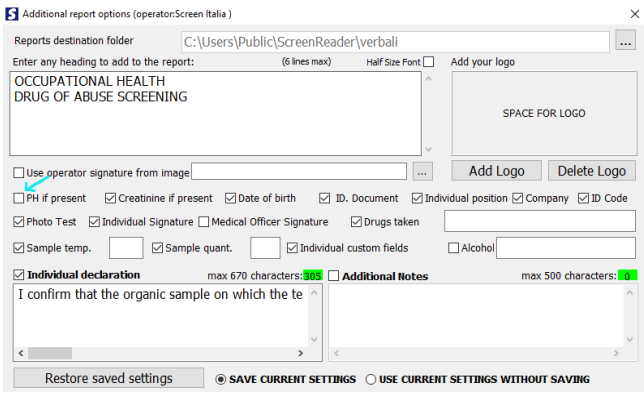
- close the Additional report options window to save the choice.

PH if present → with the active tick, it allows to view the PH value in the report for the tests that contain it.

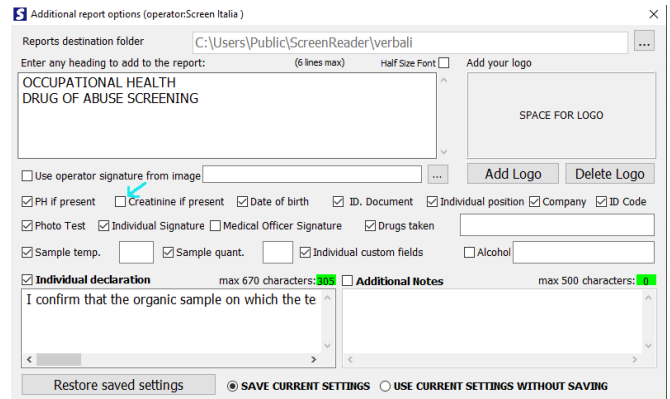
To not display the PH, remove the tick and close the Additional report options window to save the choice (Img 58); the entry is not displayed in the report.

Creatinine if present → with the active tick, it allows to view the creatinine value in the report for the tests that contain it.

To not display the Creatinine, remove the tick and close the Additional report options window to save the choice (Img 59); the entry is not displayed in the report.



Img 58

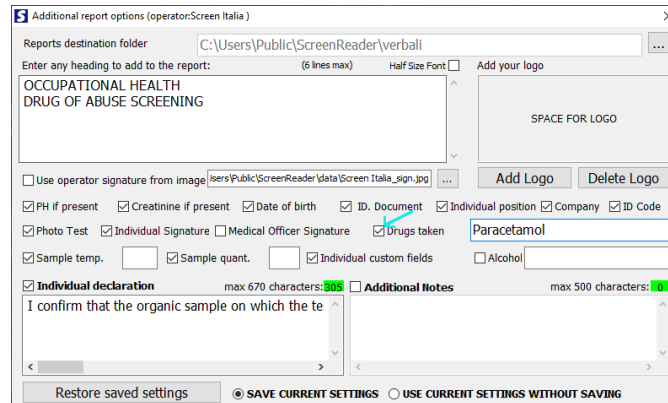


Img 59

Date of birth, ID. Document, Individual position, Company, ID Code, Photo Test, Individual Signature, Medical Officer Signature → with active ticks, they allow to view the related data for the selected individuals in the report; it is possible to choose which information to display and which not to through the relative ticks; then close the Additional report options window to save the choice.

Drugs taken → with the tick active it allows to view the drugs taken by the selected individual in the report:

- with the tick activated, type in the corresponding box the name (or names) of the drug (Img 60),



Img 60

- close the Additional report options window to save the choice; the entry is displayed in the report. To hide the item, proceed as for PH and creatine.

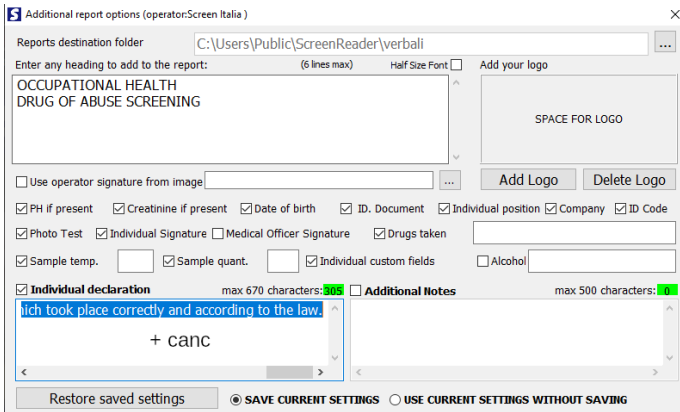
Sample temperature, Sample quantity, Alcohol → with active ticks, they allow to view the corresponding data in the report, following the same procedure as for the item Drugs taken.

Individual custom fields → with the tick enabled, it allows to view in the report the data added for each subject through the Custom fields tab (see section 2.0); by default, the option is active.

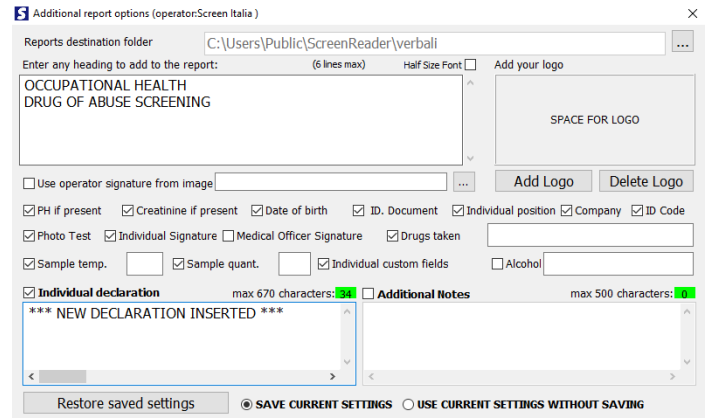
With the tick unchecked, the data will not be displayed in the report even if correctly entered in the Custom fields tab.

Individual declaration → with the tick enabled, it allows to view the Individual declaration at the end of the report; by default there is already a pre-set declaration that can be modified anyway:

- select the default text, then delete it (Img 61),
- enter the new text (Img 62), then close the Additional report options window to save the choice (up to 670 characters can be entered).



Img 61



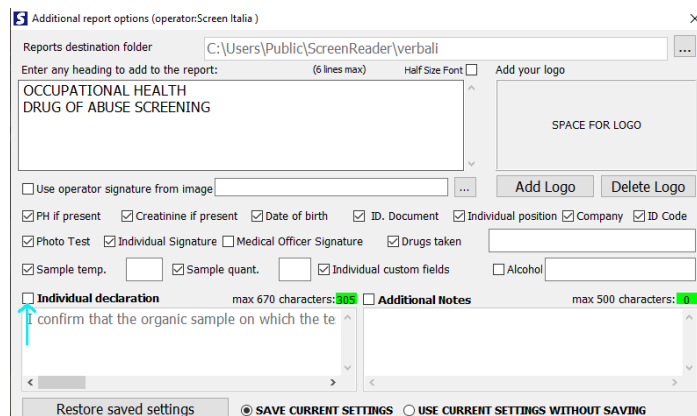
Img 62

To reload the preset declaration:

- select the new text entered, then delete it (as indicated in the previous step, Img 61),
- close the Additional report options window to save the choice,
- close the Anagraphic data window to reload the default declaration, which will be displayed in the next reading.

To not display the declaration :

- remove the corresponding tick (Img 63): it will not be possible to write in the corresponding box,



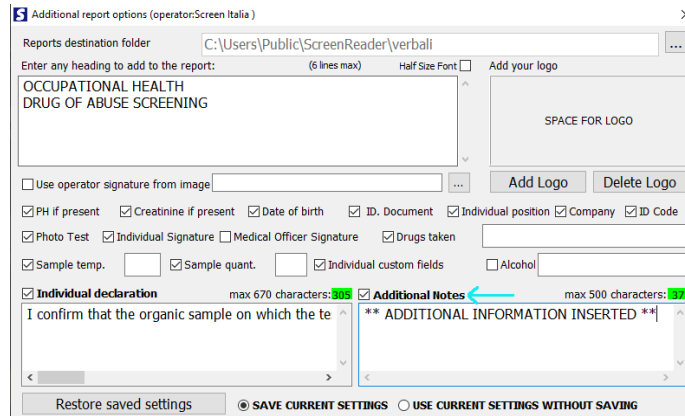
Img 63

- close the Additional report options window to save the choice; the declaration is not displayed in the report.

Additional Notes → with the tick enabled, it allows to view additional information necessary or useful at the end of the report (you can type up to 500 characters); by default the voice is not active, so it does not appear in the report.

To view the Additional Notes:

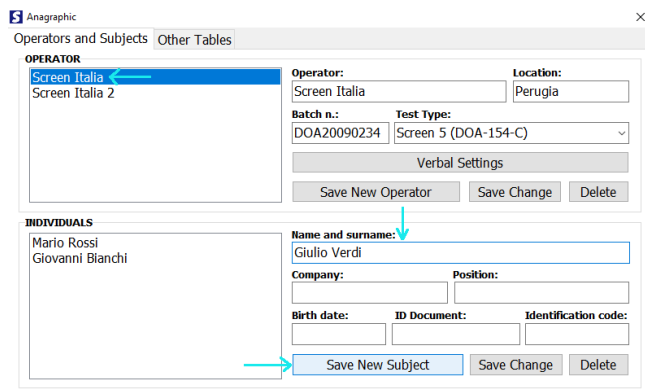
- check the corresponding box and type the text you want to insert (Img 64),
- close the Additional report options window to save the choice; additional notes are displayed in the report.



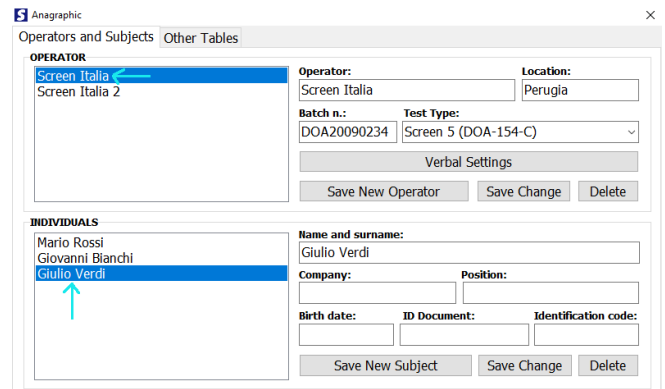
Img 64

INDIVIDUALS store the data relating to the subjects being tested (by their respective operators), entered directly from the main interface of the software (see section 2.0) or by using the Save New Subject button:

- taking care to select the correct operator, enter the name of the individual in the text box corresponding to Name and surname, then click the Save New Subject button (Img 65);
- the new subject is automatically displayed in the list of **INDIVIDUALS**, connected to his operator (img 66).



Img 65

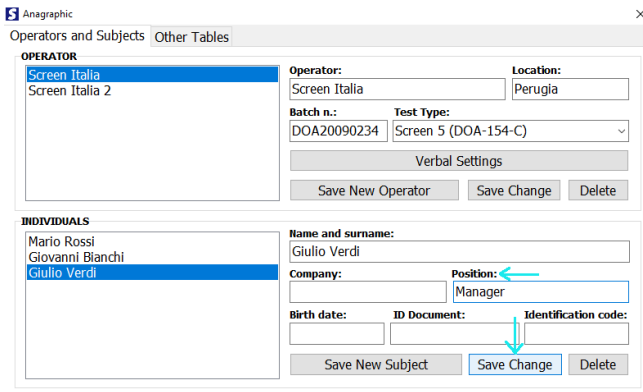


Img 66

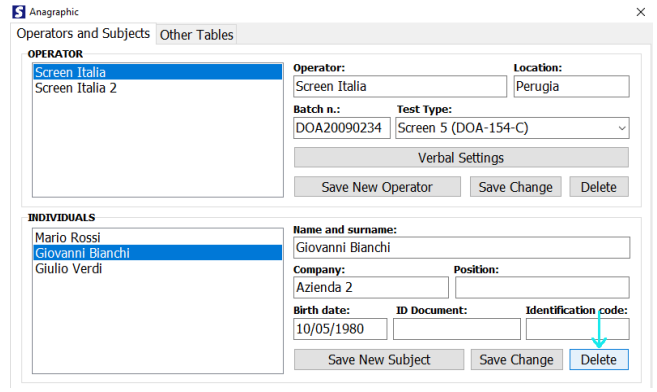
The fields Company, Position, Birth Date, ID Document and Identification code, optional for the operation of the software, can be inserted when creating a new subject or subsequently as a modification of an existing subject, through the Save Change button; they can also be inserted immediately before starting the test reading from the main software interface (see section 2.0).

It is possible to modify and/or delete an existing subject with the Save Change and Delete buttons:

- correct the field of interest or add missing information, then click the Save Change button (Img 67);
- select the individual to delete, then click the Delete button (Img 68).



Img 67



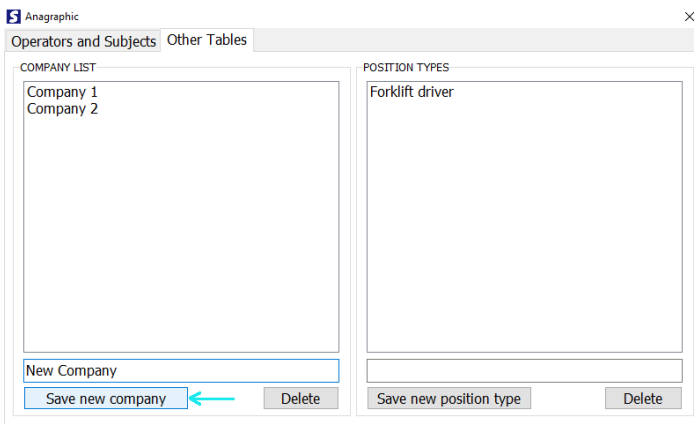
Img 68

ATTENTION!! The Save Change command cannot be used to modify / correct the Name and Surname entry: in the event of an error in this field, a new corrected subject must be created.

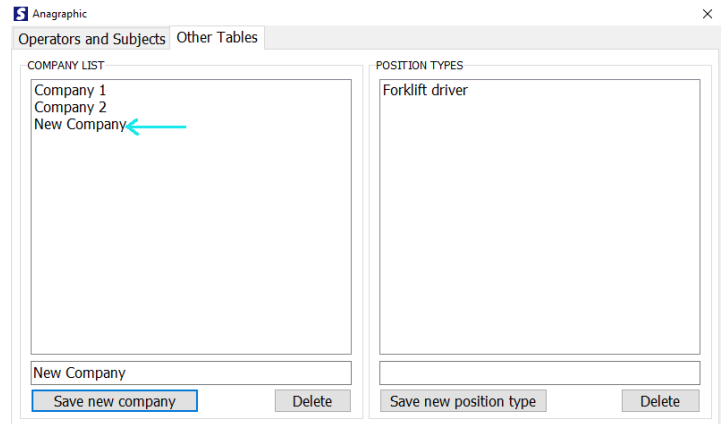
ATTENTION!! The Delete command deletes all the data of the subject. It does not, on the other hand, delete the test reports to which the individual has been subjected and that have been duly saved.

The Other Tables tab is structured in the two sections COMPANY LIST and POSITION TYPES; in these sections the companies and qualifications relating to the tested individuals are stored, entered directly from the main interface of the software (see section 2.0) or by using the Save new company and Save new position type button:

- enter the company name in the text box corresponding to COMPANY LIST, then click the Save new company button (Img 69),
- the new company is automatically displayed in the list of companies (Img 70);

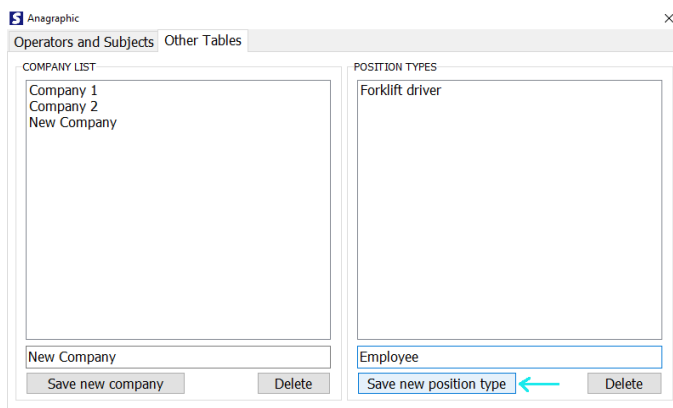


Img 69

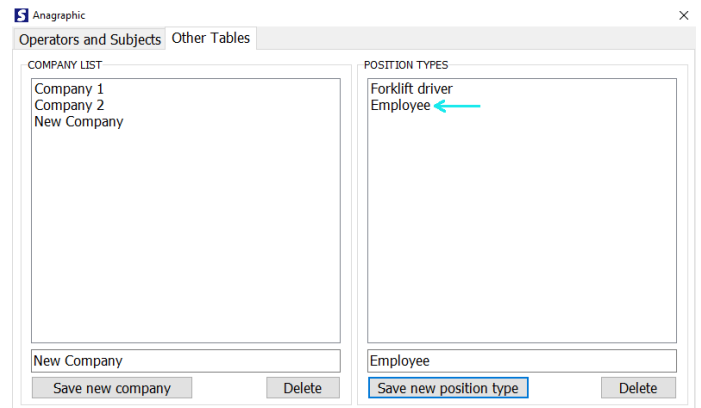


Img 70

- similarly, enter the type of qualification in the text box corresponding to POSITION TYPES, then click the Save new position type button (Img 71);
- the new position is automatically displayed in the list of position types (Img 72).



Img 71



Img 72

3.3 – Software menu: SETTING

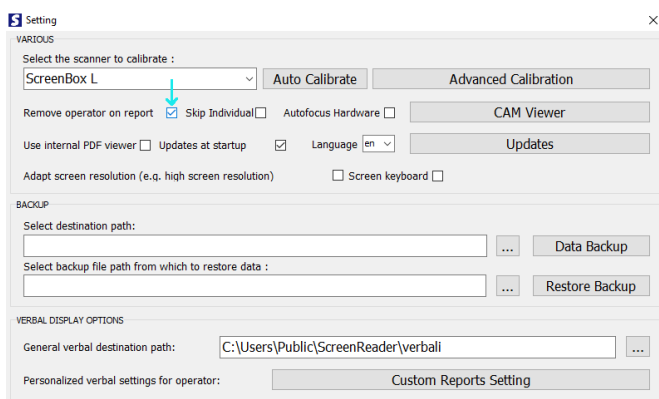
The SETTING menu presents a series of specific software functions to be set and used according to your needs.

Select the scanner to be calibrated → this is the function used to calibrate the ScreenBox reader during the first installation of the software and after the installation of its updates (see section 1.0) **ATTENTION!!**

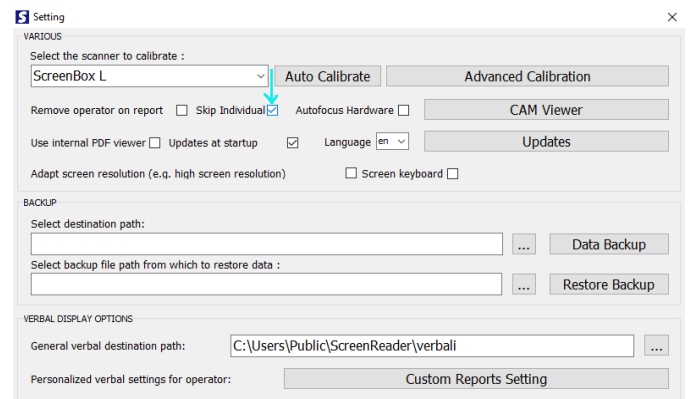
The Advanced Calibration button is for the exclusive use of technical personnel for any assistance interventions.

Remove operator on report → with active tick (Img 73) the operator data are not displayed in the report even if present in the main screen of the software; by default the option is disabled.

Skip Individual → with the tick activated (Img 74) the data of the tested subject are not displayed in the report even if present in the main screen of the software; by default the option is disabled.



Img 73



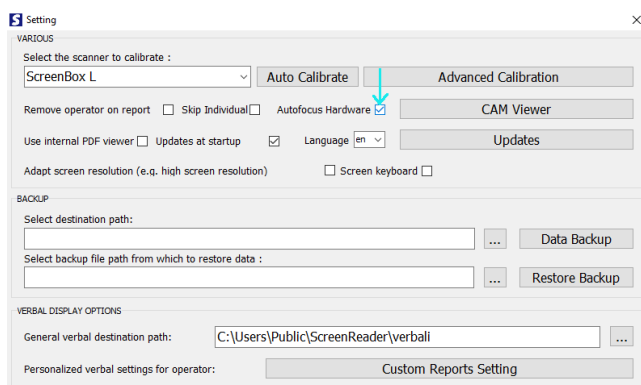
Img 74

Autofocus Hardware → with the tick enabled (Img 75) it disables software optimization for autofocus improvement; try to select the option only if the images are extremely blurry. **ATTENTION!!**

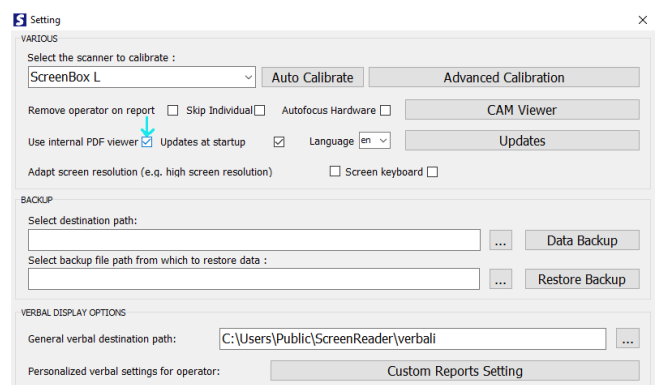
As a rule, it is recommended to leave the option disabled.

CAM Viewer → allows to view the inside of the Screen Box reader; it is a function normally activated for diagnostic purposes.

Use internal PDF viewer → with the active tick (Img 76) allows to view pdf files (eg. reports) using the software's internal pdf viewer; it is a useful function if a program for viewing pdf files is not installed on the computer. The option is enabled by default.



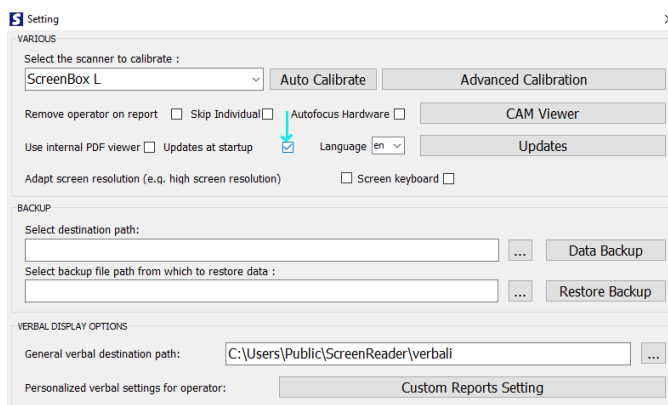
Img 75



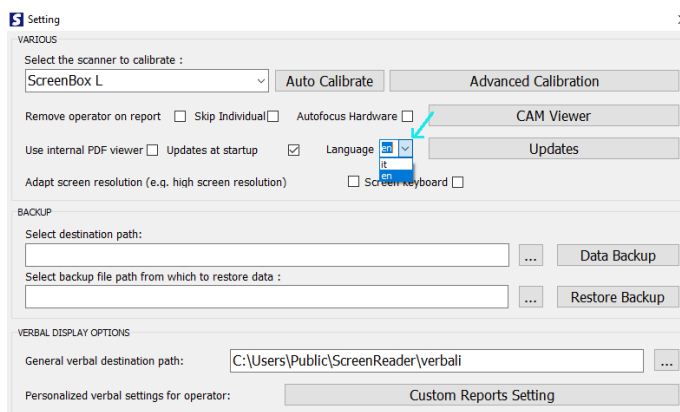
Img 76

Updates at startup → with the tick active, enabled by default (Img 77), automatically checks for updates each time the software is started; the function requires an internet connection.

Img 77



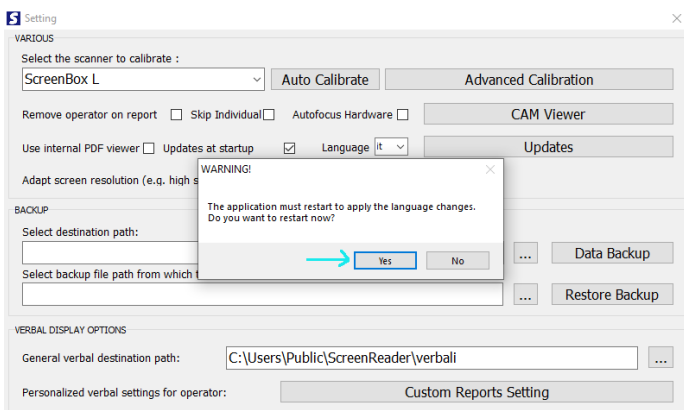
Language → allows to choose the software language, using the drop-down menu (Img 78); currently the software supports the Italian language and the English language. By default it is installed in Italian or English depending on the language of the computer operating system; if the language of the operating system is different from both, the software will be installed in English by default.



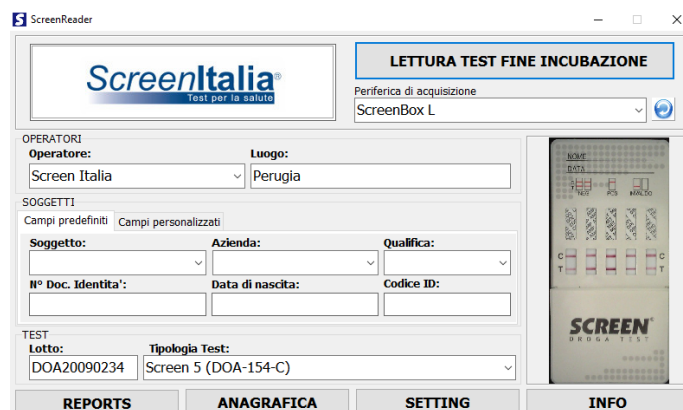
Img 78

Changing the language of the software interface:

- from the drop-down menu choose the desired language, in the example shown Italian: in the window that opens click Yes (Img 79),
- the software closes automatically to restart in the selected language, in this example Italian (Img 80).



Img 79



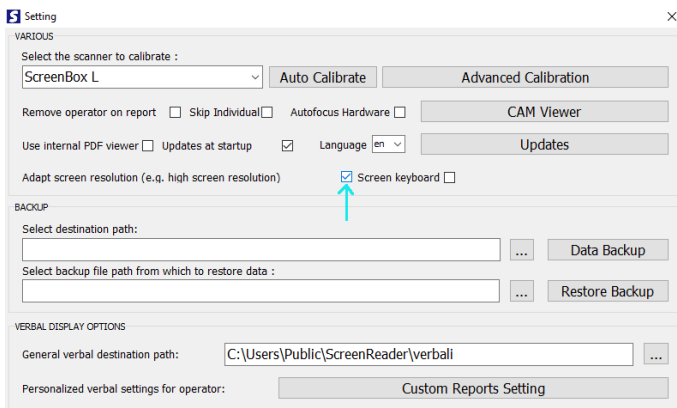
Img 80

ATTENTION!! Only the elements present by default in the software are translated into the selected language; any customizations added by the user (eg. in the header or in the additional notes) will not be translated automatically.

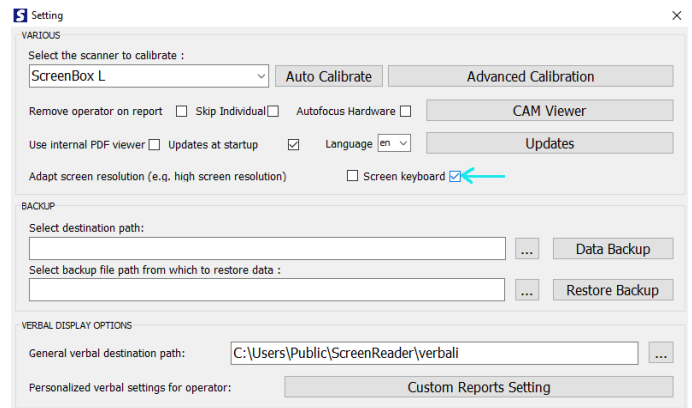
Updates → button that allows to check for updates at any time (not just at startup); the function requires an internet connection.

Adapt screen resolution → function that can be used when the resolution of the computer screen is so high that the software cannot be displayed correctly. With the tick activated (Img 81) and after closing the Setting window, the software window is enlarged, adapting it to the screen resolution; by default the option is disabled.

Screen keyboard → with the tick active (Img 82) at the time of entering the data in the software, a virtual keyboard appears on the monitor, which can be used alternatively or together with the physical keyboard.




Img 81

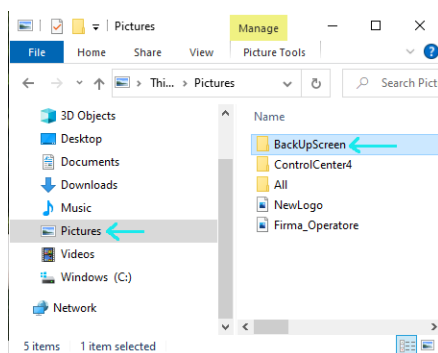


Img 82

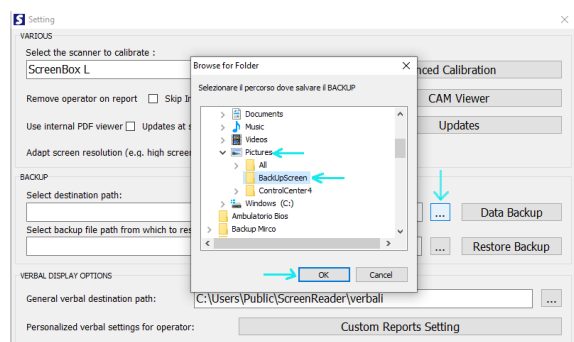
BACKUP → function that allows to back up the data saved within the software and their subsequent and possible restore. The data that are saved are: the operators database, the i database and the reports; the backup file format is .srbkp.

Backup creation:

- as a preliminary operation, create a folder dedicated to backup on your computer, eg. BackUpScreen (Img 83),
- use the button  to select the path that leads to the created folder, then click OK (Img 84),

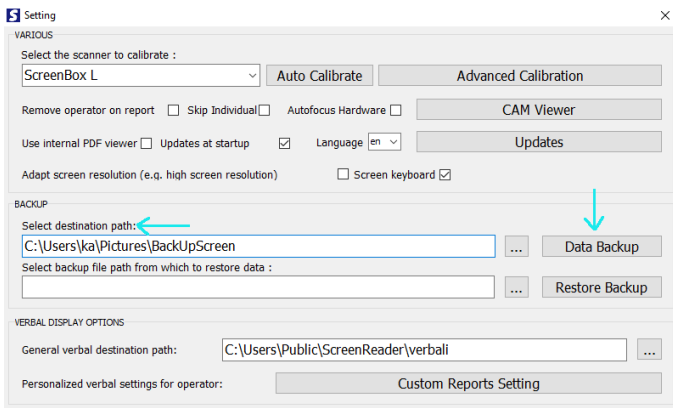


Img 83

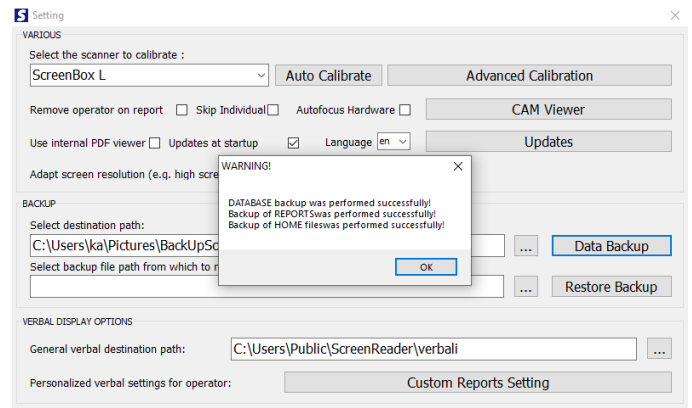


Img 84

- the path is loaded in the corresponding text box, then click the BackUp Data button to proceed with the backup (Img 85),
- once the procedure has been successfully completed (Img 86), there will be 3 files in the backup folder corresponding to the 3 categories of saved data.




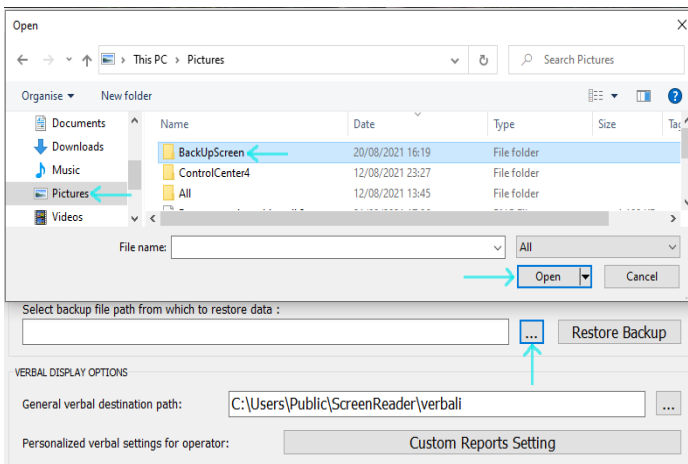
Img 85



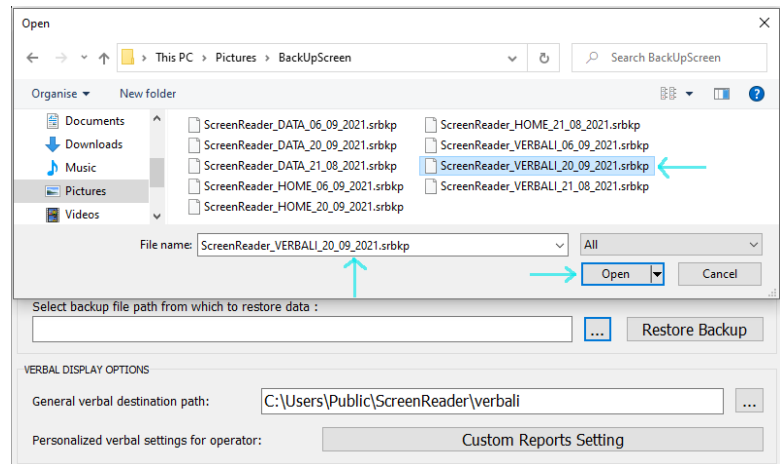
Img 86

Restore backup data:

- use the button  to recall the backup folder containing the previously saved data (in the example, the BackUpScreen folder), then open it with the Open button (Img 87),
- choose the data to restore from the folder, eg. the ScreenReader_VERBALI_20_09_2021.srbkp file, then click Open (Img 88), considering that the saved files can be restored one at a time,

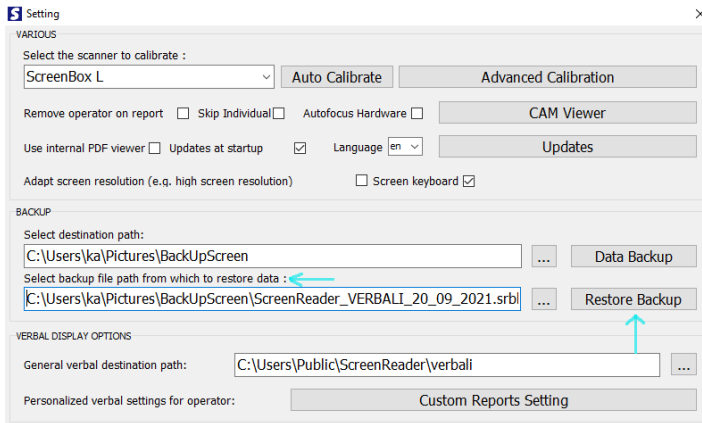


Img 87

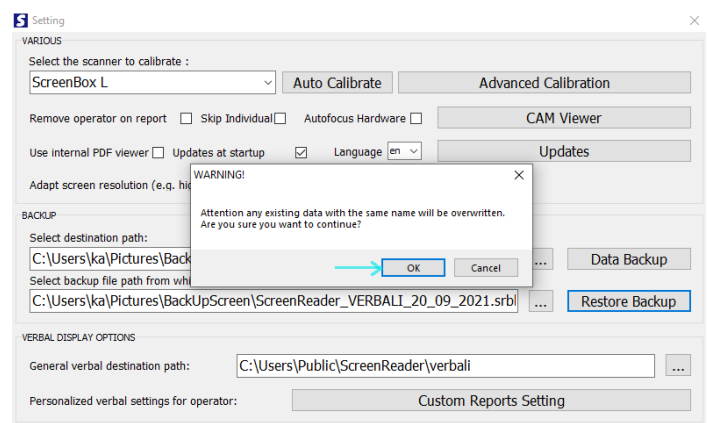


Img 88

- with the path automatically loaded in the corresponding text box, click the Restore Backup button to restore the contents of the selected file (Img 89),
- in the window that opens, the software warns the user to check the temporal consequentiality of the files he is about to restore, in order to prevent old data from being overwritten on more recent data; click OK if the data are correct (Img 90);

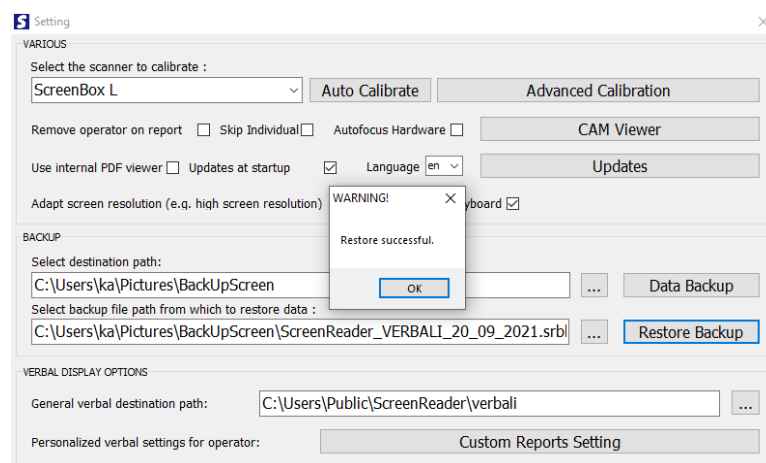


Img 89



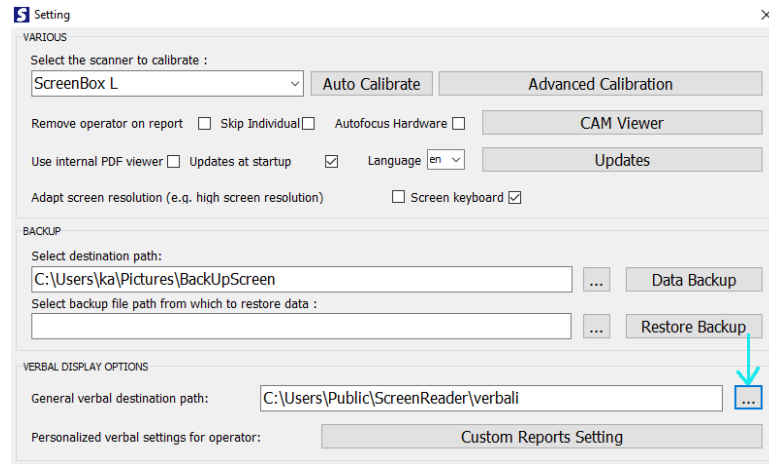
Img 90

- once the procedure has been successfully completed (Img 91), the content of the restored file is automatically inserted into the software.



Verbal display options

General verbal destination path → indicates the general path in which the reports of all operators are saved; the path can be modified (Img 92) using the appropriate button [...] with the same procedure described in section 4.2.



Img 92

Personalized verbal settings for the operator → with the Custom Report Setting button, it allows the customization of operator reports, with the same procedure described in section 3.2.

ATTENTION!! When personalizing the reports from this position, always pay attention to the selected operator, so that the one on which you want to intervene is correctly identified.

3.4 – Software menù: INFO

In the INFO menu there are technical specifications, the first of which is the software version installed on the PC (e.g. ver. 1.6.3.7), together with information on software registration (email used for registration, registration date, serial number and activation code).

The License button allows to view the END USER LICENSE AGREEMENT (EULA), accepted during the software installation; with the Open license in pdf button you can view it in full screen; the buttons in the upper part of the window allow the corresponding operations on the file.

The Delete Registration button causes the cancellation of the software registration carried out on the PC during installation. **ATTENTION!!**

This is an operation to be carried out only in specific cases and with the guided assistance of Screen Italia operators.

Press the Close button to return to the Info window.

The Help button opens a pdf file that illustrates how to use the ScreenBox in relation to the different types of tests and briefly the operation of the software.

4.0 – Technical specifications

Dimensions:	Cm. 8 x 14 x 21
Weight:	Gr. 1150
Temperature:	From 5 °C to 35 °C
Location:	For indoors use
Reader Type:	5 Megapixel Auto Focus USB Camera Module 32mmx32mm
Resolution:	1600x1200
Interface:	USB 2.0
Power Requirements:	12 Vcc, 1-25 A
Power consumptions:	12 W
Minimum System Requirements	Windows XP Service Pack 3, Vista, Windows 7/8/10
Protocol:	DirectShow Video Source Filter for M-JPEG Cameras



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