

RTC Associates, Inc.

Service

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Isaac Software

The software running on the PC can communicate to the system in a variety of formats. They are RS 232 (Serial), RS 485 (2 wire communication) or Ethernet.

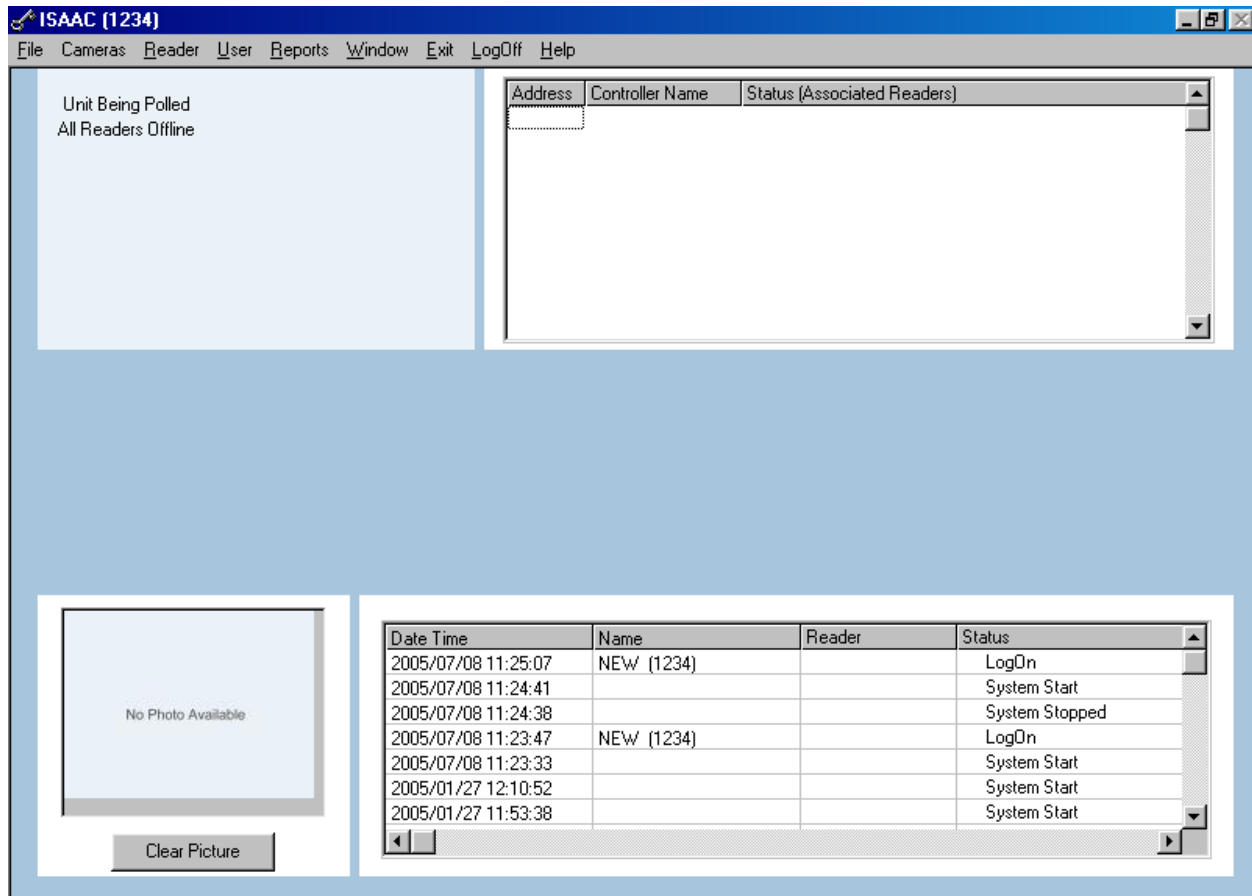
Screen shots of the software are shown on the following pages. Not everything will be shown, but a general idea of the many functions and user interface can be seen.

RTC Associates, Inc.

Service

Access Control Products

Support



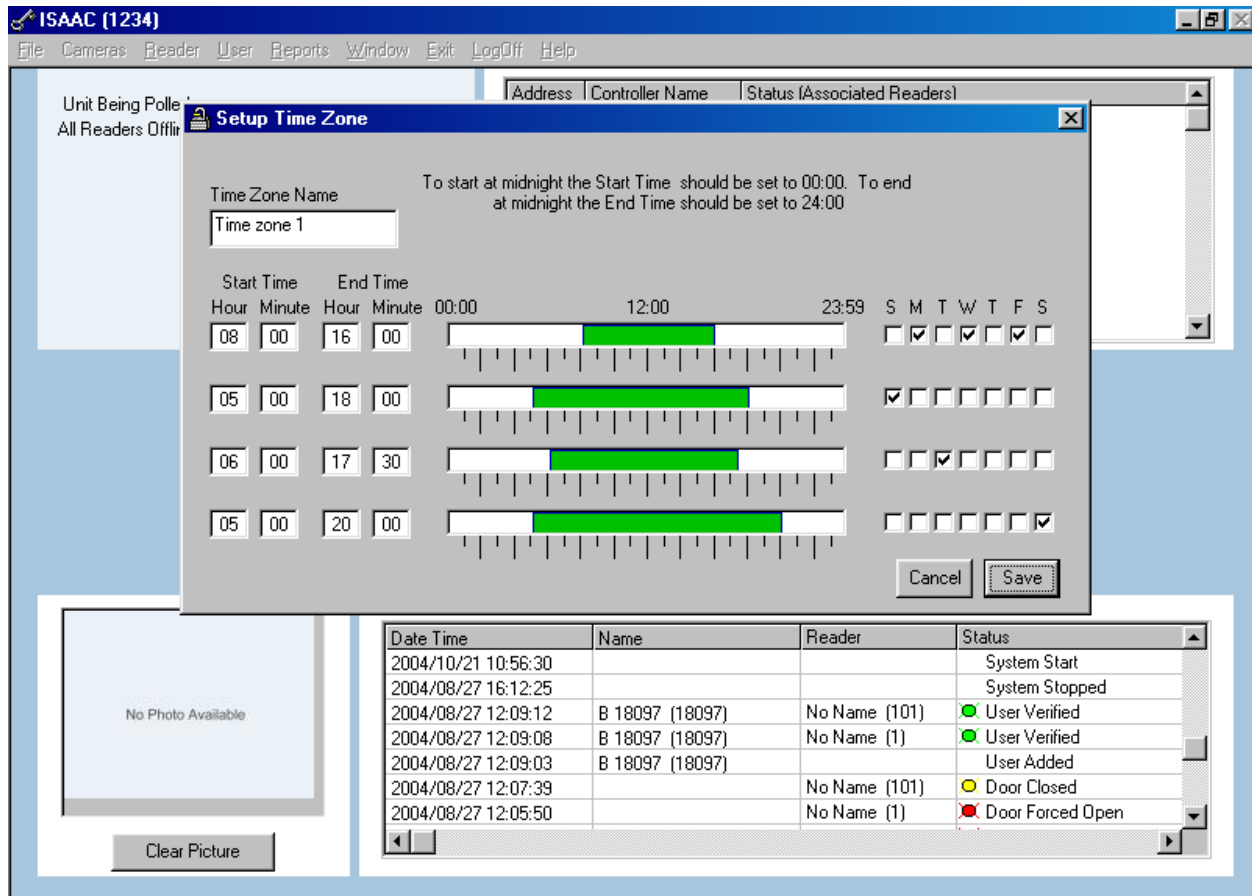
The main screen provides pertinent system information. In the upper right it shows what unit is being polled, in the upper right it provides real time controller and door status, the lower left will show a picture of the person that accessed the last door, if the border is red then the person was denied, if the border is green the user was authorized. The lower right provides a transaction history. Note: The photo feature does not need to be utilized.

RTC Associates, Inc.

Service

Access Control Products

Support



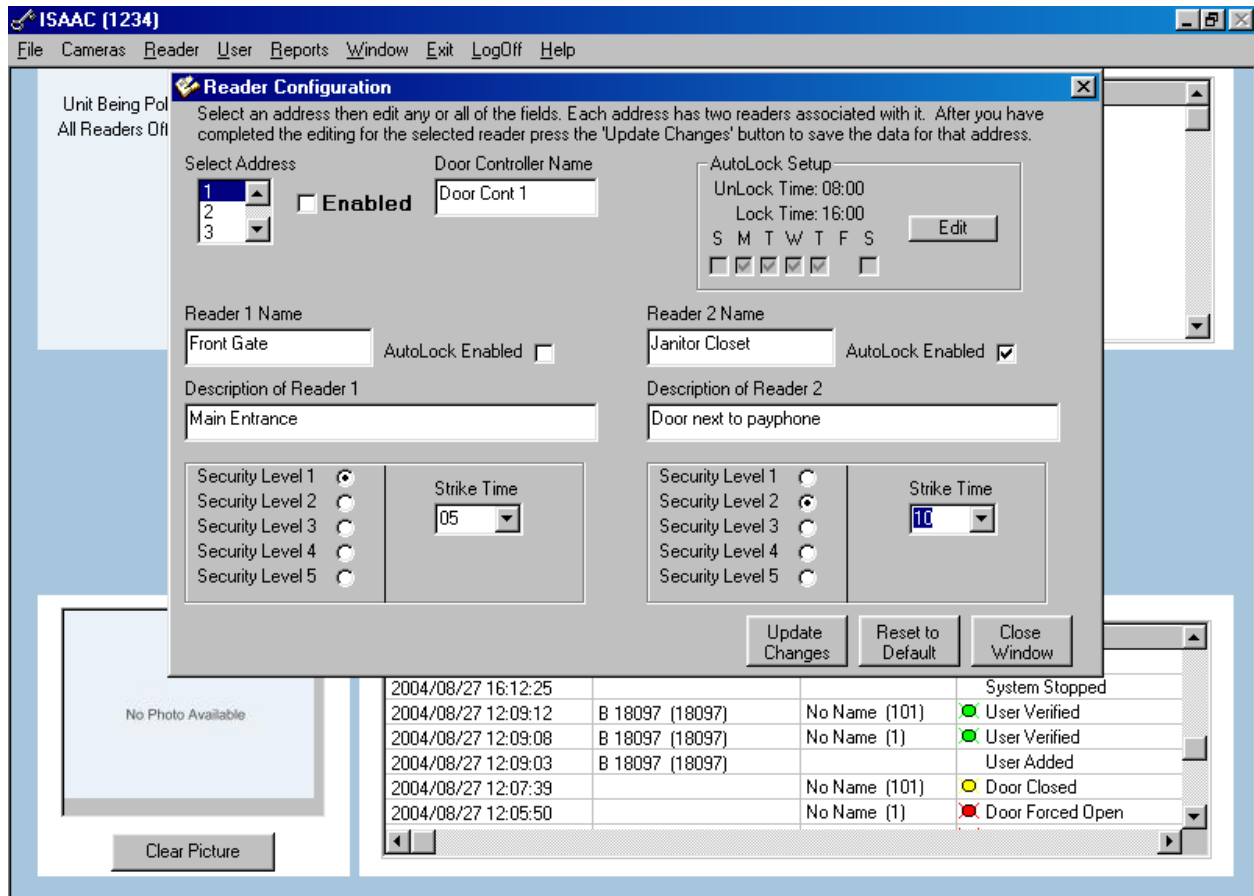
The software allows 4 time zones to be set up. These time zones are assigned to individual users. The example above shows that one of the time zones allows access on Monday, Wednesday and Friday between 8:00 AM and 4:00 PM, Sundays between 5:00 AM and 6:00 PM, Tuesdays between 6:00 AM and 5:30 PM and on Saturdays between 5:00 AM and 8:00 PM. As you can see the description seems difficult but the software allows easy implementation.

RTC Associates, Inc.

Service

Access Control Products

Support



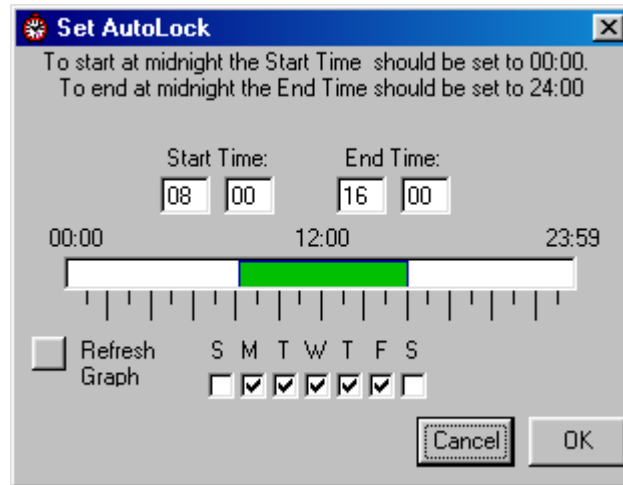
This screen shot shows the door controller / reader configuration. The network address is 1 and the unit is not enabled, (meaning it is not being polled by the software) the door controller name is “Door Controller 1”. Each Door Controller has two readers or doors associated with it. Reader 1 is connected to the front gate and users need to be assigned a security level of 1 to use it. The door will be unlocked for 5 seconds after an access and autolock is not enabled for this reader meaning the door will not unlock and re-lock automatically. Reader 2 has a security level of 2, will remain unlocked for 10 seconds and autolock is enabled. The autolock setup shows that the door will unlock between the hours of 8:00 AM and 4:00 PM Monday through Friday. However a user with a security level of 2 will be able to gain access during the time the door is locked without causing an alarm.

RTC Associates, Inc.

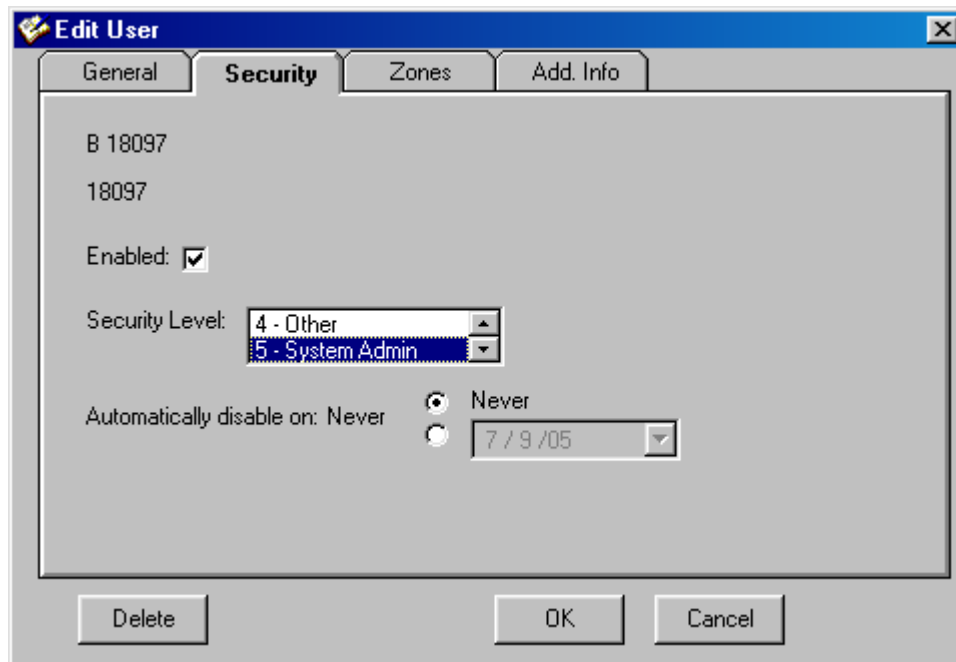
Service

Access Control Products

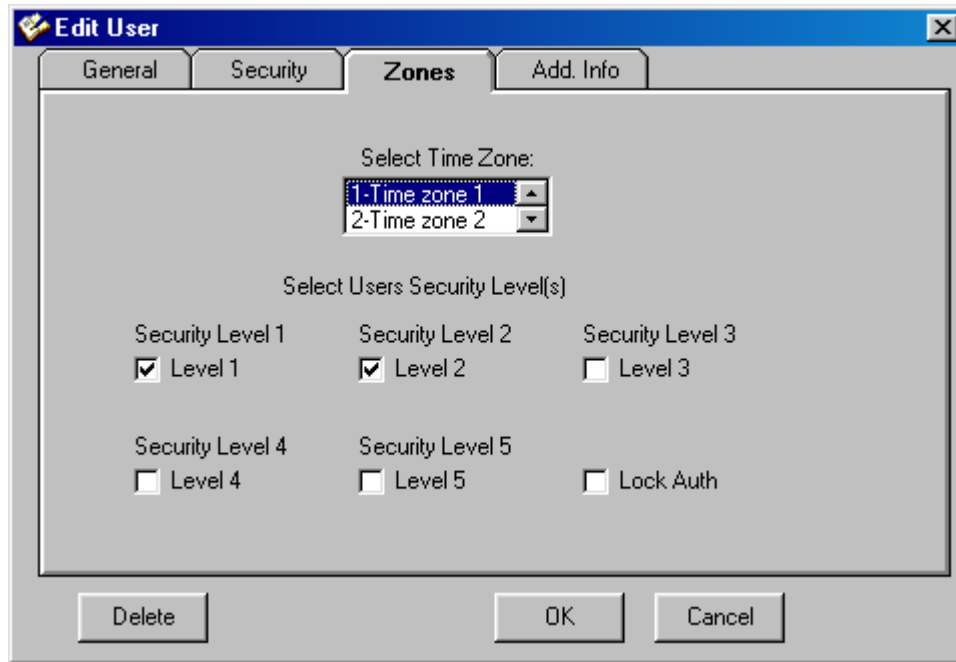
Support



When the autolock setup Edit button is pressed the above window will be displayed. As you can see this differs from the Time Zone setup in that only one range may be defined instead of four.



The above shows some of the Edit User screen. A user may be edited after they have been added to the system. I will not show the adding of a user, it is a simple process and the software walks you through it. Looking at the security tab you can see that the user is assigned to badge number 18097. They are enabled in the system and have a security level of 5. This security level applies to the software authorization and is not important at this time. The software can automatically disable a user on a defined date. The user is defined to never be automatically disabled but this could be changed to automatically disable them in the future. This feature would mainly be used in systems where say one-week visitor badges are issued or if access may be revoked due to training issues or payment of dues.



Under the Zones tab is where the users time zones and security levels are set. This user is restricted to only use the readers during time zone 1 and has access to level one and level two readers only.

RTC Associates, Inc.

Service

Access Control Products

Support

Unit Being Polled
All Readers Offlin

Report - Custom Activity

Create a report based on all activity. The data will be sorted based on the 'Sort By' selection. The report opens with all of the data contained in the database selected. To change the range you may alter the 'From' and 'To' fields to the date(s) and time(s) you wish to look at or simply enter a number in the 'Range in days' box and click 'Set' to select how many days ago to present. Data may be customized by changing the fields in the 'Select' selection area.

Sort By: Date/Time
From: 4 /27/04
To: 7 / 8 /05
Range in days: 437
Ascending
Descending
12:00:00 AM
11:59:59 PM

Select:
Name: All
Reader: All
Message: All

The following report will be generated:
Show me when All used reader(s) All and the result was All during the period of 4/27/04 12:00:00 AM to 7/8/05 11:59:59 PM order by Date/Time.

Generate Report

Date Time	Name	Reader	Status
2004/10/21 10:56:30			System Start
2004/08/27 16:12:25			System Stopped
2004/08/27 12:09:12	B 18097 (18097)	No Name (101)	User Verified
2004/08/27 12:09:08	B 18097 (18097)	No Name (1)	User Verified
2004/08/27 12:09:03	B 18097 (18097)		User Added
2004/08/27 12:07:39		No Name (101)	Door Closed
2004/08/27 12:05:50		No Name (1)	Door Forced Open

No Photo Available
Clear Picture

The software has the ability to run 13 different reports. Most reports can be customized to display only the information you wish

RTC Associates, Inc.

Service

Access Control Products

Support

The screenshot shows the ISAAC software interface. A 'Report - Custom Activity' dialog box is open, allowing users to generate a report based on specific criteria. The dialog includes fields for 'Sort By' (Date/Time), 'From' (6/18/05), 'To' (7/8/05), and 'Range in days' (20). It also has radio buttons for 'Ascending' and 'Descending' sorting, and a 'Select' section with dropdowns for 'Name' (18099 (Trever Holick)), 'Reader' (Front Gate (1)), and 'Message' (User Verified). A 'Generate Report' button is present. Below the dialog, a table displays the generated report data.

Date Time	Name	Reader	Status
2004/10/21 10:56:35		No Name (1)	Door Controller Offline
2004/10/21 10:56:30			System Start
2004/08/27 16:12:25			System Stopped
2004/08/27 12:09:12	B 18097 (18097)	No Name (101)	User Verified
2004/08/27 12:09:08	B 18097 (18097)	No Name (1)	User Verified
2004/08/27 12:09:03	B 18097 (18097)		User Added
2004/08/27 12:07:39		No Name (101)	Door Closed

RTC Associates, Inc.

Service

Access Control Products

Support

The screenshot displays the ISAAC (10028) software interface. The title bar reads "ISAAC (10028)" and the menu bar includes "File", "Cameras", "Reader", "User", "Reports", "Window", "Exit", "LogOff", and "Help".

On the left, a panel titled "Unit Being Polled" shows the number "1". Below it is a "Camera Control" section with radio buttons for "Cam1", "Cam2" (selected), "Cam3", and "Cam4", and a four-way directional arrow.

In the top right, a table lists controller information:

Address	Controller Name	Status (Associated Readers)
1	Break Room	Reader Online (D1 Back Door / D2 Front Door) Autolock Enab Door Closed / Door Closed

In the center, a video window titled "Upstairs" shows a live camera feed of an office area.

At the bottom left, there is a large green-bordered box with a "Clear Picture" button below it.

At the bottom right, a table displays a log of events:

Date Time	Name	Reader	Status
2005/01/17 08:56:11	Mike Jacovino (10028)	D1 Back Door (1)	User Verified
2005/01/17 06:44:28		D1 Back Door (1)	Door Closed
2005/01/17 06:44:21		D1 Back Door (1)	Door Left Open
2005/01/17 06:44:04	Debbie Oakley (10009)	D1 Back Door (1)	User Verified
2005/01/17 05:20:37	Debbie Oakley (10009)	D1 Back Door (1)	User Verified
2005/01/14 08:32:33	Robin Holick (10001)	D1 Back Door (1)	User Verified
2005/01/13 08:38:36	Robin Holick (10001)	D1 Back Door (1)	User Verified

This is a small sample of the features provided in our software. Please call or E-mail with any questions.