



Keystone View

Excellence in Vision Testing

Keystone View Visionary 2013 Software

User Manual

7 July 2014

KeystoneView.com

Welcome to Mast Concepts's Keystone View Visionary 2013 Software

With the purchase of your new Keystone View Vision Screener you are receiving a free sample that contains a revolutionary software program for conveniently registering, recording, and printing up to 100 electronic vision screening reports. We hope you enjoy the ease and simplicity of the program! We appreciate your business and sincerely hope you will return for more of our fine products!



Table of contents

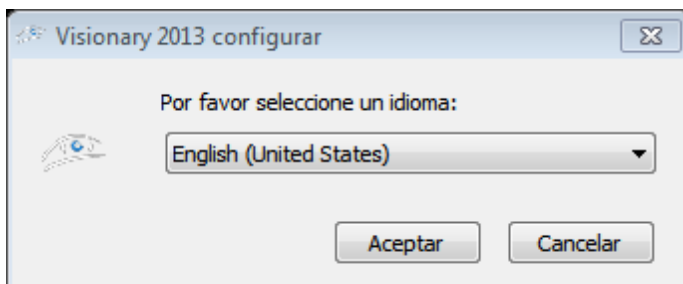
	0
Installation	3
1 General.....	3
2 Configuration.....	6
Introduction	8
1 Keystone View Visionary 2013 Software.....	8
2 System Requirements.....	8
General	10
1 Basics.....	10
Initiating the System	10
Messages	12
Loading	13
Home screen	13
Search	19
Selectors	21
2 Catalog.....	22
Customer	22
Staff	31
Employee	31
Company	33
Location	35
Division	37
Students	38
Student	38
School	40
Educator	41
3 Operations.....	42
Screenings	42
General	42
Examination	46
Data Profile	52
Vision Standard	54
4 Reports.....	56
5 Utilities.....	59
Product Ownership	59
Users	61
Options	64
6 Help	67
Purchase Order	67

1 Installation

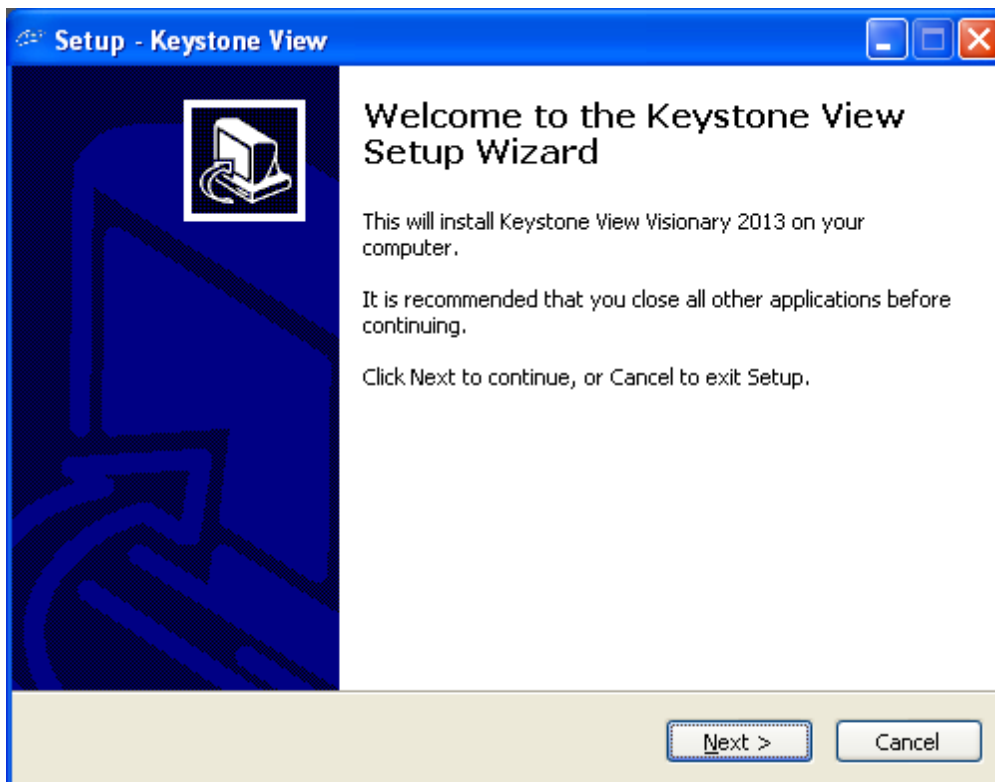
1.1 General

Once you have the Keystone View Visionary 2013 Software (hereinafter may sometimes be referred to as "KVV2013S) setup file, double click the left mouse button to open it. The screen will show a series of images and explain them step-by-step to facilitate the necessary configuration for program operation.

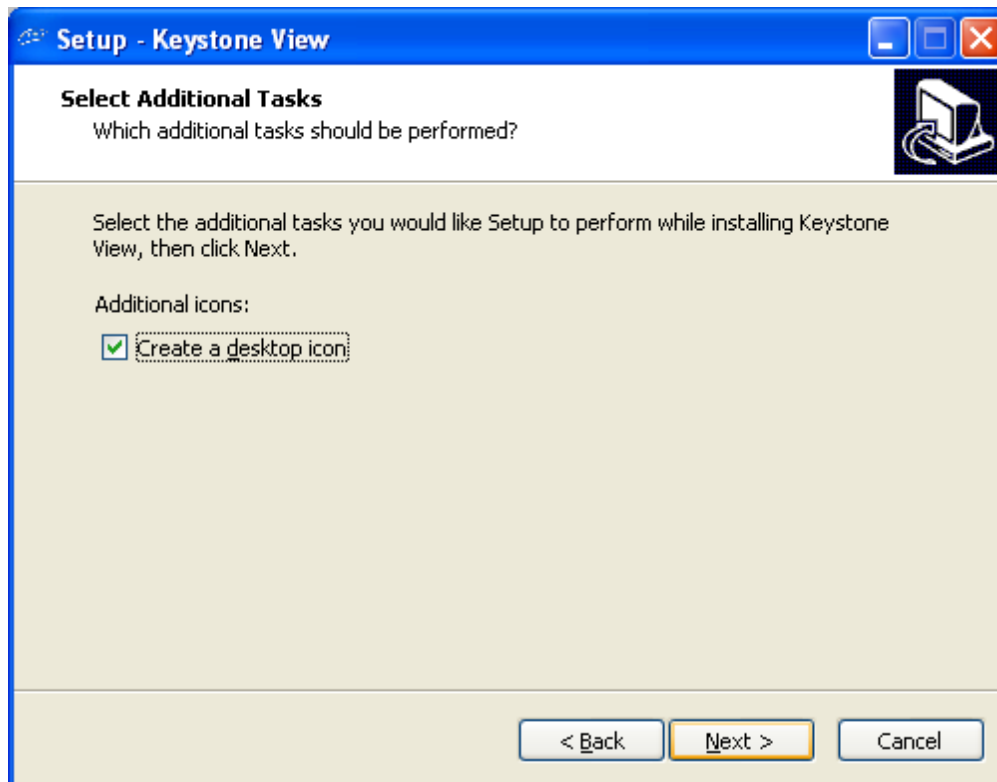
Keystone View Visionary 2013 Software Installation



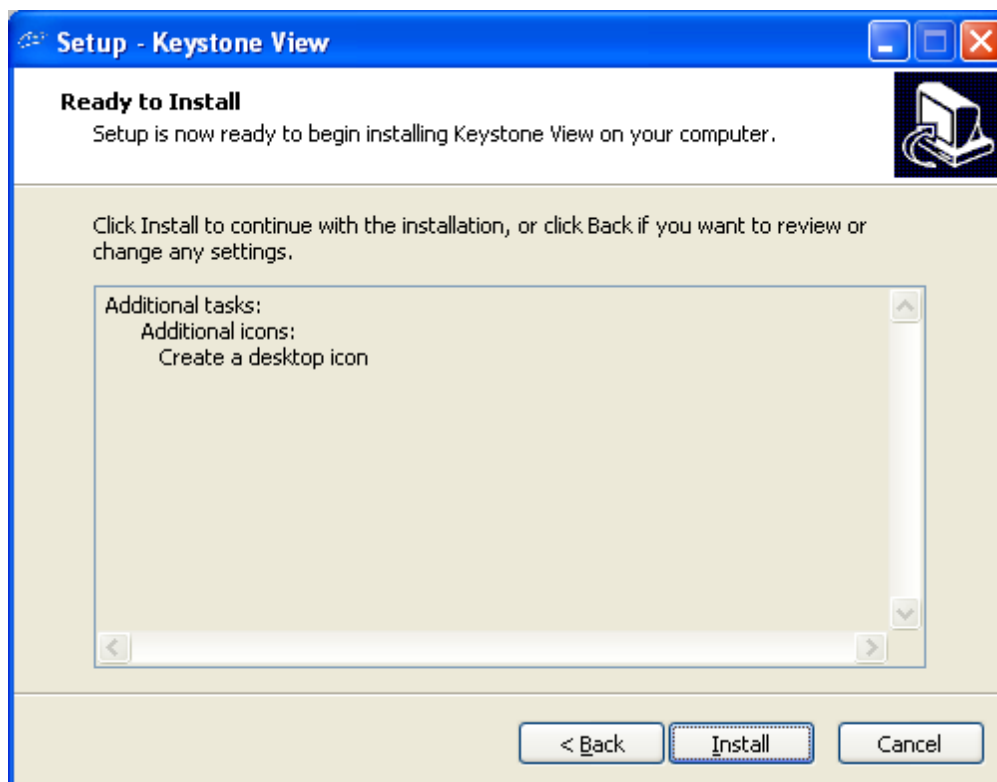
There are five languages available for the installation as shown above. Note that the language selected here is for the installation and setup process, not the Keystone View Visionary 2013 Software. Choose your desired language and click "OK" or "Aceptar".



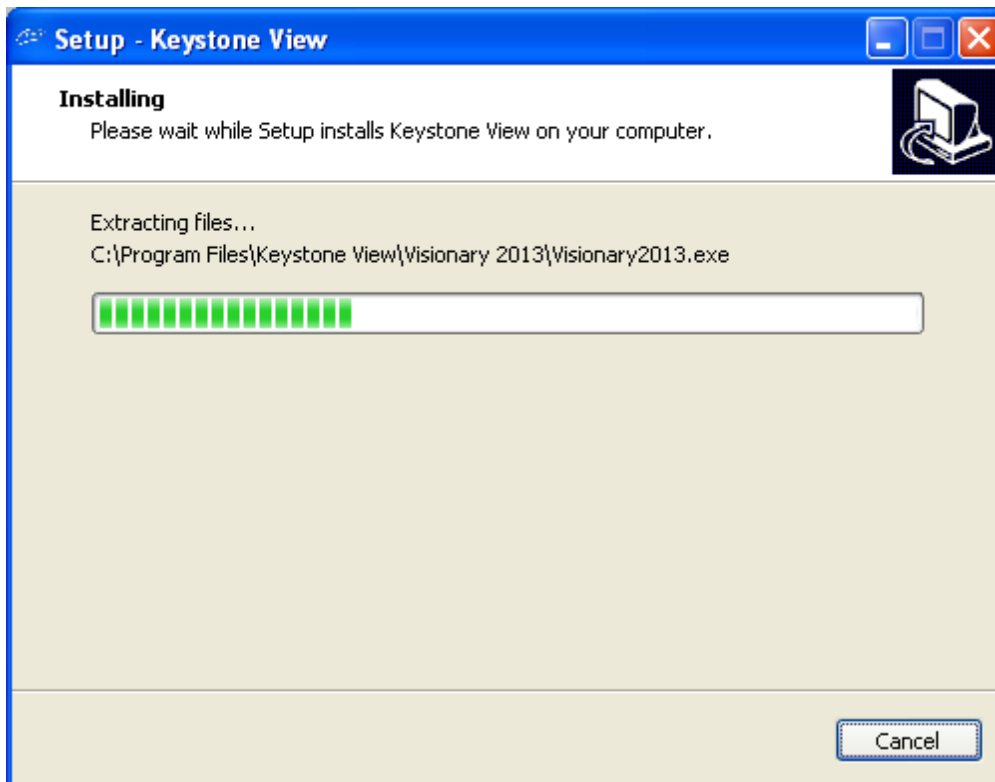
Close all other applications and click "Next".



Click "Next".



Click "Install".



Let the install proceed. This may take several minutes while various components are installed.



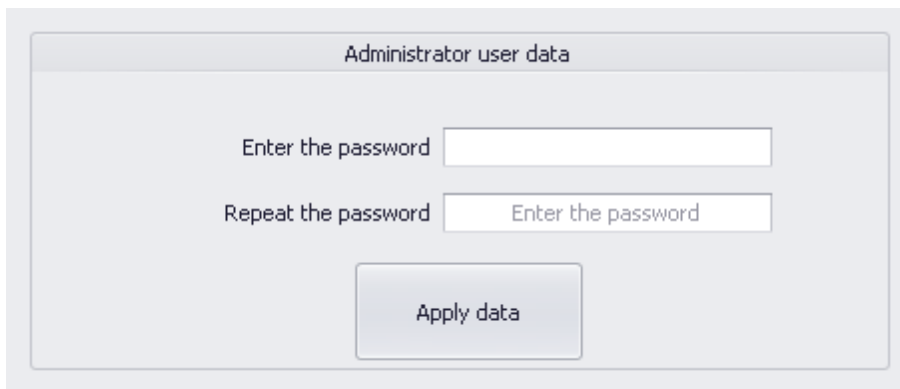
Click "Finish" to close the setup wizard. The application is now ready to run.

1.2 Configuration

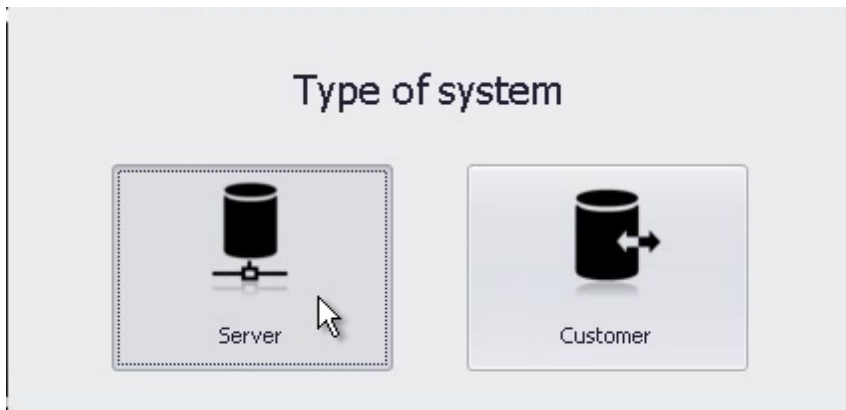
The following series of screens show the initial configuration of the Keystone View Visionary 2013 Software needed when the client executes it for the first time.



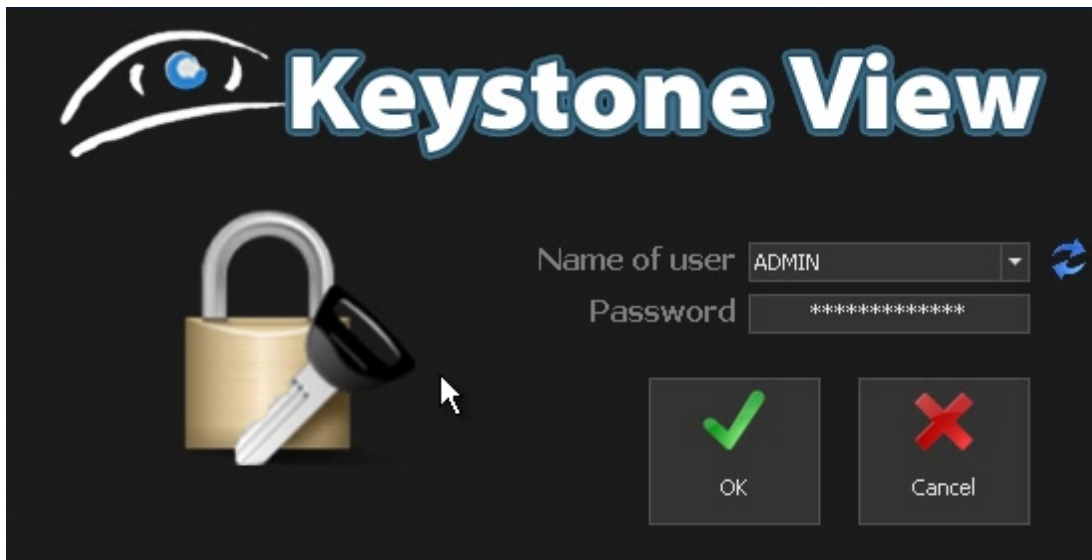
Click "Accept". **Note:** If the Keystone View database does not exist in the MySQL server, the Keystone View Visionary 2013 Software will create one, but will not show this screen.



Choose an Administrator password that must contain characters such as "@, \$, &, %, ?", at least one capital letter, at least one number, some lower case letters, and is a minimum of 8 characters. Enter it and repeat enter it on this screen. This is a very important login password that will be used each time the Keystone View Visionary 2013 Software is accessed. Guard it carefully.



"Type of System" available options: 1) "Server" where an individual computer actually functions as its own server which allows other users to access the database; and 2) "Customer" where an individual computer will connect to a different server for database access, but also has its own database as a backup in case the primary server fails. Click on the option of choice.



In the screen above, type in the Administrator password that was previously chosen. Click "OK". The Keystone View Visionary 2013 Software is ready to use.

2 Introduction

2.1 Keystone View Visionary 2013 Software

The Keystone View Visionary 2013 Software is designed to perform vision screenings using a Keystone View Vision Screener.

THE IMPORTANCE OF VISION SCREENING

Good vision gives us control over and in our environment. A significant portion of all information is acquired through the eyes. It is essential that children have adequate vision to learn well which leads to good overall development. Adults must have good vision for all aspects of their lives. Examples are education, security, sports participation, entertainment enjoyment, personal and professional interactions, everyday activity performance, to name but a few. It is said that in the USA around 40% of the population has some type of visual dysfunction. Fortunately, more than 95% of those cases may be turned around through corrective or therapeutic interventions. Vision screening is one of the ways to attain that rate of success by determining if a person is within the acceptable parameters of good vision or may need more extensive tests or treatments from a vision professional.

2.2 System Requirements

The Keystone View Visionary 2013 Software adapts to the latest Windows graphic design technology. It may only be installed on the following Windows operating systems: Windows XP SP1, Windows Vista, Windows 7, and Windows 8. See the following information:

The system (hardware) requirements for the Keystone View Visionary 2013 Software are:

Windows XP requirements:

Requirements	Minimum	Optimal
Available hard drive space	500 MB	1 GB
RAM	512 MB	1 GB
Video card	128 MB	256 MB
Processor	2.3 GHz	1.7 Ghz dual-core (64 bits)
USB port 2.0	1 Available port	1 Available port

Windows Vista, Windows 7, Windows 8 requirements:

Requirements	Minimum	Optimal
Available hard drive space	1 GB	1.5 GB
RAM	1 GB	2 GB
Video card	256 MB	512 MB
Processor	2.3 GHz	1.7 Ghz dual-core (64 bits)
USB port 2.0	1 Available port	1 Available port

Windows XP, Windows Vista, Windows 7, Windows 8 configuration:

Requirements	Minimum
Screen resolution	1024 x 768 px
Color quality	32 Bits

Note: It is recommended that an internet connection be enabled.

Windows XP, Windows Vista, Windows 7, Windows 8 required applications:

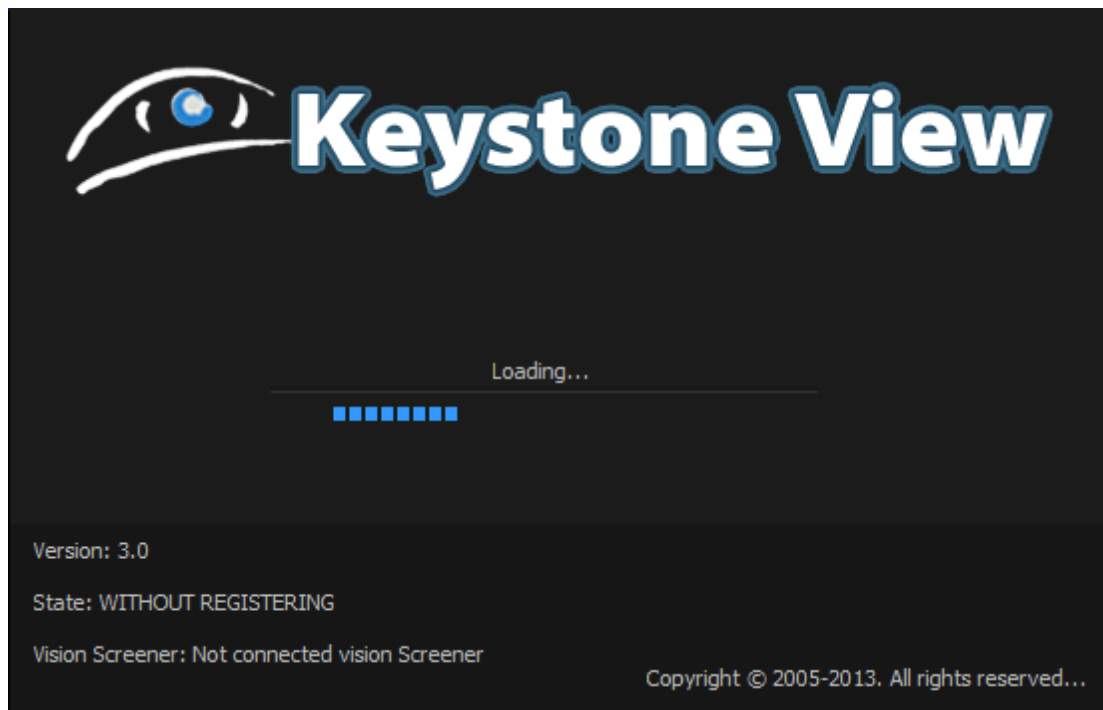
Requirements	Required Version
Windows Installer	3.1
.Net Framework	4
MySQL Server	5.5.10
MySQL .Net connector	6.5.5
Adobe Reader or similar	8.0 or greater
Windows Media Player (or another video player)	11

3 General

3.1 Basics

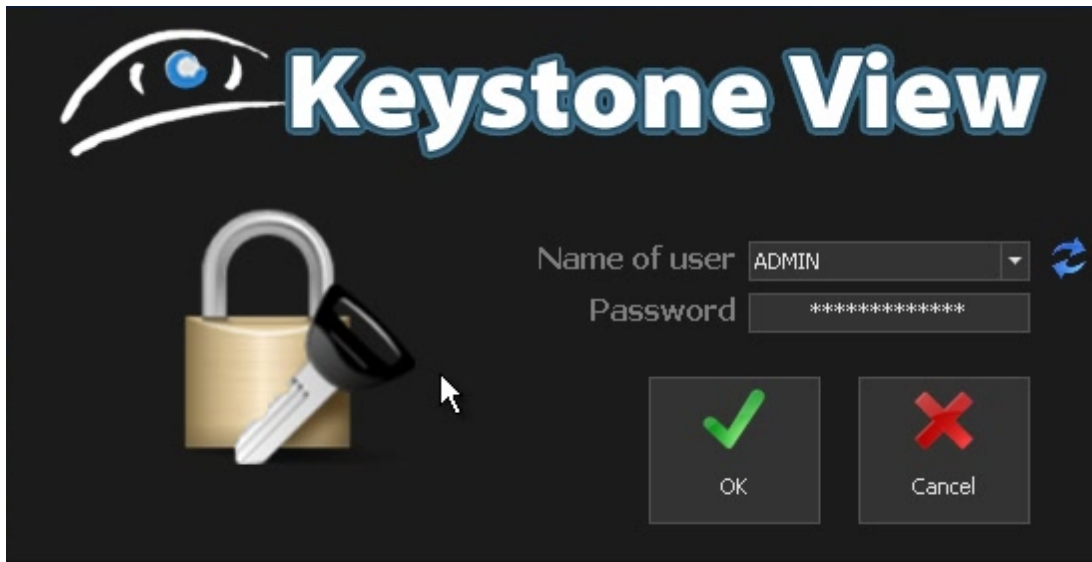
3.1.1 Initiating the System

Home screen




When "Loading" appears in the dialogue box shown above, please wait. The software is initializing information needed for the system to run.

Login screen



In this screen, the necessary user data must be entered for access to the system.

- "Name of user" shows a list of all available users and provides the refresh icon beside the

input area (). The refresh function is to update all the system users when the server connection changes or when the software is started in offline mode.

- "Password" is appropriate to the selected user and must be entered in this text area.

- "OK" button accesses the program.

- "Cancel" button closes the program.

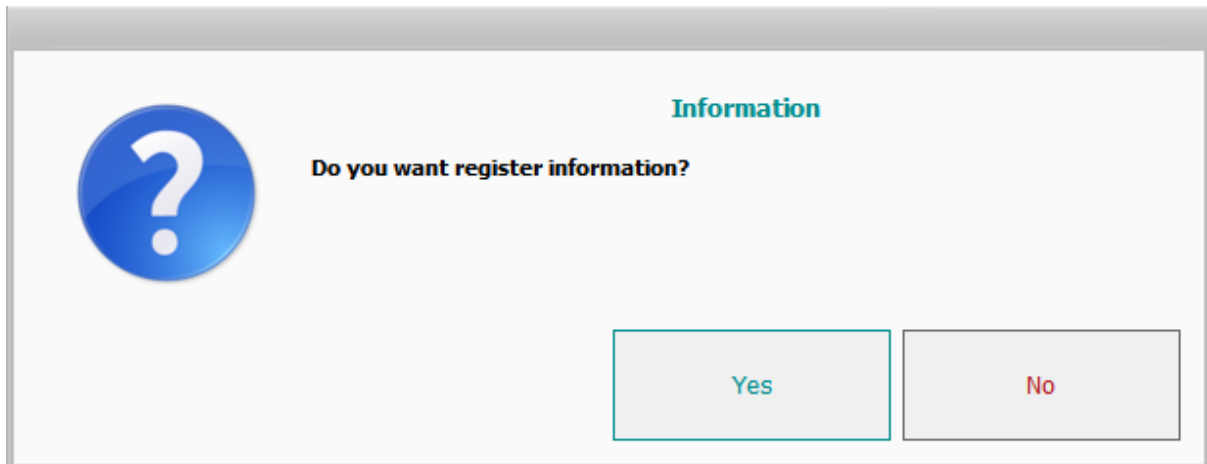
The lower portion of this illustration shows "Advanced Options". These settings provide a way to change the connection made to the MySQL server to initiate offline mode which would be used if the computer is acting as both client and server.

3.1.2 Messages

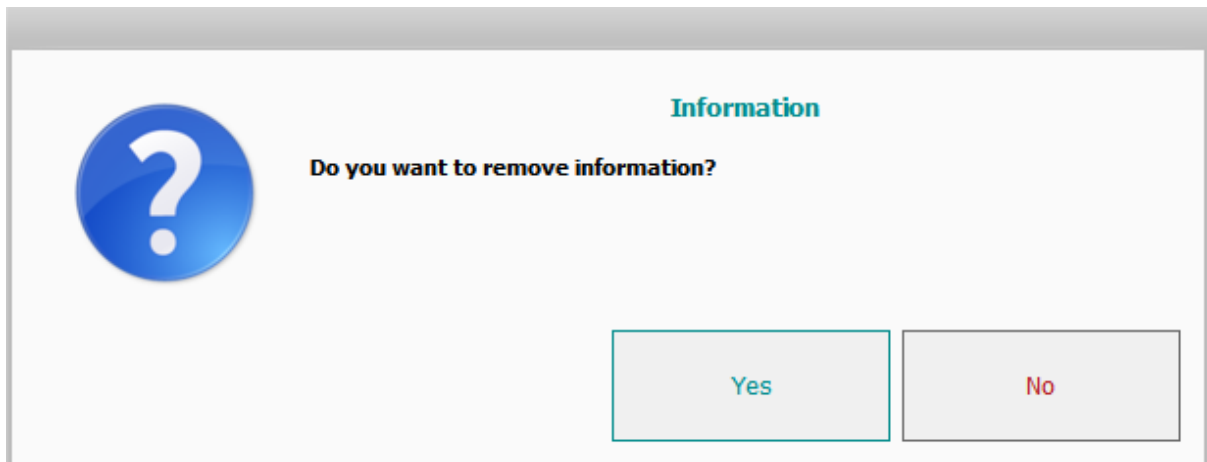
The following three screen illustrations show some types of messages used in the Keystone View Visionary 2013 Software for better comprehension, visualization, and navigation of the program by the end user. There is an option which disables all messages. However, the user should be aware that disabling messages will automatically confirm all messages that require it and hide those messages that only show information.

Note: While messages are disabled, error reports will be sent to Mast Concepts for analysis and automatic software updates will be activated.

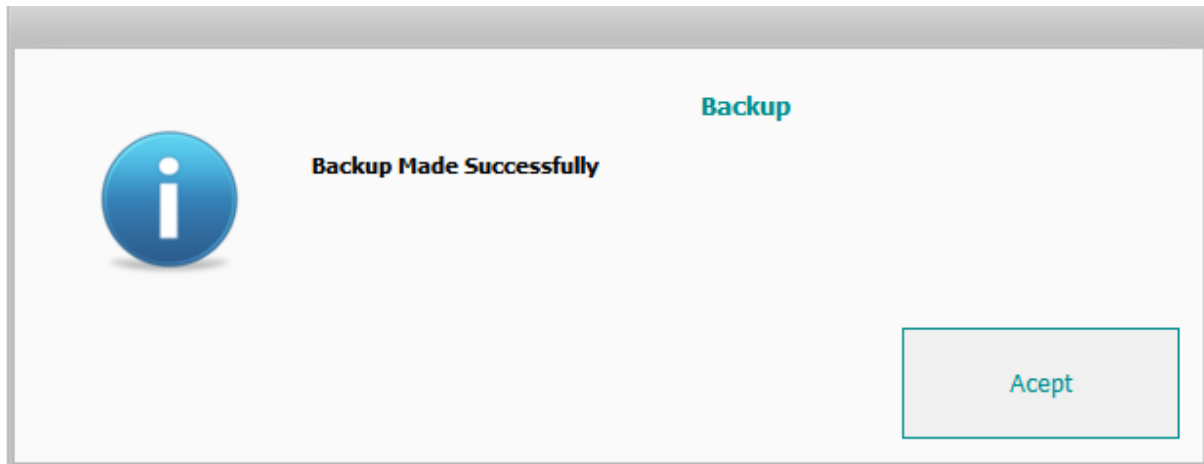
Saved message



Deleting message



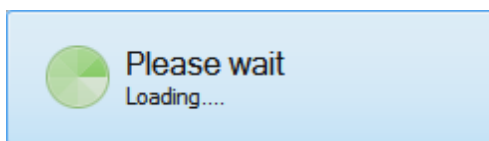
Information message



3.1.3 Loading

Loading screen

This screen is shown while executing actions that influence the system. For that reason, the duration of the loading screen will vary.

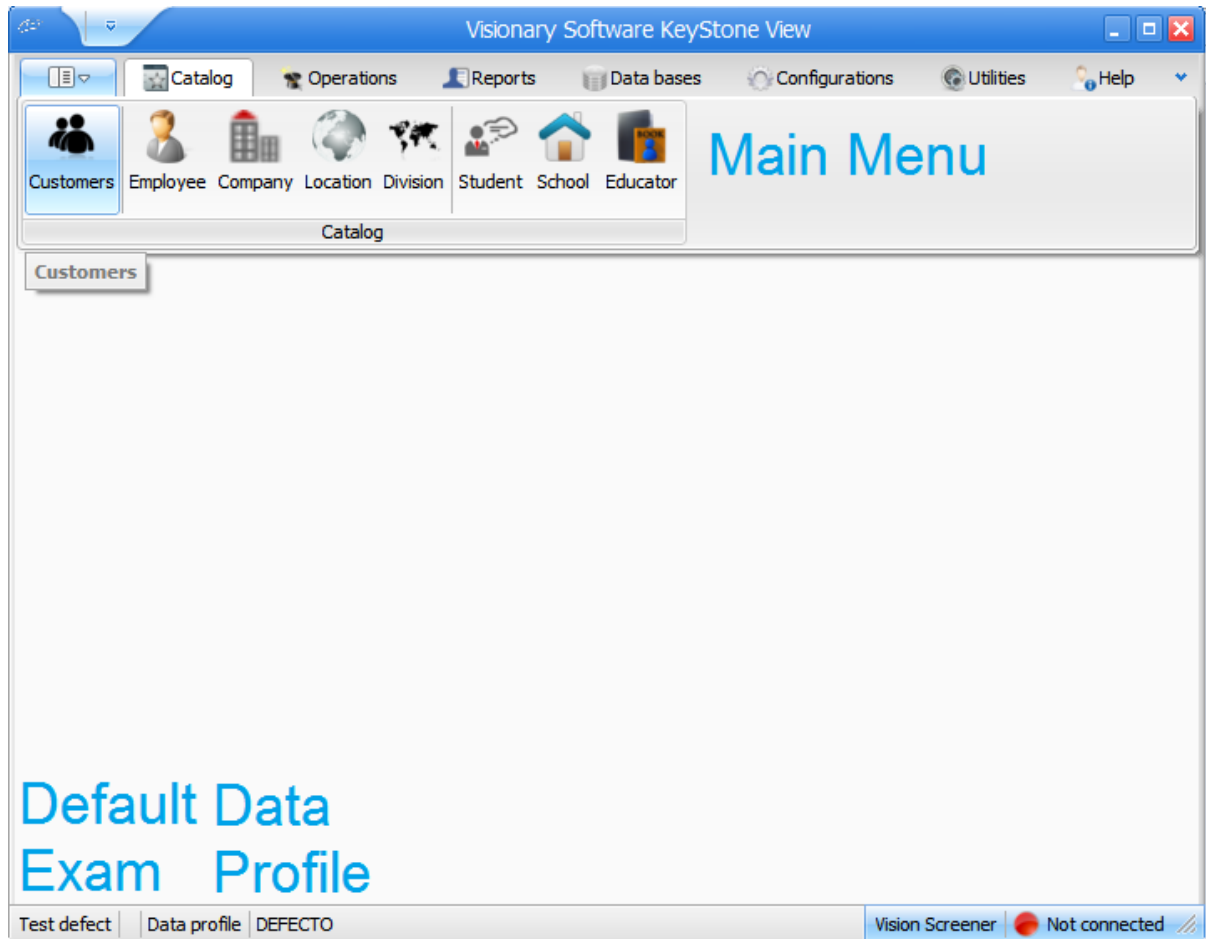


3.1.4 Home screen

The home screen can be shown in two modes. These are configurable for any user without affecting the other users or skins.

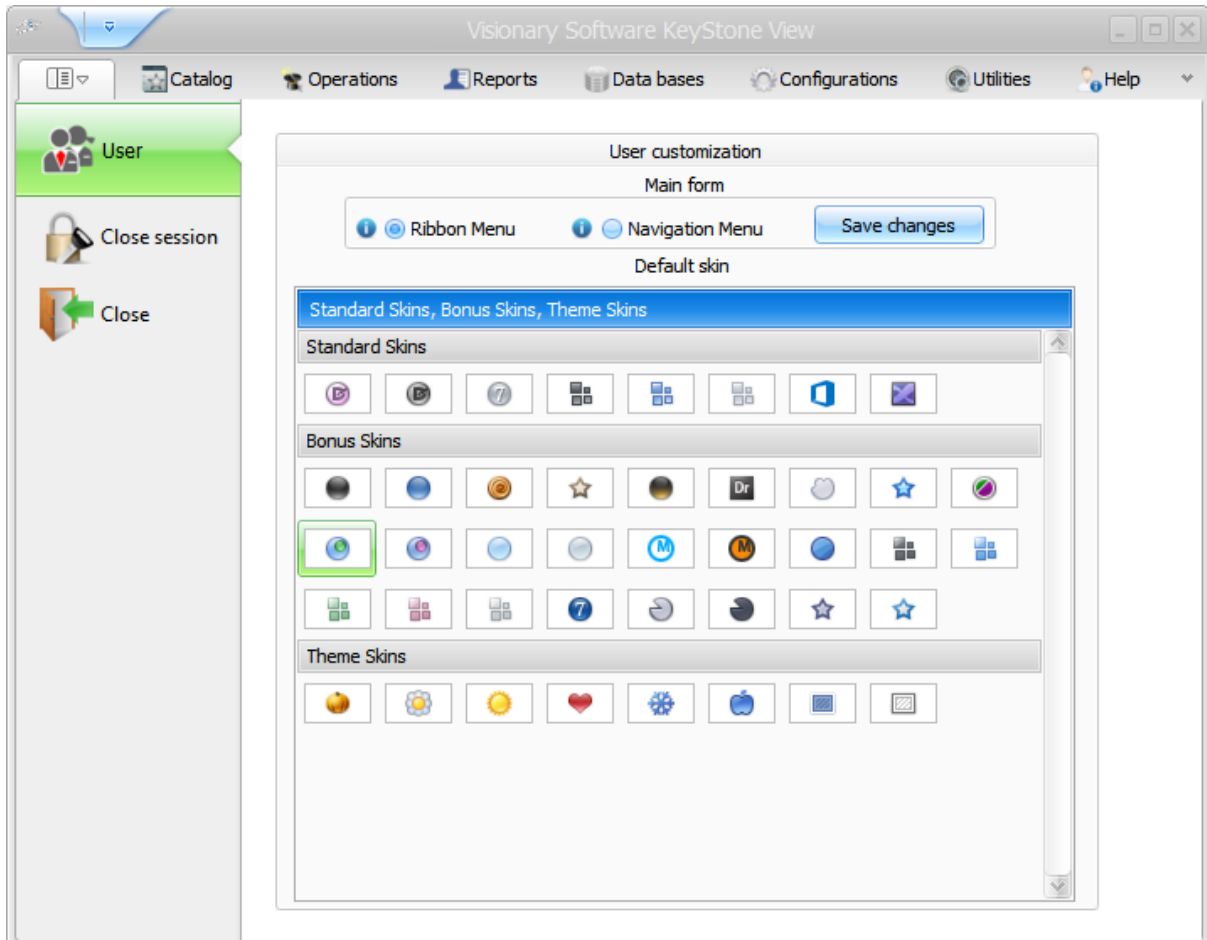
Def: "skins" a visual style or theme that changes the look and feel of the software.

Ribbon tab form mode



Skins

This screen shows a series of skins (themes) that can be selected in order to change the visual appearance and navigation of the Keystone View Visionary 2013 Software to your liking.



Home screen sections:

- Main menu

Shows a series of shortcuts, divided into various categories according to function, to provide easy navigation.

- Default examination

Shows the default examination for the vision screener being used.

Note: If no vision screener is found, the default exam for the standard vision screener is shown.

- Data profile

Shows the data profiles that are permitted to enter client information into the system. These can be changed or defined as needed.

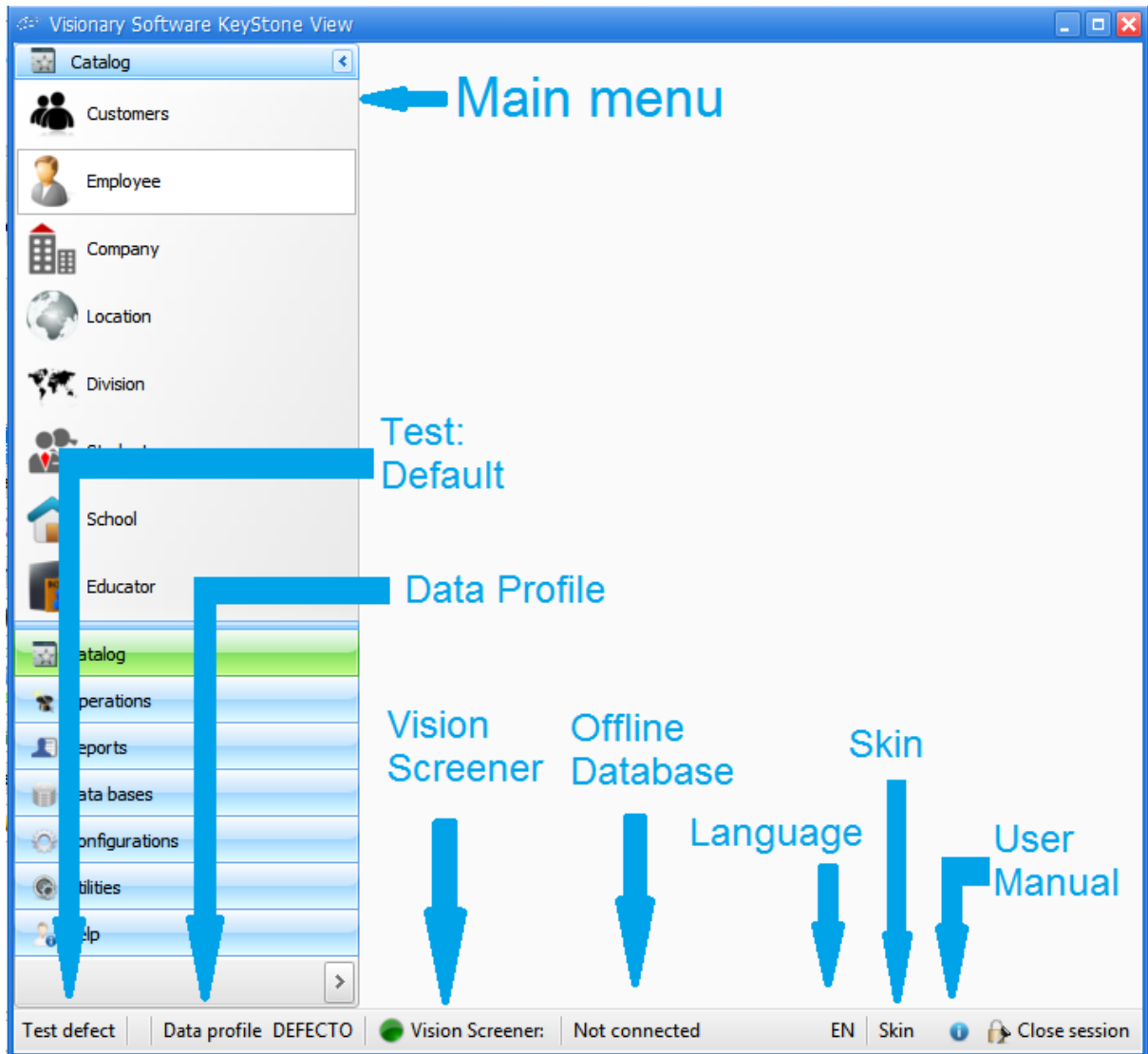
- Vision screener

Shows the vision screener status, and information about the type and model of the vision screener.

- Offline database

Shows the database status, indicating whether it is offline (locally connected) or online (connected to an external server).

Navigation tab form mode



Home screen sections:

- Main menu

Shows a series of shortcuts, divided into various categories according to function, to provide easy navigation.

- Default examination

Shows the default examination for the vision screener being used.

Note: If no vision screener is found, the default exam for the standard vision screener is shown.

- Data profile

Shows the data profiles that are permitted to enter client information into the system. These can be changed or defined as needed.

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Shows the vision screener status, and information about the type and model of the vision screener.

- Offline database

Shows the database status, indicating whether it is offline (locally connected) or online (connected to an external server).

- Skins

Shows a list of skins (themes) that can be selected in order to change the visual appearance and navigation of the Keystone View Visionary 2013 Software to your liking.

- Languages

Shows the list of available languages.

- User manual

Shows a shortcut to the User Manual which can be consulted at any time for help with the Keystone View Visionary 2013 Software.

3.1.5 Search

Search screen

This screen shows the list of data in the system. The data may be filtered or sorted by any field.

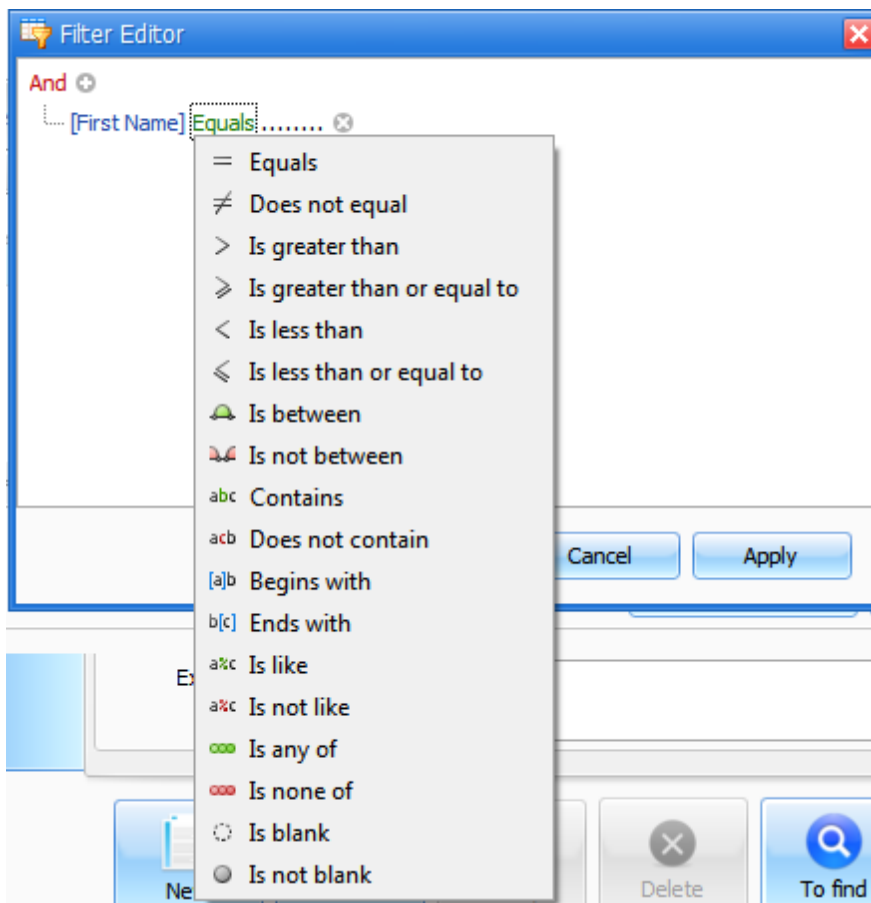
To filter the displayed fields, enter a value in the first row of each column

Drag a column header here to group by that column

	Code	SSN	First Name	Middle Name	Last Name
▼					
	3	12345			
>	1	1		

OK Cancel

There is also an option to create a personalized filter. Clicking the "Edit Filter" button will show a screen like the one following.



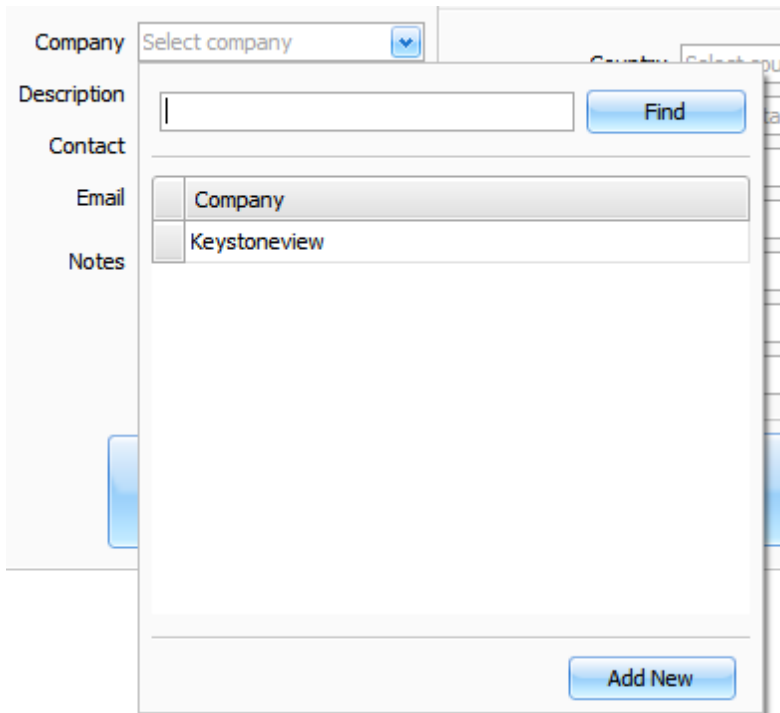
Here you can see the list of options available for constructing a custom filter to more efficiently look for the desired information.

3.1.6 Selectors

Clicking the selector in the space next to the label brings up a window for searching items. At the bottom of the new window, there is a button to add a new item.

Some selectors are:

Company selector



The screenshot shows a dialog box for selecting a company. The dialog has a title bar with a dropdown menu labeled "Select company". Below the title bar, there are several fields and buttons:

- Description:** A text input field with a "Find" button to its right.
- Contact:** A text input field.
- Email:** A list box containing the text "Company".
- Notes:** A list box containing the text "Keystoneview".
- Add New:** A button at the bottom right of the dialog.

Country selector

Country Select country

State Find

City

Zip code

Address

Phone (work)

Phone (Fax)

Delete

Country
Christmas Island
Clipperton Island
Cocos (Keeling) Islands
Colombia
Comoros
Congo, Democratic Republic of the
Congo, Republic of the
Cook Islands
Coral Sea Islands
Costa Rica
Cote d'Ivoire

In some cases (such as in the illustration above), there will not be a button to add a new item because all possible items have already been added or because the number of items has been limited by the system.

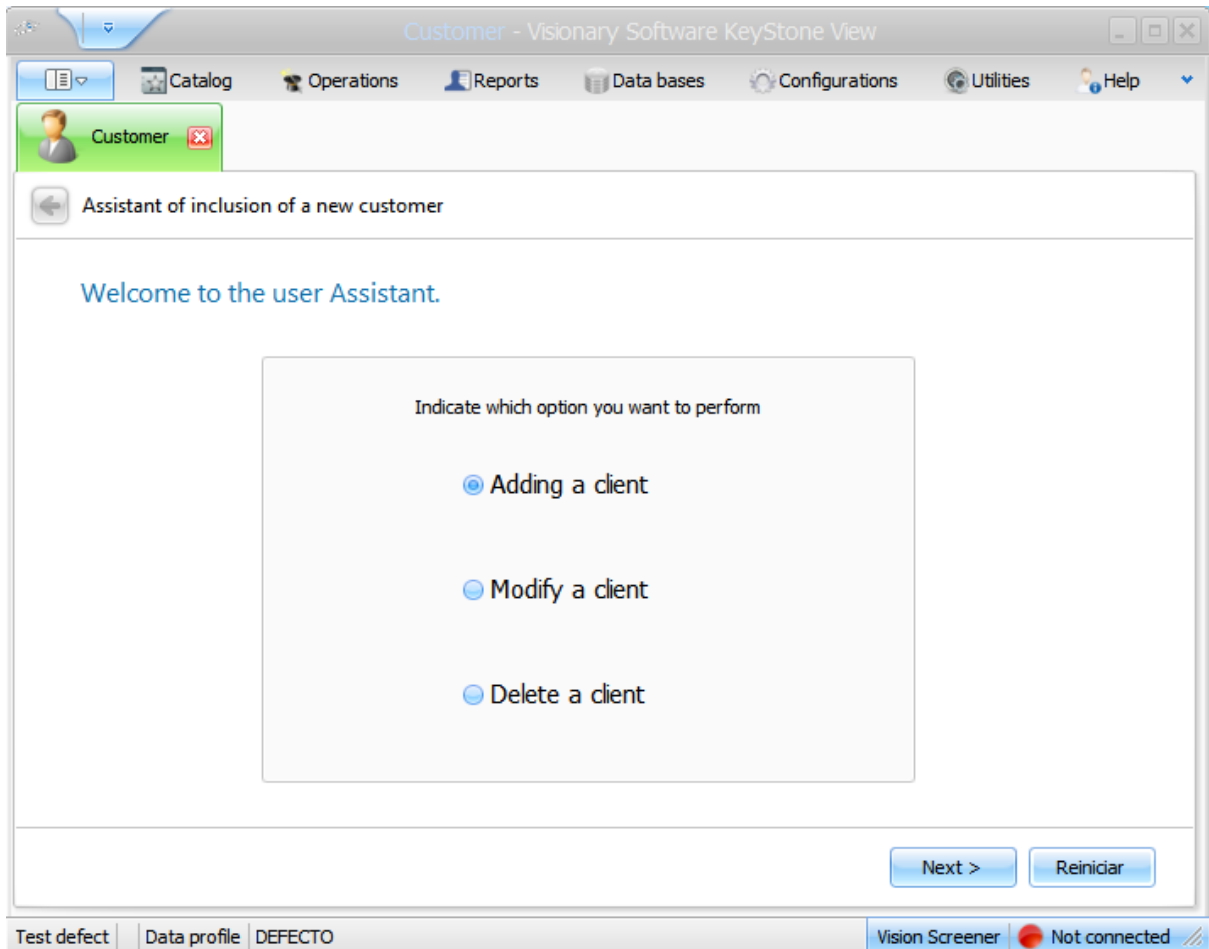
3.2 Catalog

3.2.1 Customer

Customer wizard

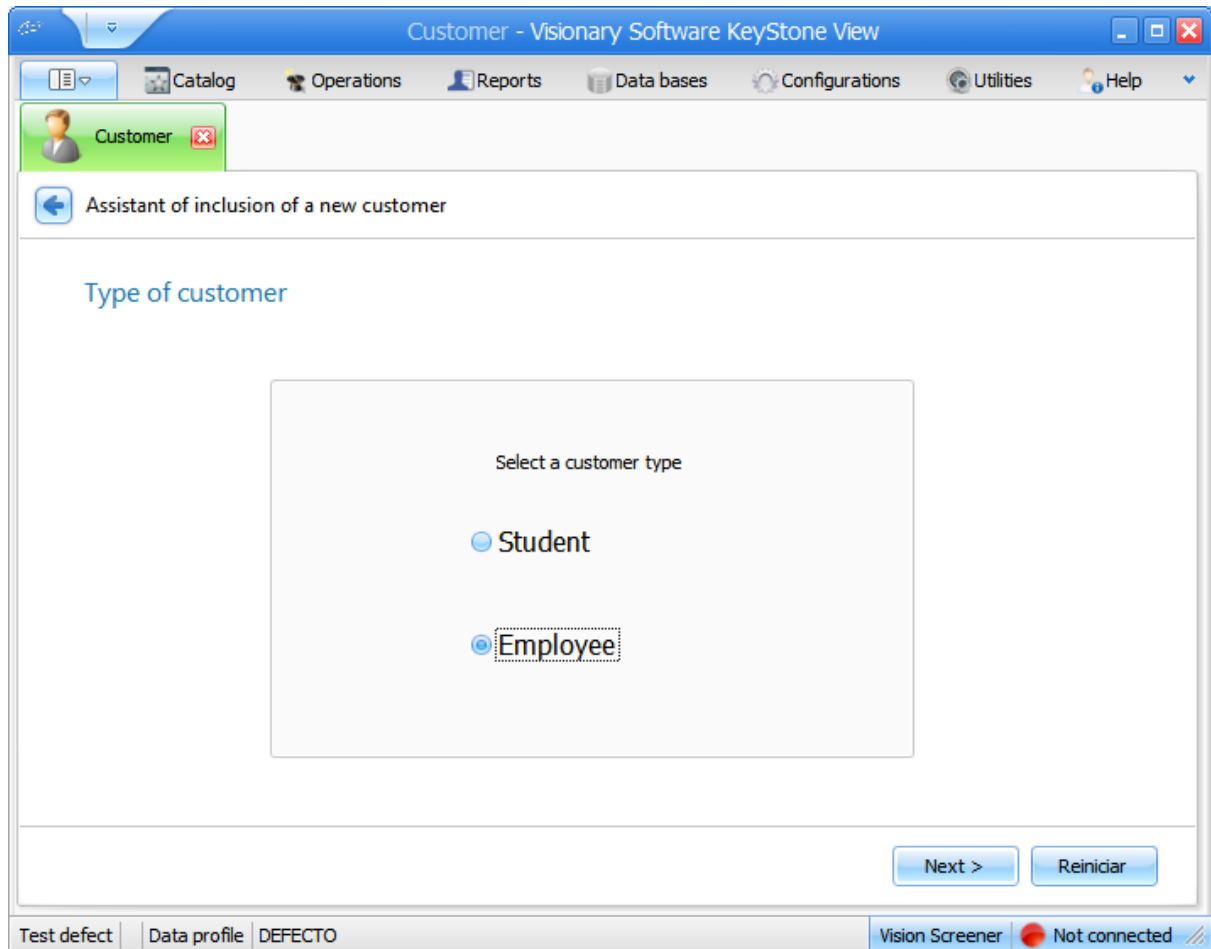
The customer wizard integrates operations for employees (with a company, location, and division) and students (with a teacher and institution). The customer wizard can be used to add, modify, or delete customers.

Action step



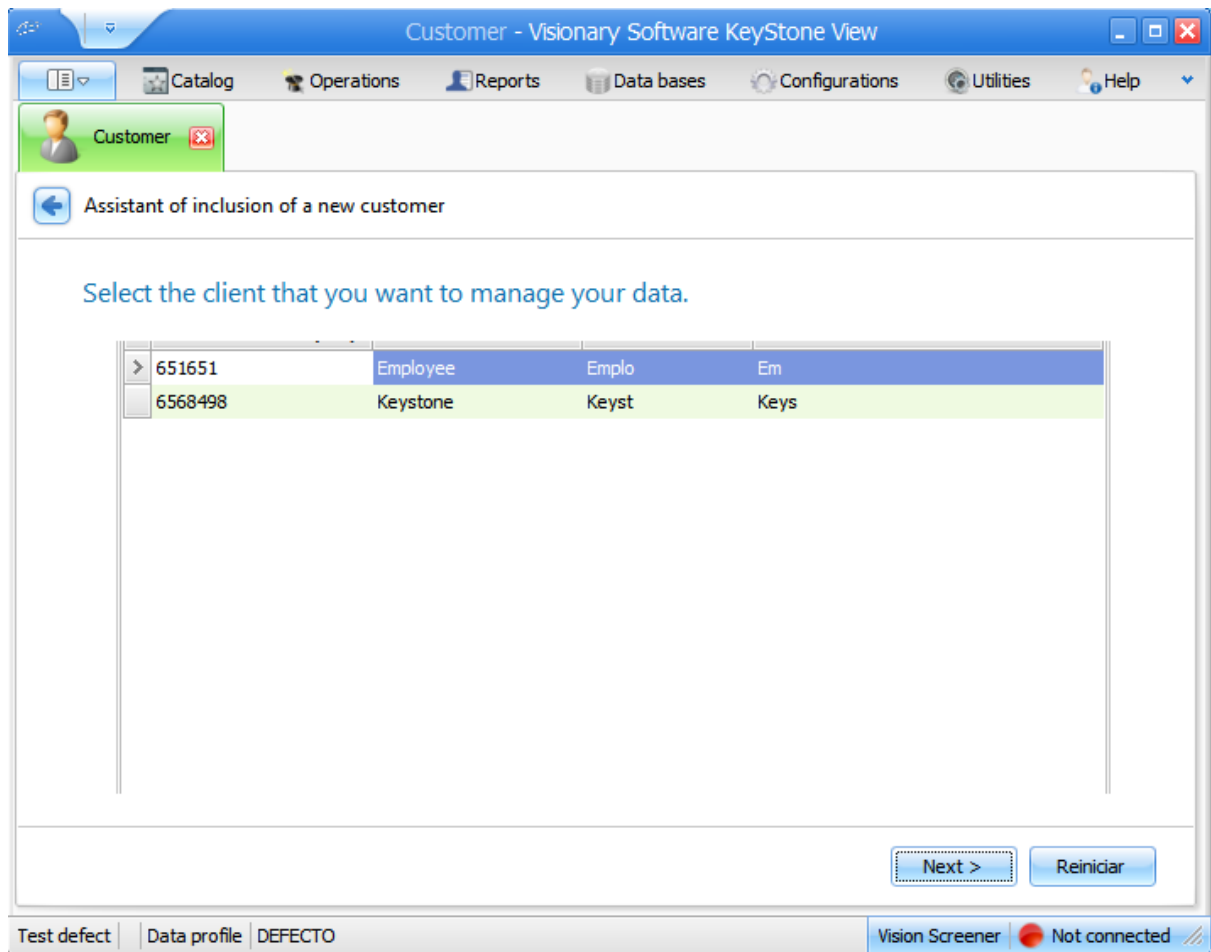
This screen defines the actions that can be performed on clients: add, modify, or delete.

Customer type step



In this step, select the customer type (student or employee) to be screened relative to the action taken on the previous step.

Search step



The search step is shown only if the modify or delete action was selected. It shows the customer list (employees or students) stored in the database. Select the records that you wish to modify or delete.

Personal information step

Customer - Visionary Software Keystone View

Customer [X] ← Screen Tab

← Assistant of inclusion of a new customer ← Assistant Go Back

Customer Personal information

Assistant's Title

Identification Card

Title

First name

Middle Name

Last name

Date of birth

Gender

Geographic location

Country

State

City

Zip code

Exact address

Phone (Local) Ext

Phone (cell) Ext

Next > Reiniciar

Test defect | Data profile | DEFECTO | Vision Screener | Not connected

In this stage of the wizard (guide), personal information may be entered and modified. This step records general information used by both employees and customers.

The various parts of the wizard screen are explained below:

Screen tab

Indicates the name of the currently open tab, and includes an icon for easy identification. If the active tab is no longer necessary, it can be closed by clicking on the "X".

Navigating backwards

Beside the main wizard title is a left arrow button which can be used to navigate backwards in order to enter, revise, or update any information that was entered on previous screens.

Wizard (guide) subtitle

The subtitle that identifies the current stage of the wizard. This subtitle will change at each stage of the wizard.

Required text fields

These are text fields that have been defined as required or optional in the selected Data Profile. Before moving to the next page of the wizard, all required fields must be completed, otherwise an error message will be shown that identifies the fields that must be completed.

Optional text fields

These are text fields that have been disabled by an administrator via the active Data Profile.

Next and restart buttons

When the current step of the wizard has been completed, the user can continue to the next step by clicking the "Next" button. The "Restart" button may be used to completely restart the wizard in cases where there were errors with previous steps or if the user decides to no longer perform the selected action.

Company step

Customer - Visionary Software Keystone View

Assistant of inclusion of a new customer

Information of the company that the client works

Company	Select company	Country	Select country
Supervisor		State	Select State
Division	Select Division	City	
Location	Select location	Zip code	
Department		Address	
Job position		Phone	Ext
Date of recruitment	23/01/2014	Fax	Ext
Cessation date work	23/01/2014		
Marital status			
Driver LIC			

Next > Reiniciar

Test defect | Data profile | DEFECTO | Vision Screener | Not connected

In the above example, we see that all of the fields have been disabled by the active Data Profile. This step of the wizard is requesting Company data. It is only shown when "Employee" is selected as the customer type.

Educational center step

Customer - Visionary Software Keystone View

Assistant of inclusion of a new customer

Educational customer information

Information school

Educational Center

Student number

Contact school

Grade school

Classroom number

Notes

Person in charge of Personal information

Identification Card

Title

First name

Middle Name

Last name

Date of birth

Gender

Email

Responsible for 1

Responsible for 2

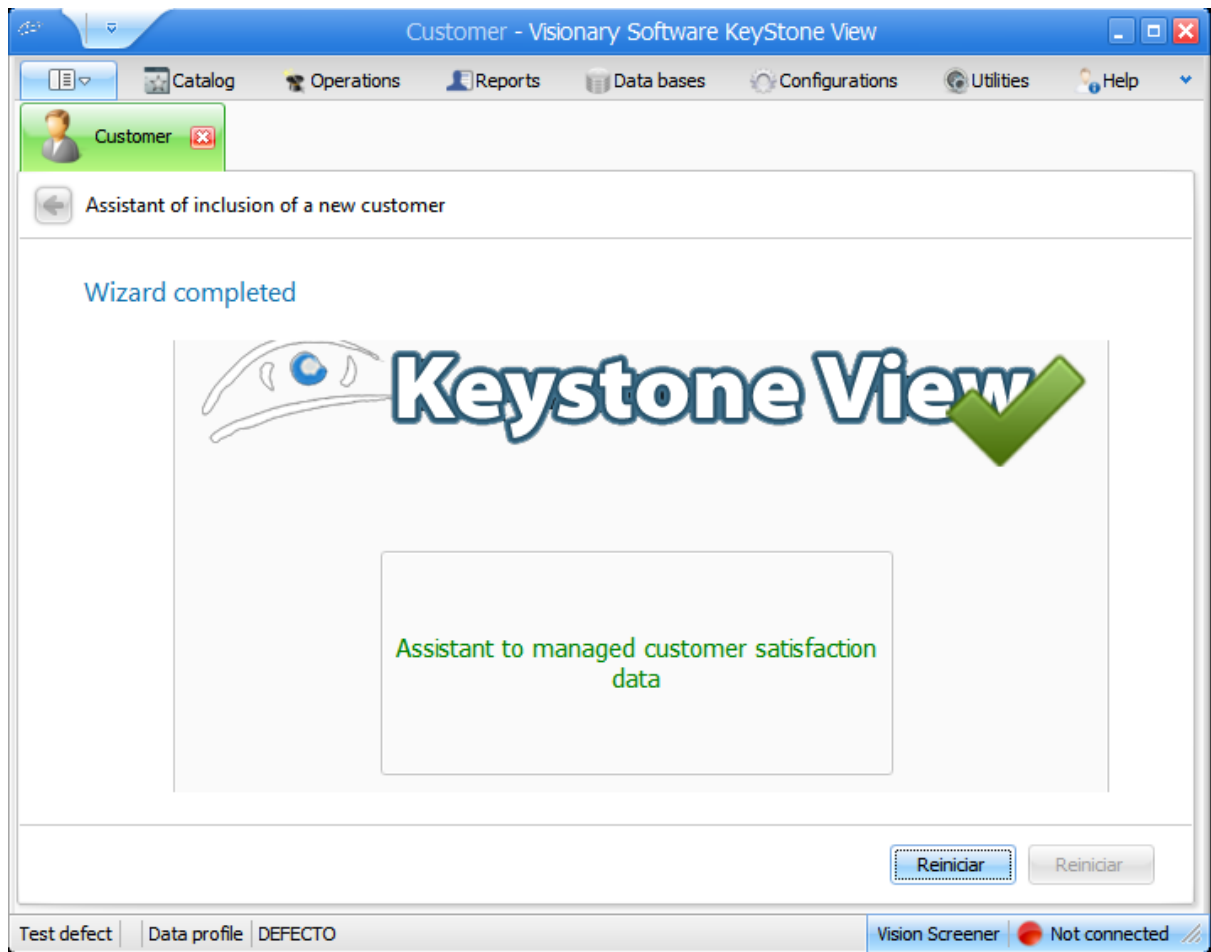
Next > Reiniciar

Test defect | Data profile | DEFECTO

Vision Screener | Not connected

This step of the wizard is shown when "Student" is selected as the customer. It requests information about the student's school / educational center.

Conclusion step

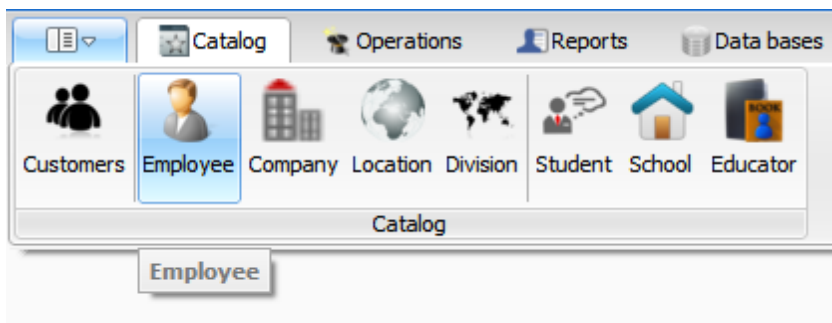


The wizard has finished and saved the data entered in the previous steps. The wizard may now be closed if it is no longer needed, or it may be restarted to begin a new action.

3.2.2 Staff

3.2.2.1 Employee


This part of the Keystone View Visionary 2013 Software stores data about employees. Generally, these functions are used when the vision screenings are designed for use at one or more companies or organizations.




The "Employee" button is located within the "Catalog" tab, next to "Customers". Clicking on "Employee" will bring up the following screen, which is similar to the Customer Wizard, but is specific to employees.

Staff section

N* 000000

 Staff


 Company


Personal information


Identification Card	<input type="text"/>	First name	<input type="text"/>
Middle name	<input type="text"/>	Last name	<input type="text"/>
License driver	<input type="text"/>	Title	<input type="text"/>
Date. Birth	23/01/2014 <input type="button" value="v"/>	Gender	<input type="button" value="v"/>
Marital status	<input type="button" value="v"/>		


Location


Country	Select country <input type="button" value="v"/>	State	Select State <input type="button" value="v"/>
City	<input type="text"/>	Zip code	<input type="text"/>
Phone (Local)	<input type="text"/>	Ext	<input type="text"/>
Phone (cell)	<input type="text"/>	Ext	<input type="text"/>
Exact address	<input type="text"/>		

 New

 Save

 Modify

 Delete

 To find

Company section

N* 000000

Company information

Company

Location

Company

Supervisor

Division

Location

Department

Work

Home recruitment Location recruitment

New

Save

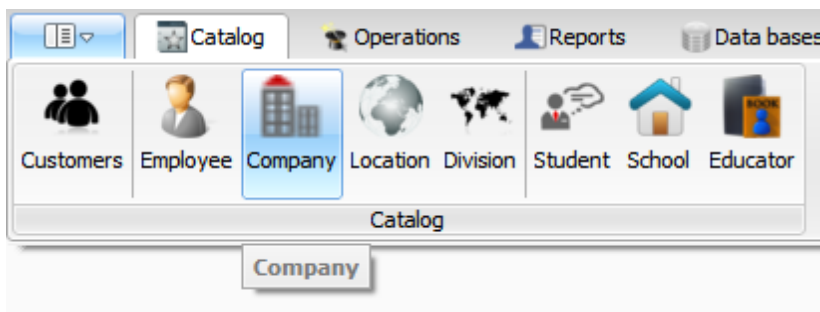
Modify

Delete

To find

3.2.2.2 Company

This part of the Keystone View Visionary 2013 Software stores data for customers who are employed by or have a relationship with a company. Generally, these functions are used when the vision screenings are designed for use at one or more companies or organizations.



The following screens can be accessed from the "Catalog" tab by clicking on "Company".

Company section

Company - Visionary Software Keystone View

Catal Operatio Repor Data bas Configuratio Utiliti H

Company

Company Insurance company **N* 000000**

Company information

Unique ID

Name

Nature

Name contact

Email

Notes

Location

Physics Mail

Country

State

City

Zip code

Address

Phone Ext

Fax Ext

New Save Modify Delete To find

Test defect | Data profile | DEFECTO Vision Screener Not connected

Company insurance section

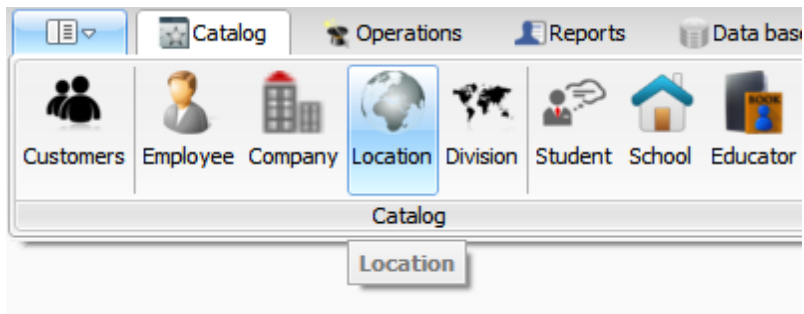
The screenshot displays the 'Company - Visionary Software KeyStone View' application window. The main menu includes 'Catal', 'Operatio', 'Repor', 'Data bas', 'Configuratio', and 'Utiliti'. The 'Company' tab is active, and the 'Insurance company' sub-tab is selected. The main content area is titled 'The insurance information' and contains two columns of input fields:

- Left Column:** Carrier, Contact, Email, Policy Number, Class, Effective Date (23/01/2014), and Expiration date (23/01/2014).
- Right Column (Location of the insurer):** Country (Select country), State (Select State), City, Zip code, Address (with a location pin icon), Phone (with Ext field), and Fax (with Ext field).

At the bottom of the form, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

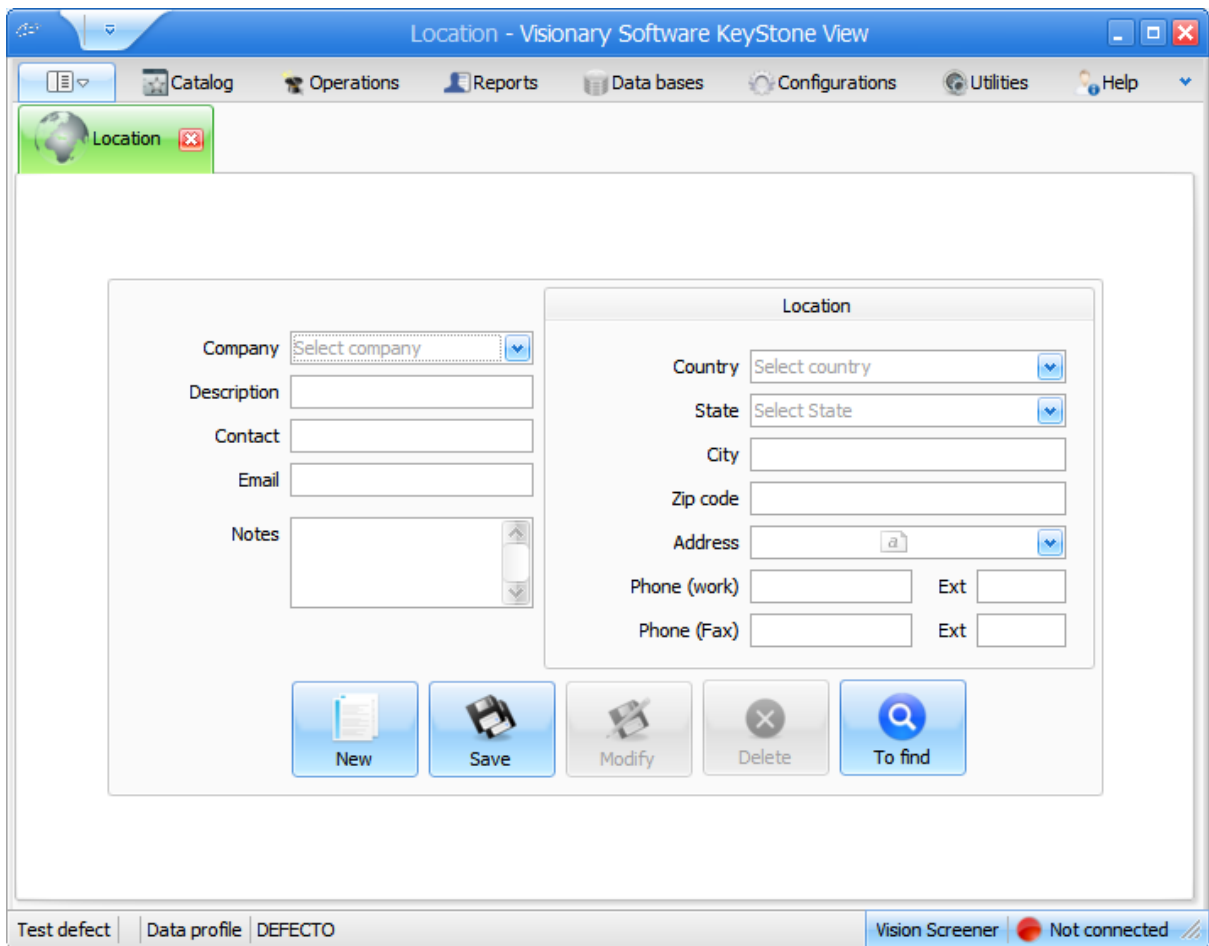
3.2.2.3 Location

This part of the Keystone View Visionary 2013 Software stores location data for customers who are employed by or have a relationship with a company. Generally, these functions are used when the vision screenings are designed for use at one or more companies or organizations.



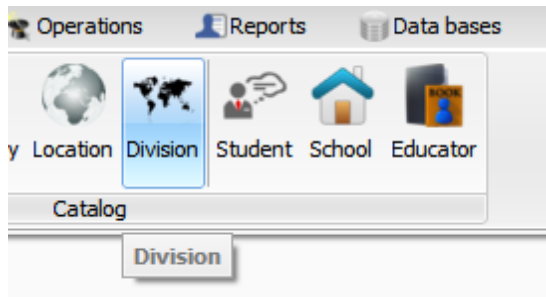
The following screen can be accessed from the "Catalog" tab by clicking on "Location".

Main section

A screenshot of the 'Location' form in the software. The form is titled 'Location - Visionary Software Keystone View'. It has a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. Below the menu bar, there is a 'Location' tab. The form contains several fields: 'Company' (a dropdown menu with 'Select company'), 'Description' (a text box), 'Contact' (a text box), 'Email' (a text box), 'Notes' (a text area), 'Country' (a dropdown menu with 'Select country'), 'State' (a dropdown menu with 'Select State'), 'City' (a text box), 'Zip code' (a text box), 'Address' (a text box with a small 'a' icon and a dropdown arrow), 'Phone (work)' (a text box with an 'Ext' field), and 'Phone (Fax)' (a text box with an 'Ext' field). At the bottom of the form, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

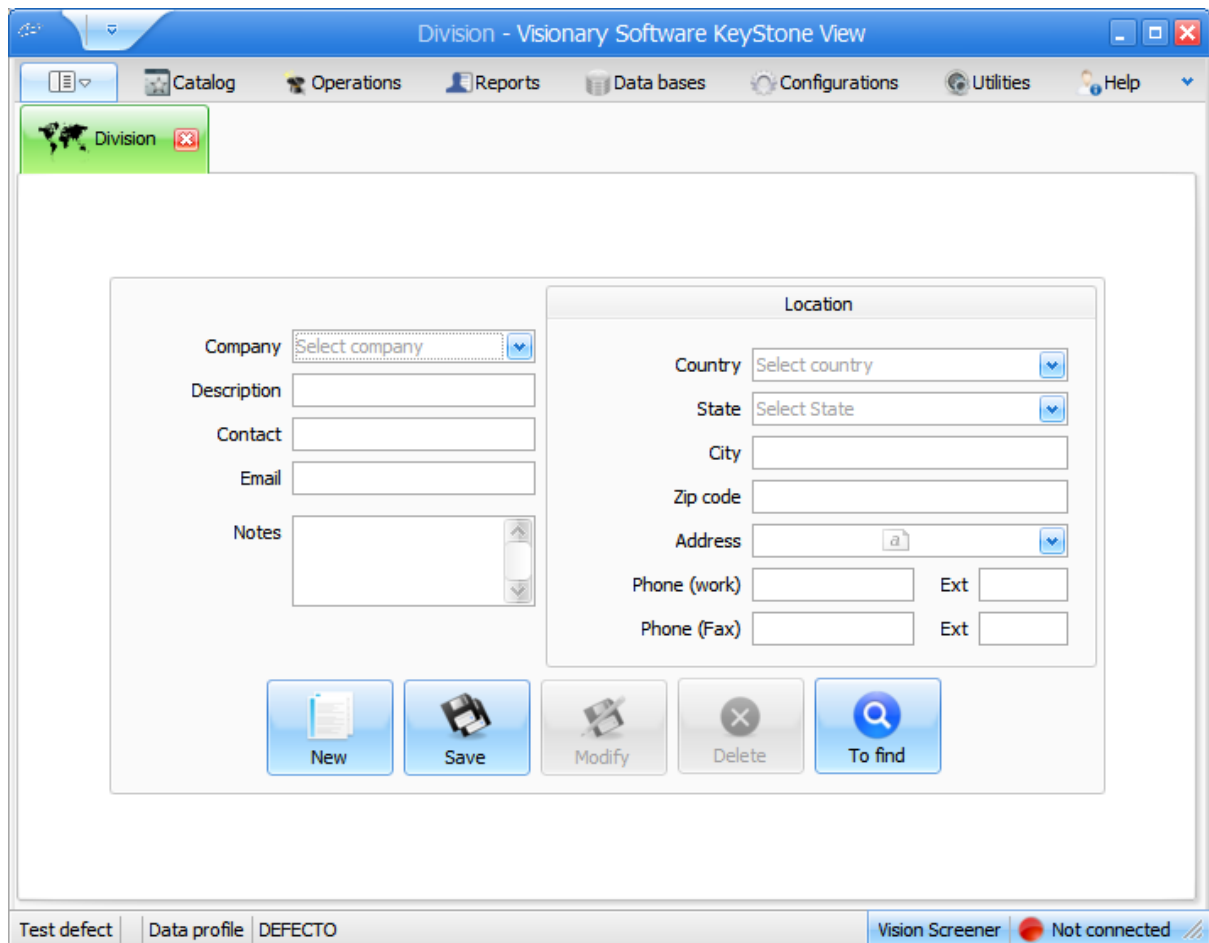
3.2.2.4 Division

This part of the Keystone View Visionary 2013 Software stores company division data for customers who are employed by or have a relationship with a company. Generally, these functions are used when the vision screenings are designed for use at one or more companies or organizations.



The following screen can be accessed from the "Catalog" tab by clicking on "Division".

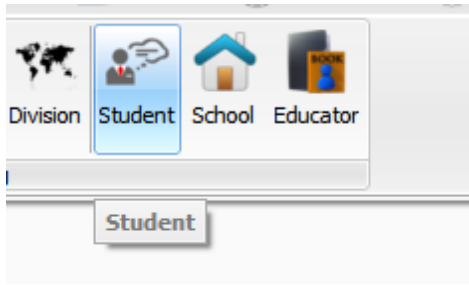
Main section

A screenshot of the 'Division - Visionary Software KeyStone View' main section. The window title is 'Division - Visionary Software KeyStone View'. The menu bar includes 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A 'Division' tab is active. The main area contains a form with two columns. The left column has fields for 'Company' (a dropdown menu with 'Select company'), 'Description', 'Contact', 'Email', and 'Notes'. The right column is titled 'Location' and has fields for 'Country' (dropdown), 'State' (dropdown), 'City', 'Zip code', 'Address' (dropdown), 'Phone (work)', 'Ext', 'Phone (Fax)', and 'Ext'. At the bottom of the form are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

3.2.3 Students

3.2.3.1 Student

This part of the Keystone View Visionary 2013 Software stores data about students. Generally, these functions are used when the vision screenings are designed for use at one or more learning institutions.



The "Student" button is located within the "Catalog" tab. Clicking on "Student" will bring up the following screen, which is similar to the Customer Wizard, but is specific to students.

Main section

 A screenshot of the 'Catalogue of students' form. The window title is 'Catalogue of students - Visionary Software KeyStone View'. The interface includes a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A toolbar at the bottom contains 'New', 'Save', 'Modify', 'Delete', and 'To find' buttons. The form is divided into two main sections: 'Personal data' (highlighted in green) and 'Educational customer information' (highlighted in blue). The 'Personal data' section includes fields for Identification Card, Title, First name, Middle Name, Last name, Date of Birth (set to 23/01/2014), and Gender. The 'Educational customer information' section includes a 'Geographic location' sub-section with fields for Country, State, City, Zip code, Exact address, and Phone (Local/Ext) and Phone (cell/Ext). The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

Educational section

The screenshot displays the 'Catalogue of students' application window. The title bar reads 'Catalogue of students - Visionary Software KeyStone View'. The menu bar includes 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A tab labeled 'Catalogue of students' is active. The main content area is divided into two sections: 'Personal data' (highlighted in blue) and 'Educational customer information' (highlighted in green). Under 'Educational customer information', there are two sub-sections: 'Information school' and 'Person in charge of Personal information'. The 'Information school' section contains fields for 'Educational Center' (a dropdown menu with 'Select school'), 'Student number', 'Contact school', 'Grade school', and 'Classroom number', along with a 'Notes' text area. The 'Person in charge of Personal information' section is further divided into 'Staff' (highlighted in green) and 'Location' (highlighted in blue). It contains fields for 'Identification Card', 'Title', 'First name', 'Middle Name', 'Last name', 'Date. Birth' (with a date of 23/01/2014), 'Gender', and 'Email'. A vertical bar on the left of this section is labeled 'Responsible for 1' and 'Responsible for 2'. At the bottom of the main content area, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

Personal data

Educational customer information

Information school

Educational Center

Student number

Contact school

Grade school

Classroom number

Notes

Responsible for 1

Responsible for 2

Staff

Location

Person in charge of Personal information

Identification Card

Title

First name

Middle Name

Last name

Date. Birth

Gender

Email

New Save Modify Delete To find

Test defect | Data profile | DEFECTO | Vision Screener | Not connected

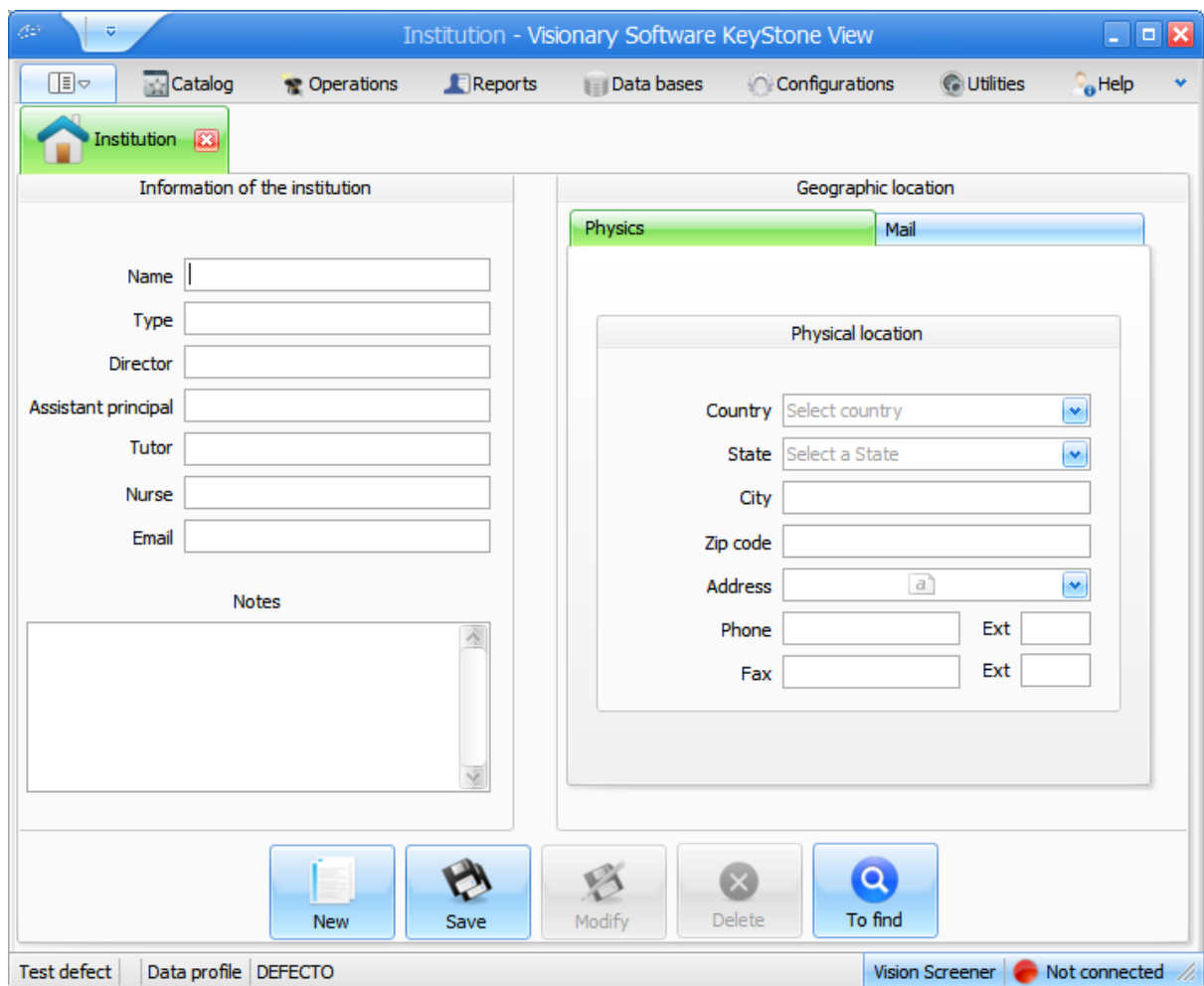
3.2.3.2 School

This part of the Keystone View Visionary 2013 Software stores data about schools. Generally, these functions are used when the vision screenings are designed for use at one or more learning institutions.



The "School" button is located within the "Catalog" tab. Clicking on "School" will bring up the following screen.

Main section



Institution - Visionary Software KeyStone View

Information of the institution

Name

Type

Director

Assistant principal

Tutor

Nurse

Email

Notes

Geographic location

Physics Mail

Physical location

Country

State

City

Zip code

Address

Phone Ext

Fax Ext

New Save Modify Delete To find

Test defect Data profile DEFECTO Vision Screener Not connected

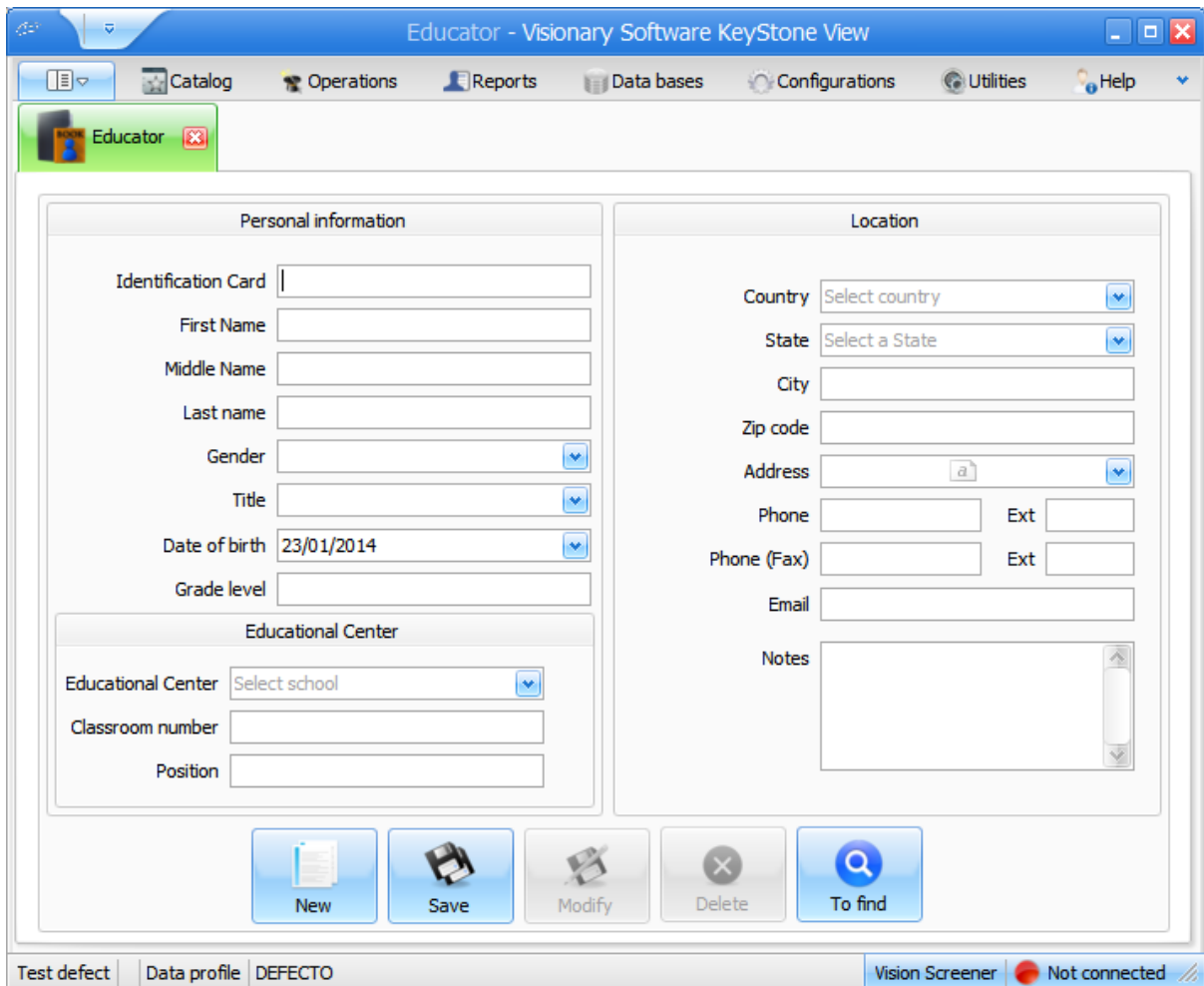
3.2.3.3 Educator

This part of the Keystone View Visionary 2013 Software stores data about educators. Generally, these functions are used when the vision screenings are designed for use at one or more learning institutions.



The "Educator" button is located within the "Catalog" tab. Clicking on "Educator" will bring up the following screen.

Main section

A screenshot of the 'Educator - Visionary Software KeyStone View' application window. The window title is 'Educator - Visionary Software KeyStone View'. The interface includes a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A toolbar at the top left contains a 'New' button (document icon), a 'Save' button (floppy disk icon), a 'Modify' button (wrench icon), a 'Delete' button (trash can icon), and a 'To find' button (magnifying glass icon). The main content area is divided into two columns: 'Personal information' and 'Location'.
Personal information:
- Identification Card:
- First Name:
- Middle Name:
- Last name:
- Gender: (dropdown)
- Title: (dropdown)
- Date of birth: 23/01/2014 (dropdown)
- Grade level:
Educational Center:
- Educational Center: Select school (dropdown)
- Classroom number:
- Position:
Location:
- Country: Select country (dropdown)
- State: Select a State (dropdown)
- City:
- Zip code:
- Address: (dropdown)
- Phone: Ext:
- Phone (Fax): Ext:
- Email:
- Notes:
At the bottom, there is a status bar with 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

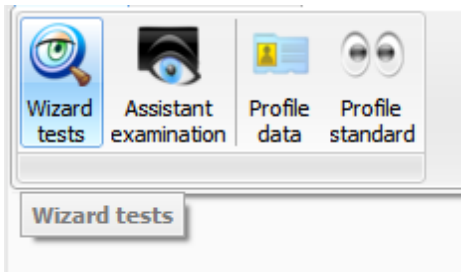
3.3 Operations

3.3.1 Screenings

3.3.1.1 General

Test wizard

The Keystone View Visionary 2013 Software has the ability to create custom vision screenings. A series of "tests" can be chosen to create an "exam" to perform the screening.



The Test Wizard is located in the "Operations" category.

Initiating the screening

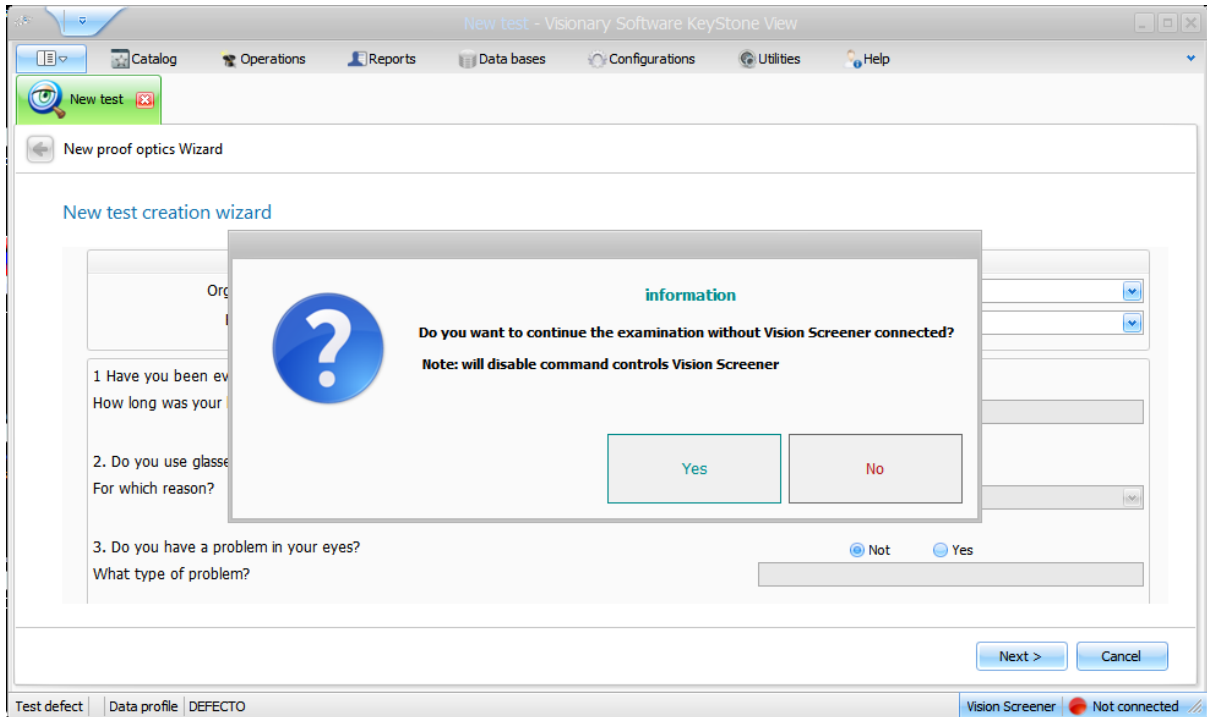
 A screenshot of a software window titled 'New test - Visionary Software KeyStone View'. The window has a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. Below the menu bar is a 'New test' button. The main area is titled 'New proof optics Wizard' and contains a 'New test creation wizard' section. This section has a 'General information' header and several input fields: 'Organization' (dropdown), 'Examined' (dropdown), 'Review' (dropdown), and 'Standard' (dropdown). Below these are three numbered questions with radio button options for 'Not' and 'Yes':

1. Have you been ever examined by an optical specialist? How long was your last exam? (Radio buttons: Not, Yes; Input field)
2. Do you use glasses or contact lenses? For which reason? (Radio buttons: Not, Yes; Input field)
3. Do you have a problem in your eyes? What type of problem? (Radio buttons: Not, Yes; Input field)

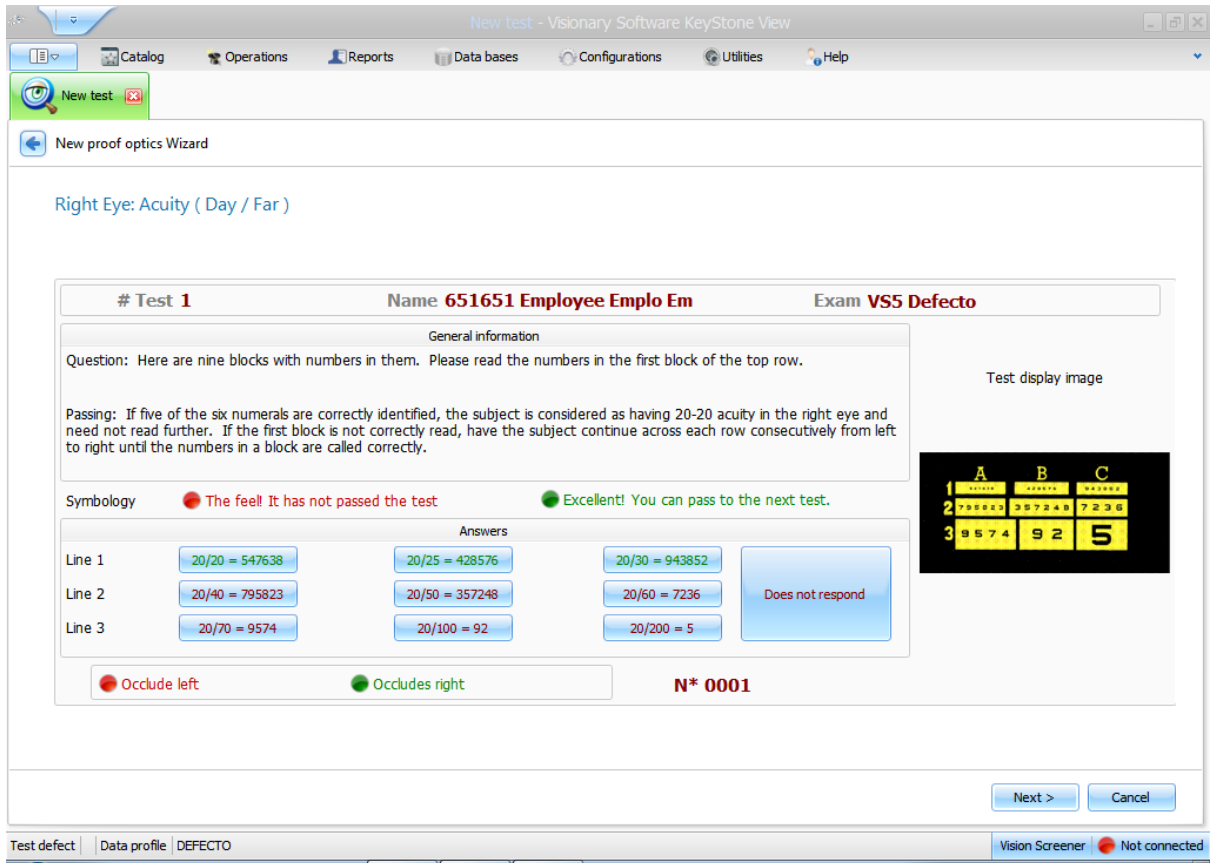
 At the bottom right of the wizard are 'Next >' and 'Cancel' buttons. The status bar at the bottom shows 'Test defect | Data profile | DEFECTO' and 'Vision Screener Not connected'.

This section is essential because it indicates which tests to conduct and how they will be evaluated. Information about the customer's vision history is also recorded here.

Tests section



This screen will be shown if the vision screener is not connected to the computer.



The above illustration shows how a test is displayed while performing a vision screening. At the top is the number of the current test, the client name, and the name of the type of screening in progress.

To the left of the illustration is the question and then direction to the examinee, followed by the "passing" standard and continued directions to the examiner should the client fail. Below that is the line for selecting "Pass" or "Fail" and then the rows and columns containing the correct answers. Next are the occlusion markers showing which eye is being tested and, finally, the test number again. On the right is a smaller illustration showing the test image as the examinee is viewing it.

Test conclusion section

The screenshot shows the 'New proof optics Wizard' interface. At the top, it says 'Test completed successfully'. Below this, test details are shown: '# Test 1', 'Name 651651 Employee Emplo Em', 'Standard Defecto', 'Date THURSDAY, JANUARY 23, 2014', and 'Review VSS Defecto'. A table lists the test results:

Name of the test	Luminosity	Distance	State	Result
> Right Eye: Acuity	Day	Far	✘	Do not pass the test: 20/50
Left Eye: Acuity	Day	Far	✔	It passes the test: 20/25

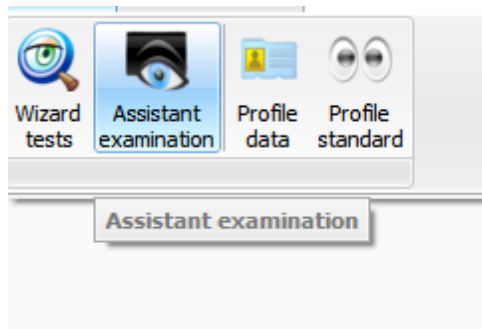
Below the table, a 'Conclusion' section contains the text: 'A FREAK result message indicates the status of the examined eye is below the standards of healthy vision. The examinee must refer to a specialist.' There is a 'Notes:' field with a text area and a 'Save and print' button. At the bottom right, there are 'Guardar la Prueba' and 'Cancel' buttons. The status bar at the bottom shows 'Test defect', 'Data profile | DEFECTO', and 'Vision Screener Not connected'.

This is the final screen of the Keystone View Visionary 2013 Software test wizard, which will show the data selected at the beginning such as customer name, type of screening and the standard used in the exam. It also shows a list of all tests performed, along with their status, and provides a text area for notes. *Note that if the test(s) are failed, a suggestion to visit a vision specialist of the examinee's choice could/should be offered.*

3.3.2 Examination

Test wizard

In the section, the Keystone View Visionary 2013 Software allows the user to select a series of "tests" to create a custom screening.



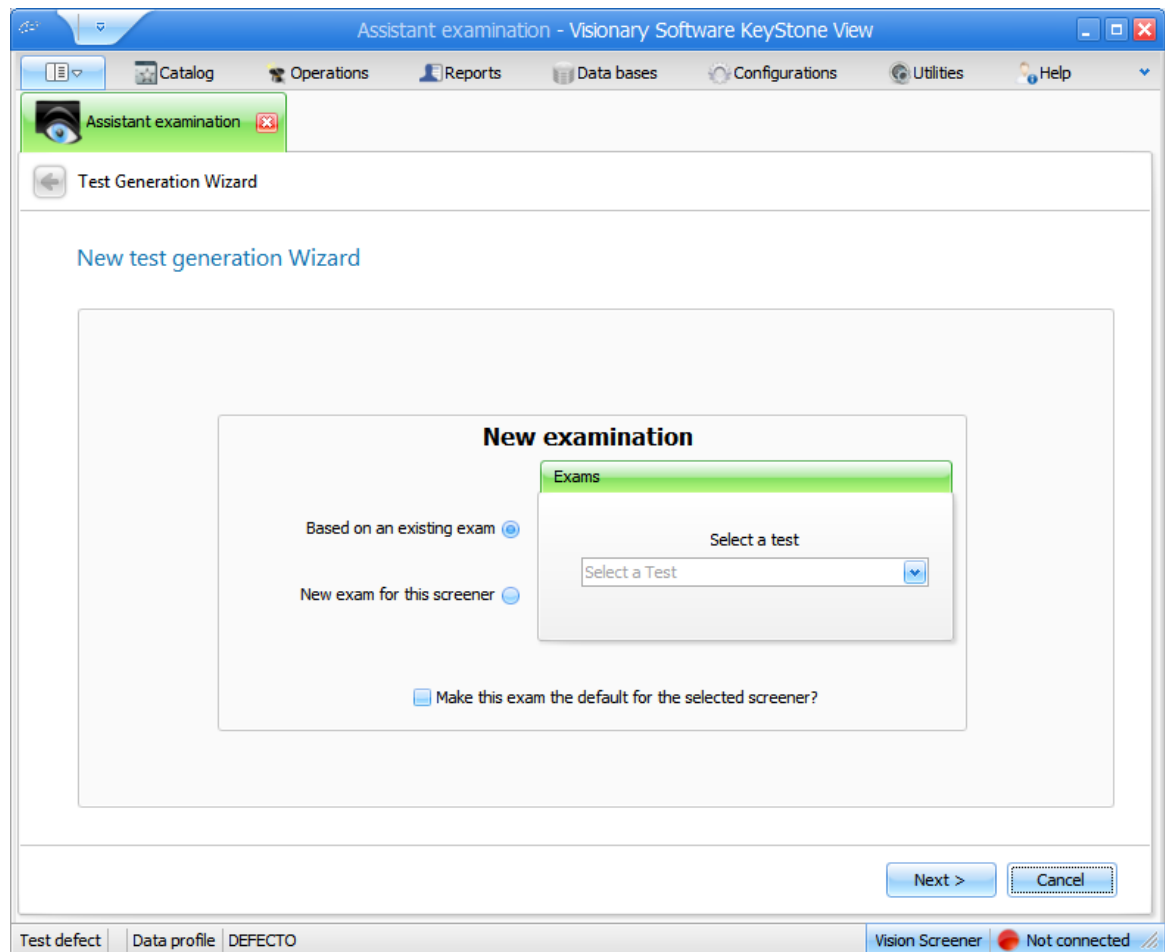
From the "Operations" tab, select "Test Wizard".

Initiate new screening

Based upon an existing screening

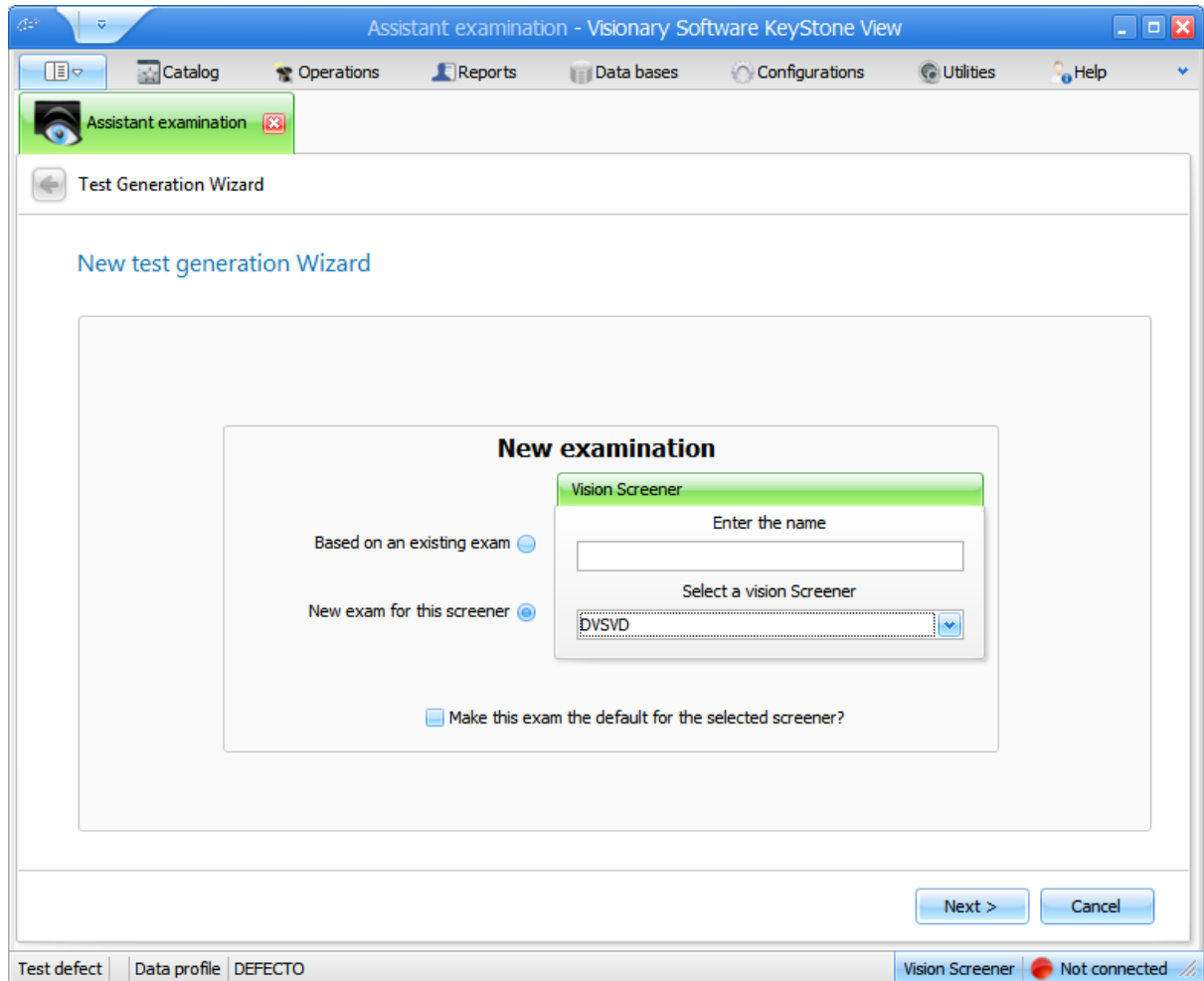
When creating a new test based upon an existing exam, it is possible to modify or correct tests and test order.

Note: Several default screenings are included and custom screenings may be created based upon them. However, the original screenings may not be changed. New screenings will appear in the existing screenings section.



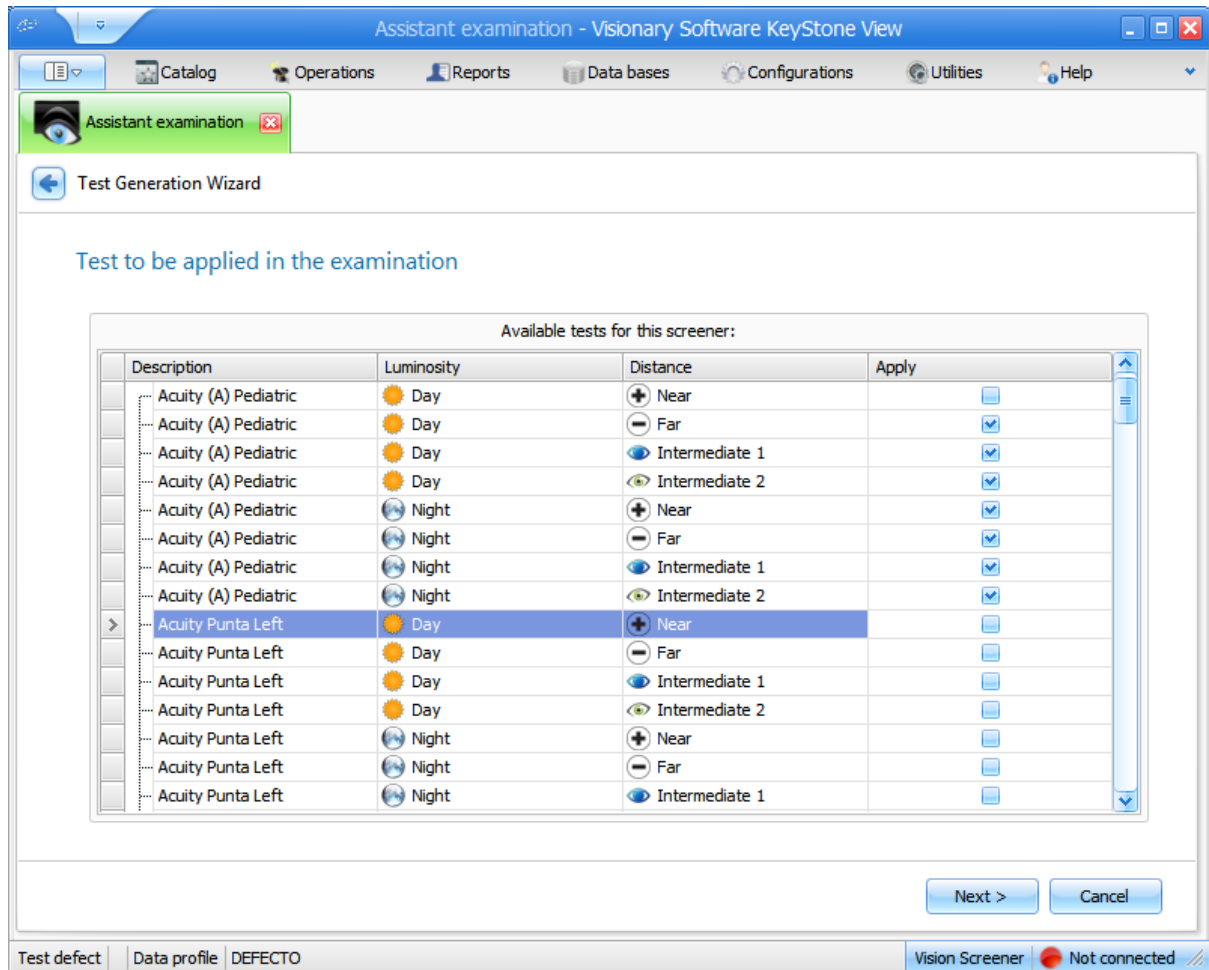
Based upon the vision screener

When creating a new test based upon the screener of choice, indicate the name of the test as well as the vision screener of choice.



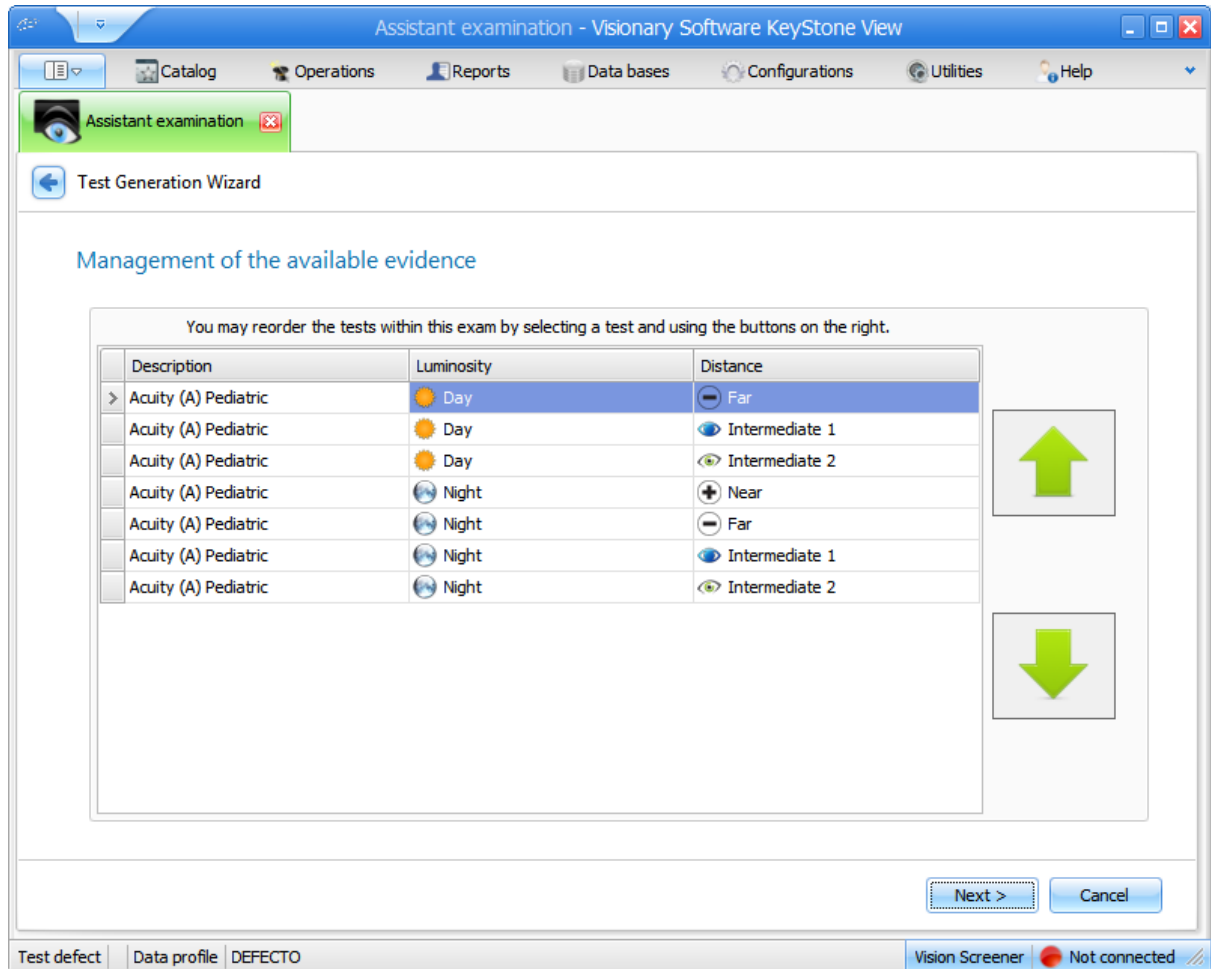
Test selection section

In this section, select which tests should be performed during the vision screening. When selecting tests, be sure that both luminosity and distance are correct.



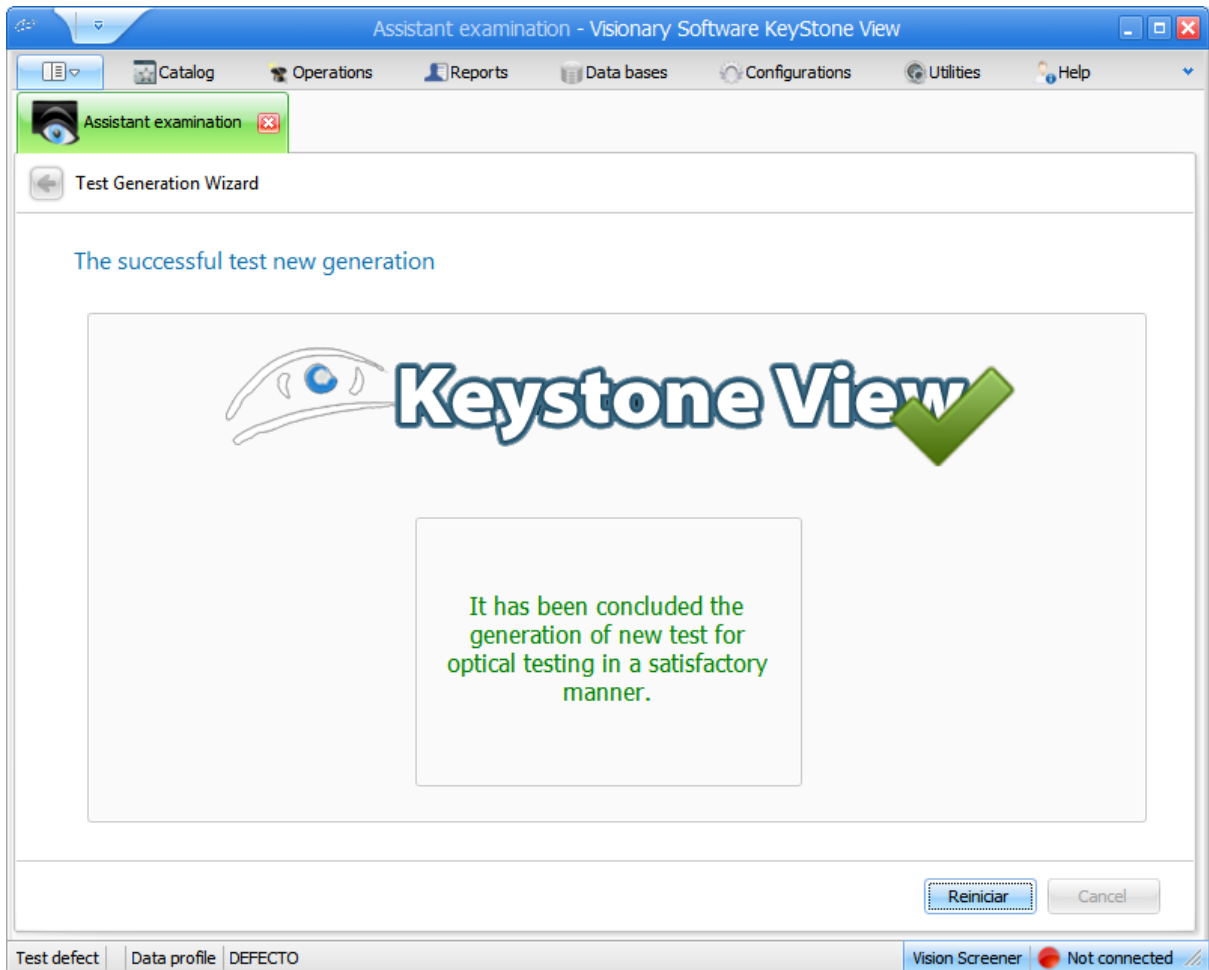
Test order section

Select a test and use the up and down arrows to modify the order as desired.



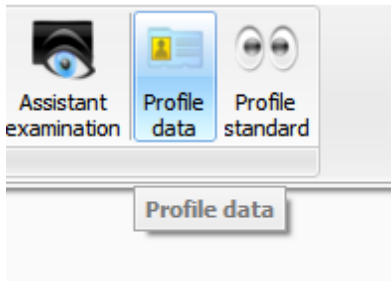
Final section

The final step of the New Test Generation Wizard is to save the changes that were entered. This illustration demonstrates the generation of a new screening test was successful.



3.3.3 Data Profile

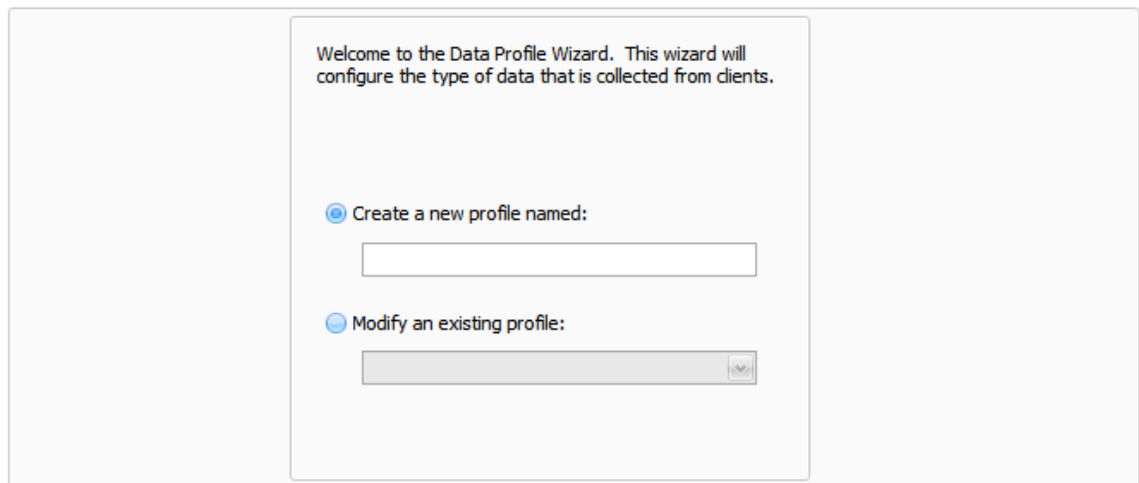
In the Keystone View Visionary 2013 Software, the Data Profile allows the user to indicate what customer data may be stored and what customer data is required.



Under the "Operation" tab, click the "Data Profile" button.

First section

Welcome to the Profile Wizard of data


A screenshot of a 'Data Profile Wizard' window. The window has a light gray background. In the center, there is a white box containing the following text: 'Welcome to the Data Profile Wizard. This wizard will configure the type of data that is collected from clients.' Below this text are two radio button options. The first option is 'Create a new profile named:' followed by an empty text input field. The second option is 'Modify an existing profile:' followed by a dropdown menu with a small arrow icon on the right side.








Category selection section

Categories of information are chosen here.

Select the data that you want to get

Select the data you would like to collect:

Select all 



















Employee	
-Company	
◆ Location	
◆ Division	
Student	
-School	
-Teacher	

Field selection section

Here data fields can be set as optional or mandatory. Fields can also be disabled to prevent unnecessary data from being entered into the system.

Select the data that you want to show or request of Employee, -Company, ◆ Location

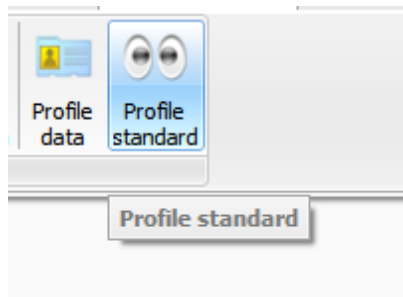
Select the data categories you would like to use. Then below the categories, select the data fields that are required.

Field	Show	Required field
[-] Company		
FEIN		
identification		
name		
name		
nature		
nature		
Name Contact		
Name Contact		
email Address		

3.3.4 Vision Standard

Standard profile

In this part of the Keystone View Visionary 2013 Software, the vision standard for screening may be indicated.



From the "Operations" tab, click "Standard Profile" to use this option.

Create vision standard section

The vision standards will be applied to the individual tests to be used in a vision screening. The corresponding exam must already exist before creating a vision standard.

Welcome to the Vision standard Wizard

Welcome to the New Vision Standard Wizard. This wizard will assist in setting up passing levels for each test in an exam.

Create a new standard for which exam?

VSS Defecto

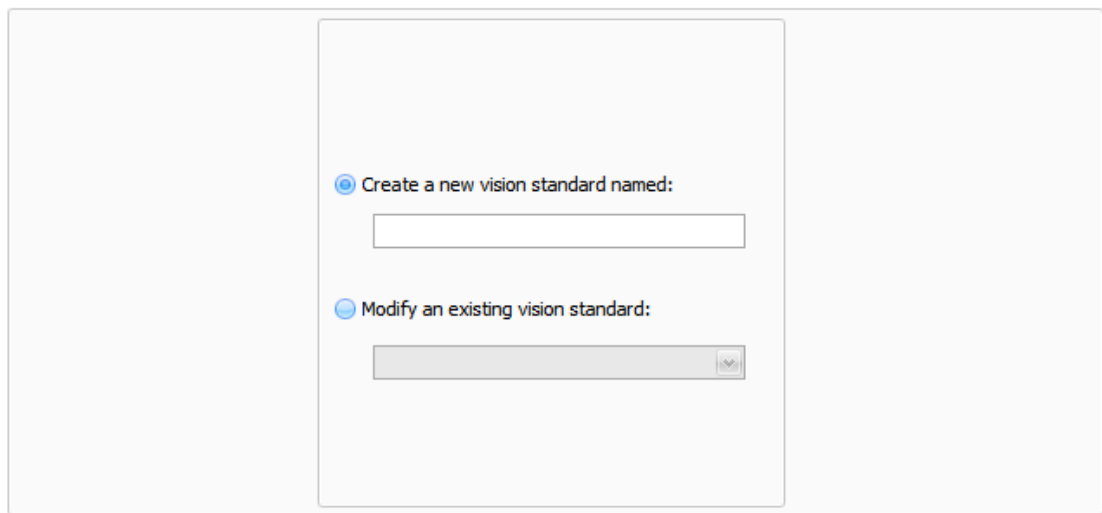
Make this standard the default?

Vision standard input and modification section

This is the option to create a new vision standard with a custom name or modify an existing vision standard.

The illustration below shows the choice of writing a new standard or selecting an existing one.

[Specify a new filter, or select an existing one](#)



The screenshot shows a central panel with two radio button options. The first option, "Create a new vision standard named:", is selected and has an empty text input field below it. The second option, "Modify an existing vision standard:", is unselected and has a dropdown menu below it with a small icon on the right side.

Edit section

Clicking the button that appears in a selected row will modify the standard by which the test is scored.

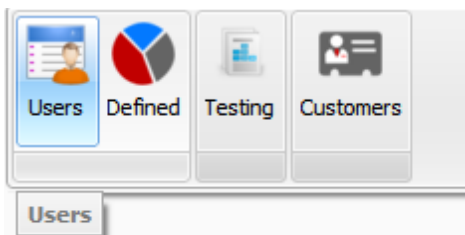
Modify standards of Vision

Click on the standard view that you want to modify for each test

Description	Luminosity	Distance	Standard Vision
> Right Eye: Acuity	☀ Day	⊕ Near	20/30
Right Eye: Acuity	☀ Day	⊖ Far	20/30
Left Eye: Acuity	☀ Day	⊕ Near	20/30
Left Eye: Acuity	☀ Day	⊖ Far	20/30
Phoria (Eye Co-Ordination)	☀ Day	⊕ Near	1.5 - 5.5 / 3.5 - 5.5
Phoria (Eye Co-Ordination)	☀ Day	⊖ Far	1.5 - 5.5 / 3.5 - 5.5
Fusion	☀ Day	⊕ Near	Three balls
Fusion	☀ Day	⊖ Far	Three balls
Stereopsis	☀ Day	⊕ Near	L-3. Cruz
Stereopsis	☀ Day	⊖ Far	L-3. Cruz
Both Eyes: Acuity	☀ Day	⊕ Near	20/30

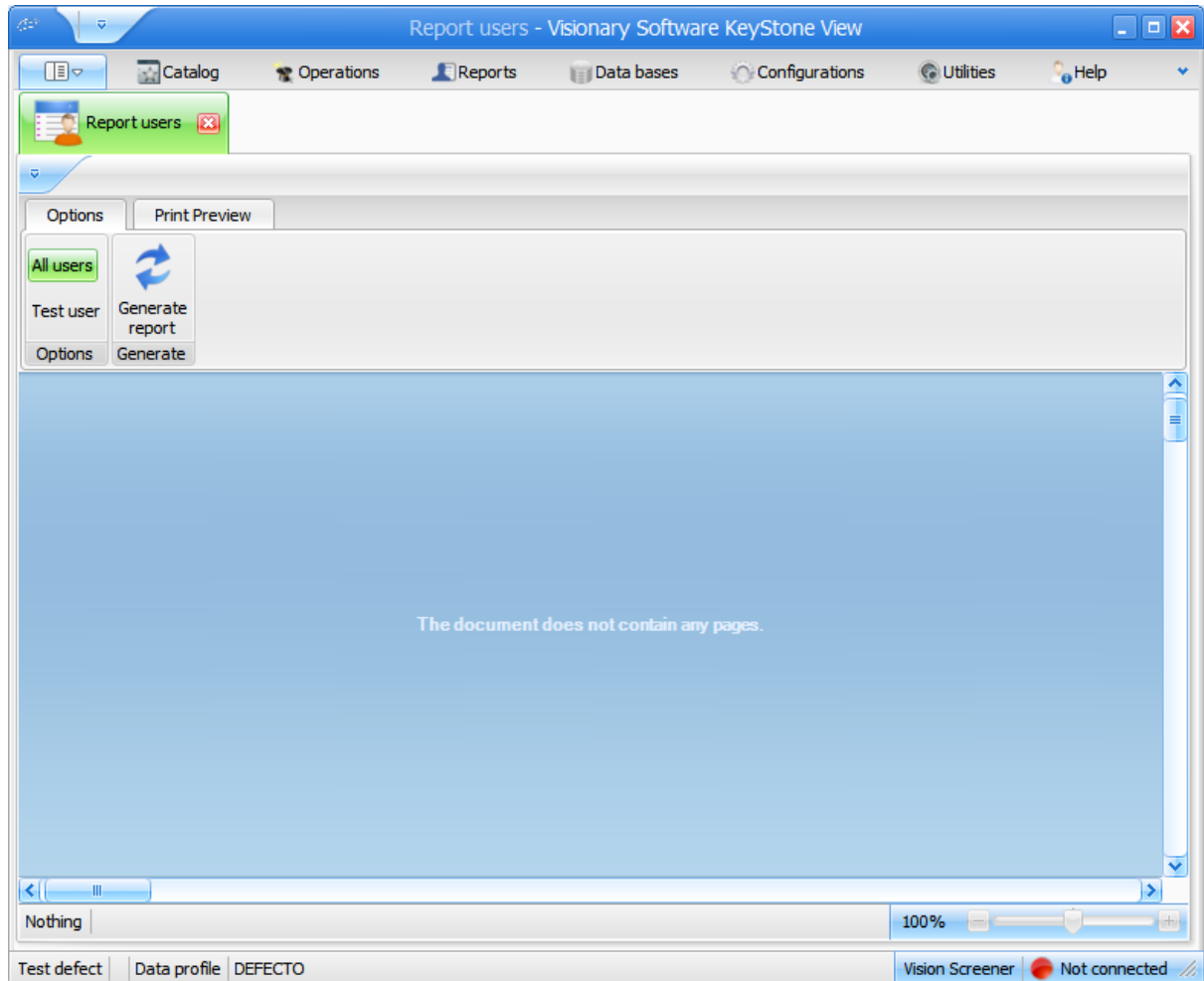
3.4 Reports

The Keystone View Visionary 2013 Software has a series of controls for printing, sending, and displaying reports.



To create reports, click on the "Reports" tab.

Create reports section



Report display section

The screenshot shows the 'Report users' window in the Visionary Software Keystone View. The window title is 'Report users - Visionary Software Keystone View'. The interface includes a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. Below the menu bar is a toolbar with 'Options' and 'Print Preview' tabs. The 'Print Preview' tab is active, showing a toolbar with 'Print', 'Page Setup', 'Navigation', 'Zoom', and 'Page...' buttons. The main content area displays a report with the following structure:

Company:
Phone:
Fax:
Address:

Users

User	Name	Last name
ADMIN		

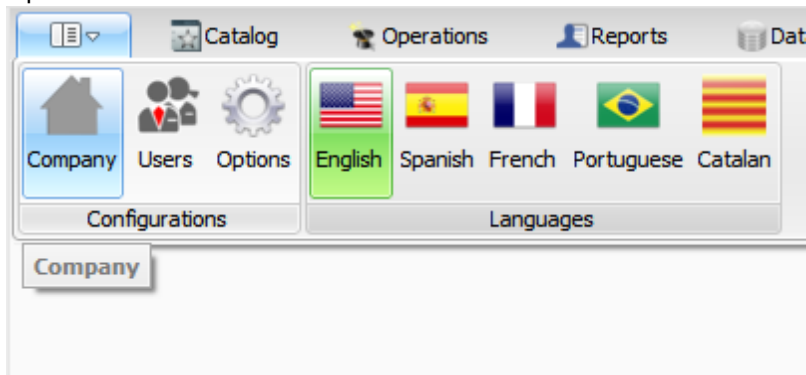
The report is displayed on 'Page 1 of 1' at 100% zoom. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

3.5 Utilities

3.5.1 Product Ownership

Ownership Entity

This section concerns the entity (company, agency, institution, etc.) which owns the Keystone View Visionary 2013 Software and Keystone View instrument(s). Information entered here will be shown in the report headers.



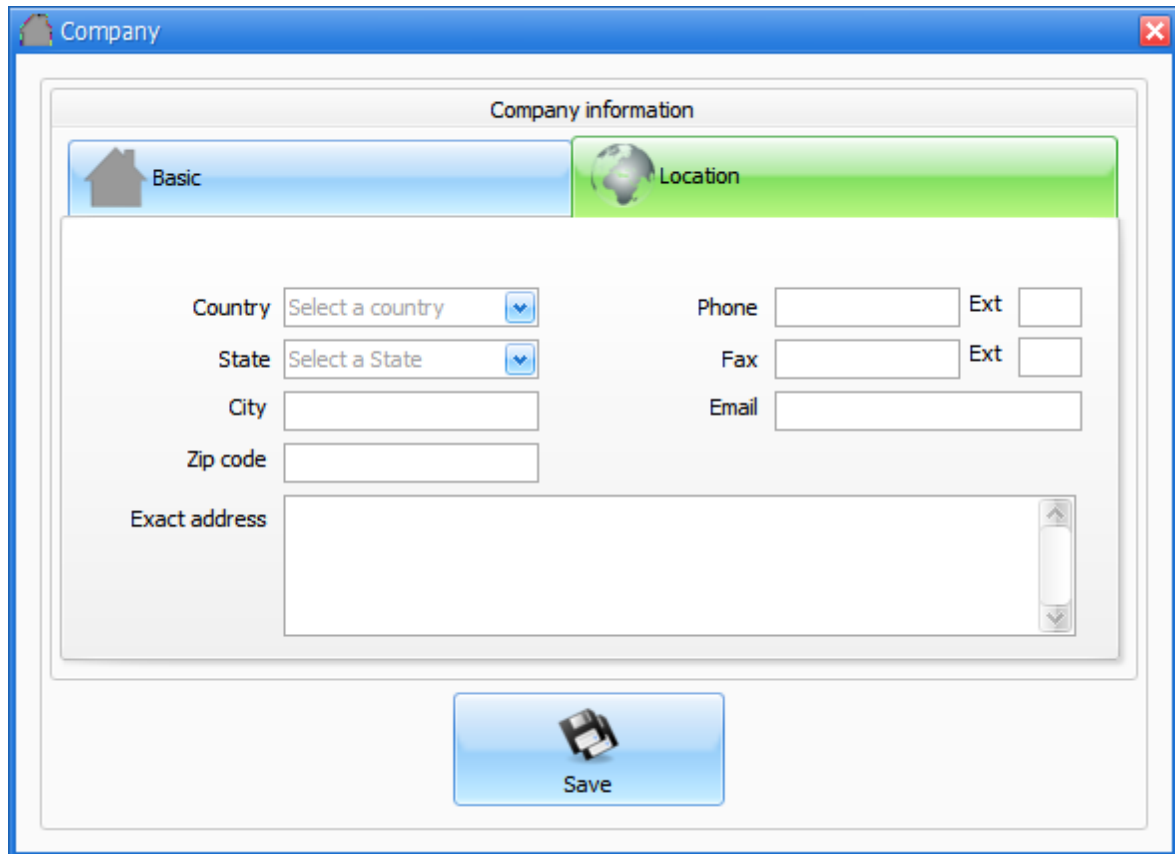
The following screens can be seen by clicking on the "Utilities" tab followed by the "Options" button.

Main section

A screenshot of the 'Company information' form. The form has a blue title bar with a 'Company' icon and a close button. It features two tabs: 'Basic' (green) and 'Location' (blue). The 'Basic' tab is active. The form contains two text input fields: 'Identification of the company' with the value '1' and 'Name of the company' with the value 'Keystoneview'. Below these fields is a 'Logo' section with a placeholder image of the Keystone View logo. At the bottom of the form is a 'Save' button with a floppy disk icon.

Note: To modify the logo, right click on the Keystone View image and select "open". A window will appear on which a custom image may be chosen.

Location section



The screenshot shows a software window titled "Company" with a close button in the top right corner. Inside the window, there is a "Company information" section with two tabs: "Basic" (represented by a house icon) and "Location" (represented by a globe icon). The "Location" tab is currently selected and highlighted in green. Below the tabs, there are several input fields for company location data:

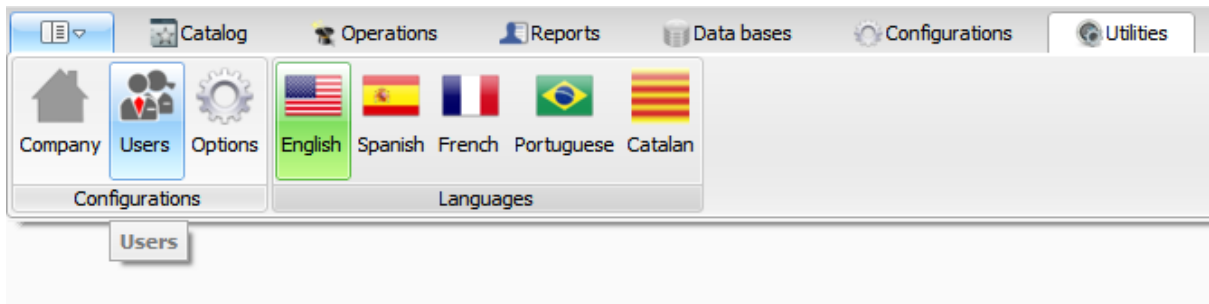
- Country: A dropdown menu with the text "Select a country" and a downward arrow.
- State: A dropdown menu with the text "Select a State" and a downward arrow.
- City: A text input field.
- Zip code: A text input field.
- Exact address: A large text area with a vertical scrollbar on the right side.
- Phone: A text input field followed by "Ext" and a smaller text input field.
- Fax: A text input field followed by "Ext" and a smaller text input field.
- Email: A text input field.

At the bottom center of the window, there is a blue button with a floppy disk icon and the text "Save".

3.5.2 Users

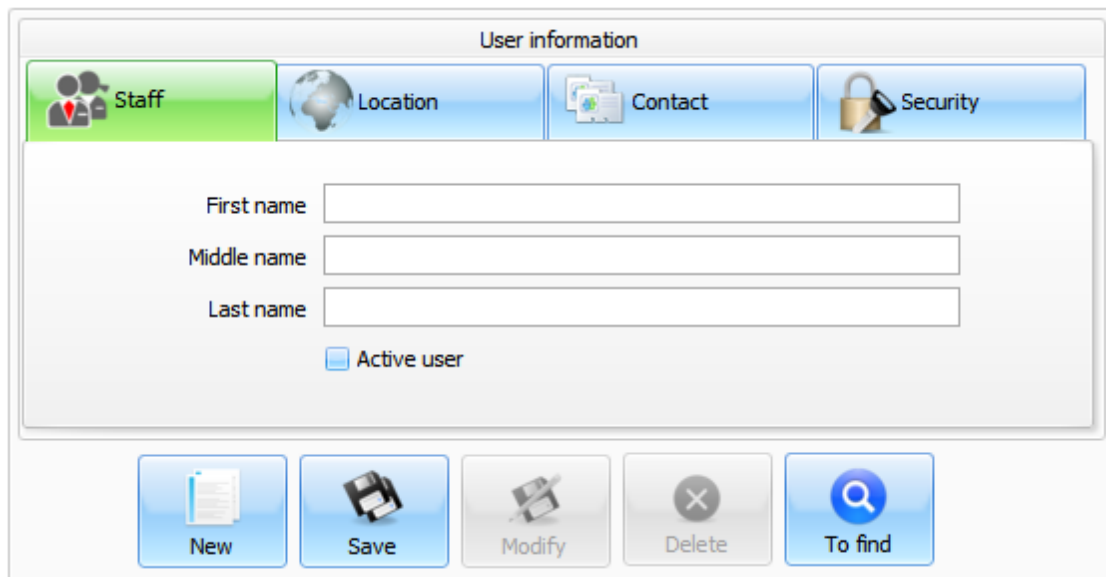
Users

The following sections were designed to collect information about those users of the Keystone View Visionary 2013 Software who have been authorized by the ownership entity to access and/or manipulate the system information.



The following displays may be accessed under the "Utilities" tab by clicking on the "Users" button.

User personal information

A screenshot of the 'User information' form. The form has a title bar 'User information' and four tabs: 'Staff', 'Location', 'Contact', and 'Security'. The 'Staff' tab is selected. Below the tabs, there are three text input fields for 'First name', 'Middle name', and 'Last name'. Below these fields is a checkbox labeled 'Active user'. At the bottom of the form, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'.

Location section

User information

Staff Location Contact Security

City Country

Zip code State

Exact address

New Save Modify Delete To find

Contact section

User information

Staff Location Contact Security

Phone


Fax

Email

New Save Modify Delete To find

Security section

User information

 Staff  Location  Contact  Security

Name of user

Password

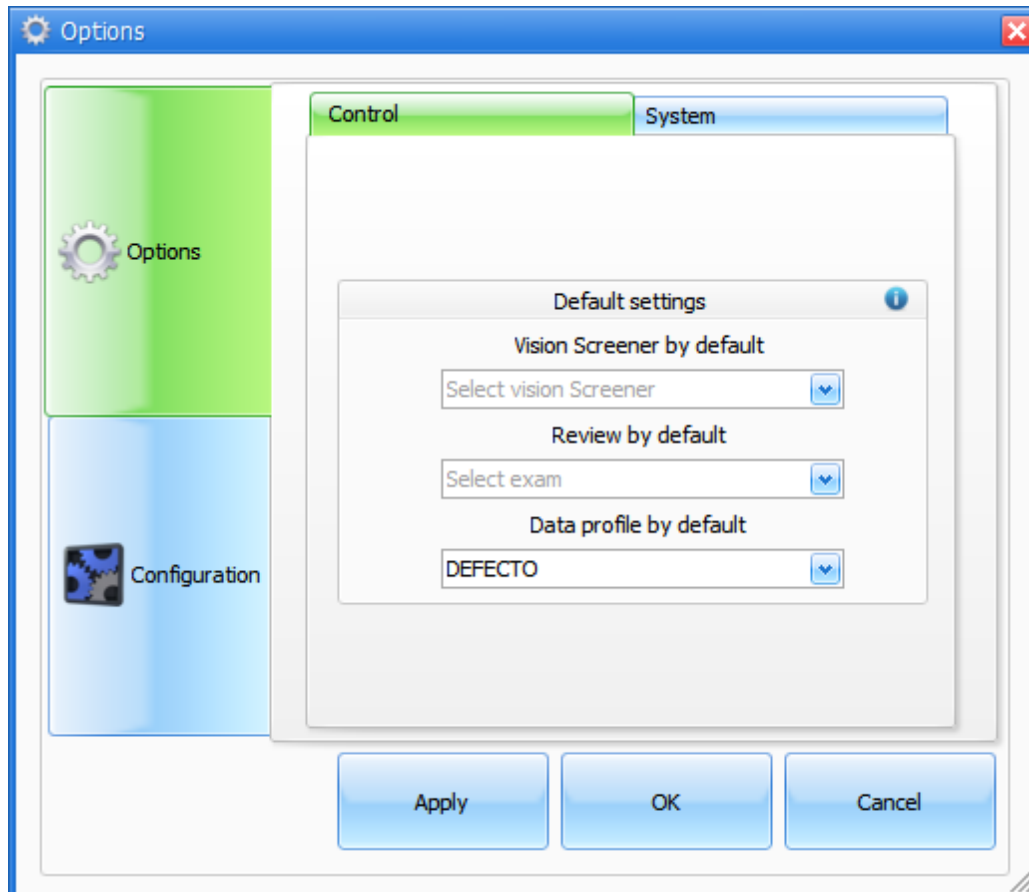
Confirm password

Level of security 

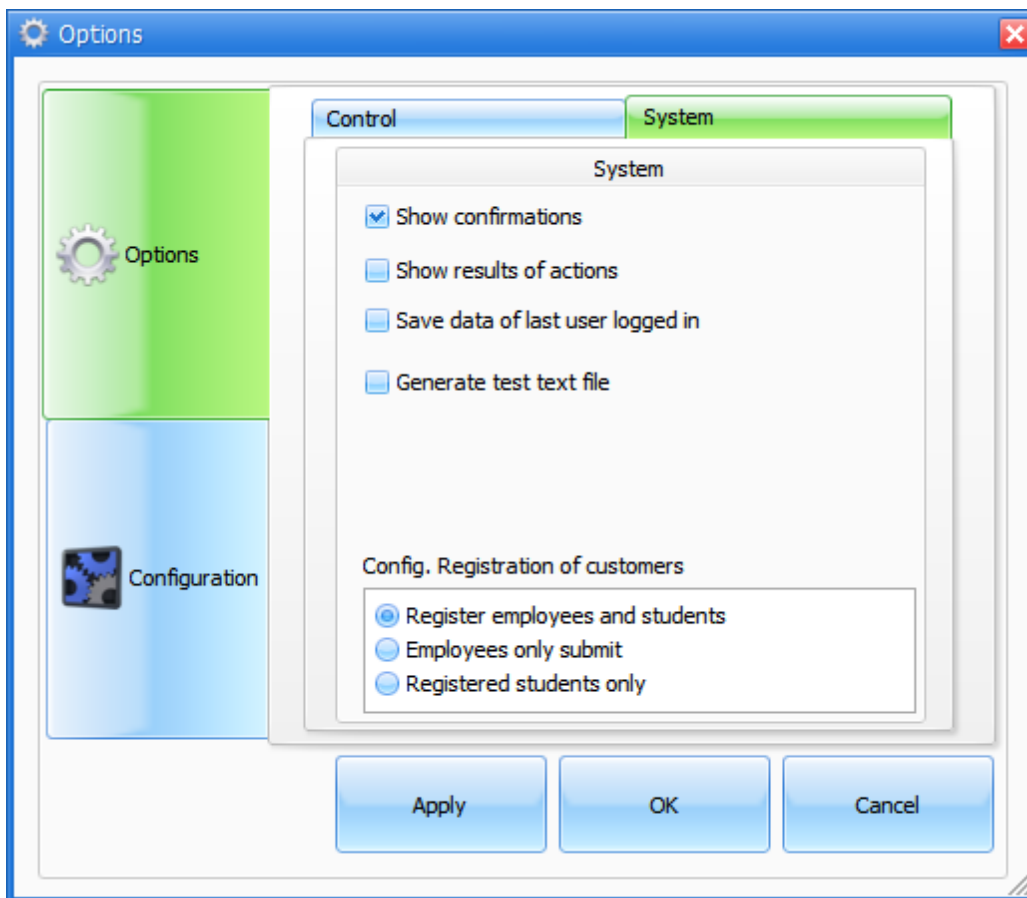
 New  Save  Modify  Delete  To find

3.5.3 Options

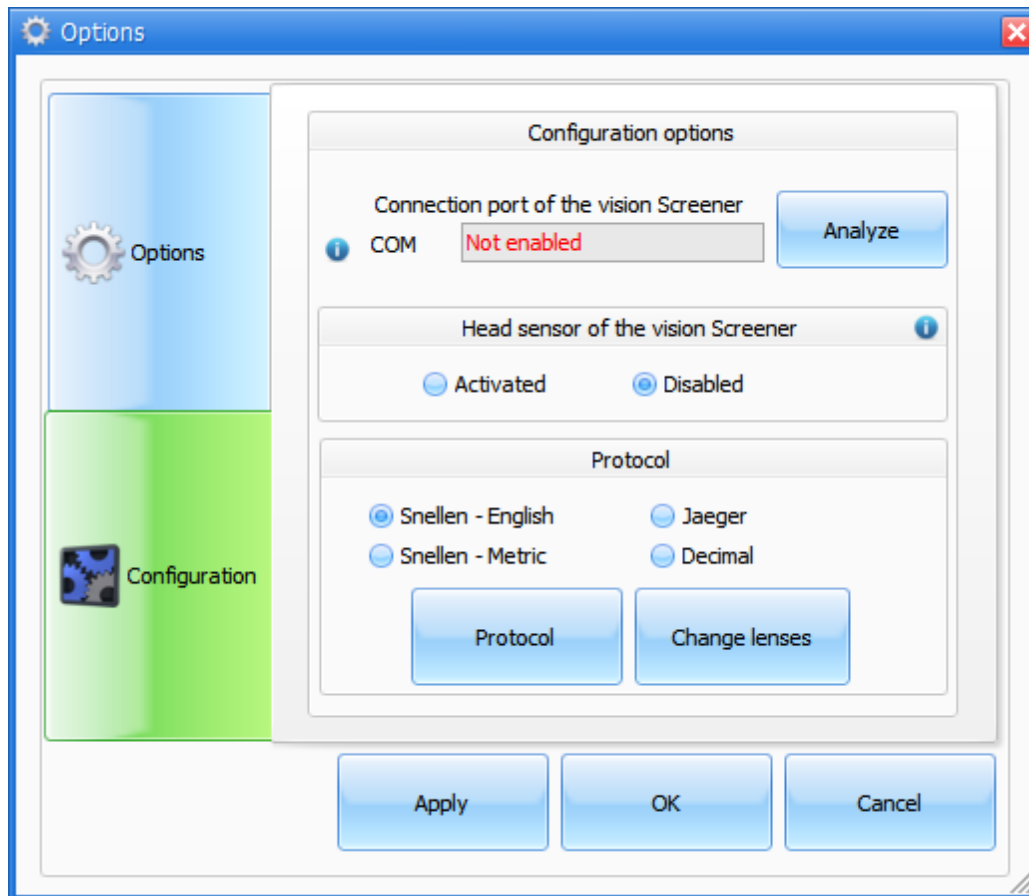
This section contains options for configuration and control of the Keystone View Visionary 2013 Software by the authorized user/staff member of the ownership entity. To access the screens, click the "Options" button under the "Utilities" tab.



The user/staff member may designate the default vision screener as well as the default screening and the default data profile.



In this screen the user may select the types of messages to display, ([see details](#)), as well as choose the customer type.

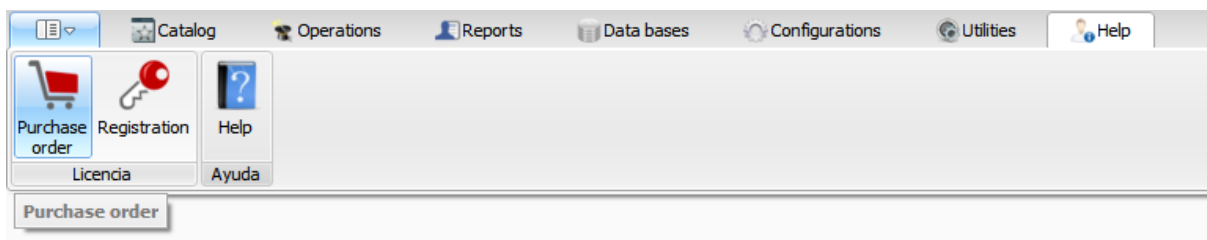


The above screen shows configuration options for the vision screener and the screening protocol. If the vision screener is connected via a serial connection, the COM port may be selected. Next, the head sensor that turns on the vision screener only when the client's head is in position, may be enabled or disabled. The user may also choose which protocol will be used for the screenings.

3.6 Help

3.6.1 Purchase Order

As noted at the beginning of the manual, the original 200 screenings contained in this Keystone View Visionary 2013 Software CD have been provided as a free sample. A convenient purchase order for continued use of this quality software is provided below. Fill it out and submit it to receive the code that will enable infinite screenings for just \$500 per Keystone View vision screening instrument. To access the purchase order, click the "Help" tab below and then the "Purchase order" button. Fill out the fields contained therein and the information for the credit card of your choice. Click "Complete purchase order".



To access the purchase order screen, click the "Help" tab, then click the "Purchase order" button.

 A screenshot of the 'Purchase order' form. The form is titled 'Purchase order' and features the Keystone View logo. It contains two columns of contact information for two different locations. Below this, there are sections for 'Company information' and 'Payment of Keystone View Software information'. The 'Company information' section includes fields for Date, Name of contact, Phone, Fax, Email, Country, State, City, and Address. The 'Payment of Keystone View Software information' section includes fields for Vision Screener (0), Warwick-Evans Invoice No., Quantity (1), Price (\$500), Type of card (radio buttons for Visa, AMEX, Master Card, Discovery), Number of card, Expiration date (10/2013), and Name of the card owner. A large blue button labeled 'Complete purchase order' is at the bottom.

To complete the purchase order, fill out the above fields with purchaser and credit card information, then click the "Complete purchase order" button. The Keystone View Visionary 2013 Software is sold for the low price of only \$500 USD.