RealCare®
Control Center Software
Help Guide

Realityworks®
Live it. Learn it.™
...an employee-owned company

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Table of Contents

General Information

This section contains information about the Control Center software program, how to start using the software with RealCare® Babies, how to get assistance using the software, and a list of terms that are used by the software.

Control Center Software Help Guide

The RealCare® Control Center software is intended for wireless control of one or more RealCare® Baby II-plus and RealCare® Baby 3 infant simulators (referred to as Babies in this guide). It manages parenting simulation programming, displays Baby status, and permits student report download and storage.

The Control Center software communicates only with RealCare® Baby II-plus and RealCare® Baby 3.

Program Functions

Control Center software contains all of the tools necessary to program Babies for infant care simulations, download student reports, and perform maintenance on Babies. The software assigns the class name, Baby name, student name, Baby ethnicity and gender, start and stop times for the simulation, the simulation care level (easy, medium, or hard), and preset quiet times when Babies will not cry for care. The software also downloads and stores simulation reports in a database.

See [Useful Terms](#)

Getting Assistance

Help information can be viewed on the Help menus in this software.

Additional assistance is available at the Product Support section of the Realityworks website at www.realityworks.com or by calling 800.830.1416. Contact Product Support for all types of technical support such as operating assistance, assistance in analyzing simulation data, and arranging a repair.

Useful Terms

About . . . . .Shows the version number and manufacture date of your Control Center software.

Activate Baby . . . . .Prompts the Baby electronics module to start wireless communication with the wireless communication adapter.

Active. . . . . .A Baby that is scheduled for or actively engaged in an infant care simulation.

Add. . . . . .Screen that allows adding Babies to the All Babies list to establish wireless communication.

Add a Baby . . . . .Establishes wireless communication between the wireless communication adapter and the Baby electronics module.

Available . . . . .Status when Baby is not engaged or scheduled for a simulation.

Baby ID . . . . .An identification number assigned to an infant simulator.

Baby List . . . . .Babies contained in the Baby database, displayed on the main screen All Babies list.

Baby Name . . . . .A name assigned to an infant simulator for a simulation. The name can be changed before each simulation starts.

Car Seat . . . . .RealCare Baby 3 is able to determine length of time it has been in car seat when used in conjunction with car seat detection tags.

Caregiver Wristband. . . . .Wristband containing a unique identification disc worn by the person caring for Baby.

Care Level . . . . .The frequency and length of Baby care requests during the simulation (easy, medium, hard, custom, or random levels can be assigned).

Charging Station. . . . . . . .DC charger for charging five infant simulators at one time.

Class . . . . .The folder name for simulation reports.

Clipboard. . . . . .During the Export process, the software copies a graphic file of the active report to a virtual clipboard for pasting into an e-mail message or word processing document.

Clothing . . . . .RealCare Baby 3 features clothing detection. Baby is able to distinguish what article of clothing is worn and for how long.

Database . . . . .A list of Babies that have been added/bound to the Control Center software.

Day Care . . . . .An option a facilitator can activate on demand when the participant cannot care for Baby. Baby does not request any care when the Day Care option is active.

Demonstration . . . . .Demonstrate each of Baby's actions individually, i.e. feeding, burping, rocking, etc.

Electronics Module. . . . . .Circuit board assembly with rechargeable batteries that communicates with the wireless communication adapter and records simulation data.

Ethnicity . . . . .Ethnic identity that is assigned to the Baby (African-American, American Indian, Asian, Caucasian, Hispanic, Japanese, or Light-skinned African-American).

End Simulation . . . . .Option that stops the simulation and downloads the final report.

Gender. . . . . .Sex (male or female) that is assigned to an infant simulator.

Get Report . . . . .A Control Center command that allows the user to retrieve and view a simulation report while the simulation is running.

Host Computer . . . . .The computer containing the Control Center software and connected to the wireless communication adapter.

LED . . . . .Light Emitting Diode; an indicator light that illuminates when a function is active such as power on, Baby transmitting, etc.

Main Screen. . . . . .The default screen displayed when Control Center software is started.

Mishandle . . . . .Number in the simulation report that shows how many times the participant did not support Baby's head, roughly handled Baby, placed Baby in a wrong position, or shook Baby resulting in Shaken Baby Syndrome (see curriculum for more information).

Missed Care. . . . . .Percentage and total in the simulation report that shows how often the participant did not provide care to Baby within two minutes.

Page . . . . .Control Center command that is intended to locate (i.e. "page") a specific Baby by prompting the Baby to coo.

Parent . . . . .Participant assigned to an infant care simulation.

Pending . . . . .A Baby changing from one status to another.

Print Report . . . . .Prints a simulation report to a printer.

Program Baby . . . . .Assign Baby characteristics and schedule simulation times and care level.

Proper Care . . . . .A percentage and tally in the simulation report that shows how often the participant provided care successfully (within two minutes).

Ready . . . . .Status when Baby is not engaged or scheduled for an infant care simulation.

Report Due . . . . .Status when a Baby has finished a simulation but has not downloaded the final report.

Quiet Times . . . . .Preset period during the infant care simulation when Baby does not require care.

Schedule Day . . . . .Choose from schedules 1 through 15. These schedules were taken from real infants.

Schedule Order . . . . .The mix of care levels assigned to an infant care simulation that can be easy, medium, or hard in difficulty.

Single Charger . . . . .DC Charger for a single infant simulator.

Start . . . . .The scheduled simulation starting day and time.

Stop . . . . .The scheduled simulation stop day and time.

Student ID . . . . .Identification number disc given to each participant during a simulation. Primary caregiver is ID1 and secondary caregiver is ID2.

Student Name . . . . .The name of the participant assigned to an infant simulator.

USB Cable . . . . .Cable used to connect the communication pod to the host computer.

Temperature . . . . .RealCare Baby 3 is able to report temperature in either Fahrenheit or Celsius. The temperature reported is internal to Baby and not external temperature.

Troubleshooting . . . . .Control Center command that allows the user to verify that the Baby is operating normally.

View Report . . . . .View simulation report on screen.

Wireless communication

   adaptor . . . . .Transmitter that communicates with the Baby electronics module. It may be either an X-stick or a communication pod.

X-stick . . . . .Wireless communication adaptor that communicates with the Baby electronics module.

Before Starting

Charge the Baby Battery Module

Before starting the first time, plug Baby into charger.

1. Connect the charging station or the single charger to a 120 VAC source.

2. Connect the charging station or the single charger to the power connection located on the Baby battery cover.

3. Baby is ready to connect to Control Center software.

4. Allow Baby to charge completely (up to 6 hours).

Hint! Control Center connects and communicates with Babies much faster while Babies are plugged into a charger!

Install the Software

Before connecting the wireless communication adaptor to the host computer, make sure that Control Center software is installed. See the RealCare® Control Center software CD readme.rtf file for additional information.

1. Place the software disk into the CD drive.

2. Open the readme.rtf file to view install instructions

3. Run Setup.exe to start the install Wizard.

4. Follow the on-screen instructions to install software.

Multilingual Application

Control Center software can be used in several languages. The software is installed and automatically displayed in the language that is selected in your user **Regional and Language Options** settings on your computer..

Simulation reports can also be printed in multiple languages, without regard to which language you use for the software.

See Selecting the Report Language.

Control Center Software

XStick

Connect the Wireless Communication Adaptor

Connect the wireless communication adaptor to an open USB port before starting the Control Center software.

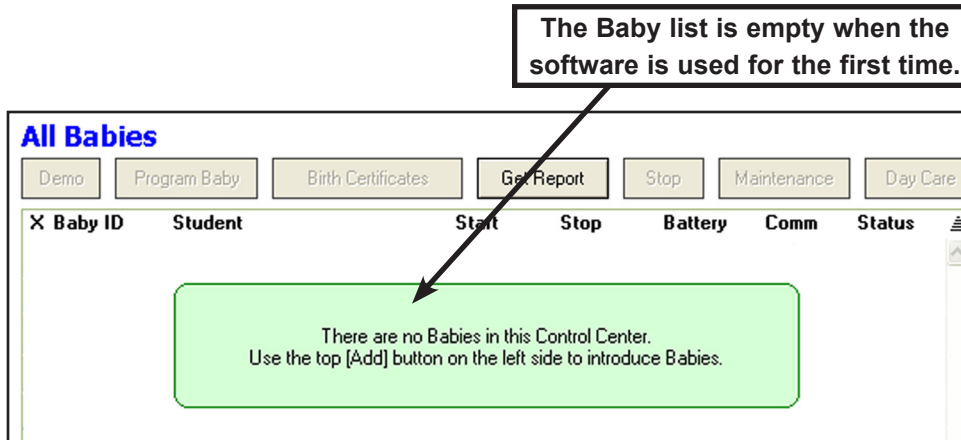To remove communication device, unplug from computer.

Create a Database

In order to communicate with the Control Center and run simulations, each Baby must be added to the Control Center's Baby list. The first time the software is started, the database is empty. A database must be created by adding Babies to the Baby list.
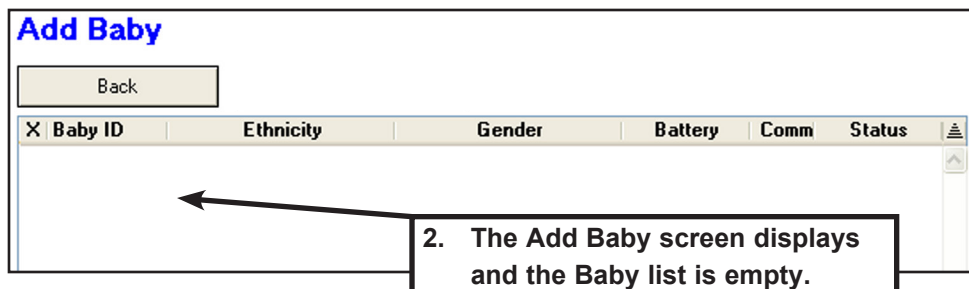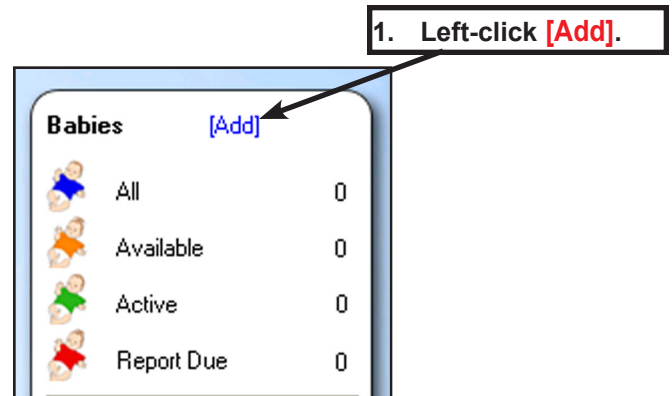
Add Babies to the Baby List

When the Control Center software starts, it displays the Main Screen. The Baby list shows all of the Babies in the Baby database (also referred to as the Baby list).

When the Control Center software is run for the first time, the database is empty and Babies must be added. Additional Babies can be added at any time.
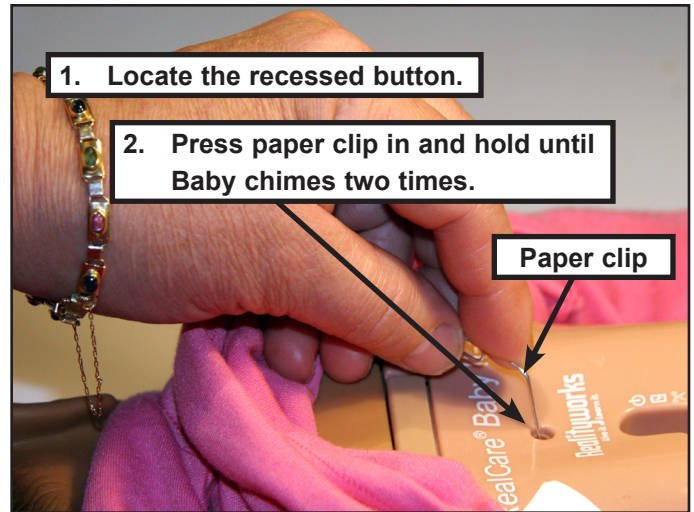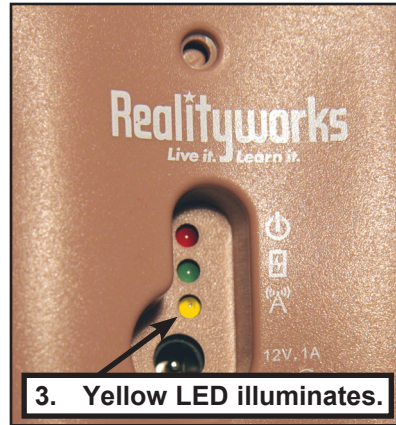
The Baby list is empty when the software is used for the first time.

All Babies

Demo	Program Baby	Birth Certificates	Get Report	Stop	Maintenance	Day Care

X Baby ID	Student	Start	Stop	Battery	Comm	Status

There are no Babies in this Control Center.
Use the top [Add] button on the left side to introduce Babies.

1.   Left-click [Add].

Open Add Baby Screen

1. On the main screen, left-click **[Add]**.
2. The Add Baby screen displays. If there are no active Babies in range, the list will be blank.

Babies	[Add]
All	0
Available	0
Active	0
Report Due	0

Add Baby

Back

X Baby ID	Ethnicity	Gender	Battery	Comm	Status

2.   The Add Baby screen displays and the Baby list is empty.

Activate Baby

1. Locate the small recessed button in the upper part of Baby's back.

2. Use a pointed object such as an unfolded paper clip to push inward and **_HOLD_** the button for **_two chimes_**, then release.

Do not use a ballpoint pen or pencil! Permanent damage to the Baby exterior can result!

1. Locate the recessed button.

2. Press paper clip in and hold until Baby chimes two times.

Paper clip

3. Yellow LED illuminates.

3. The yellow LED illuminates and stays on for three minutes. If yellow light turns off, repeat step 2.

Add Babies to Baby List

1. Activate Baby and open the Add Baby screen.

2. The Baby ID appears in the Add Baby screen table in the left column.

3. Battery level will display. Red indicates a very low charge. Baby should be charged immediately. Green indicates an adequate charge level.

4. RealCare Baby 3 will not have ethnicity or gender assigned. See Assigning Ethnicity and Assigning Gender for more details.

5. A green check in the **Comm** (Communication) column indicates communication with the wireless communication adaptor. A red crossed circle indicates that communication has been lost.

6. The **Status** column shows **Pending**. Baby's yellow LED will remain illuminated.

7. After several seconds, Baby's status on the Add Baby screen changes from **Pending** to **Added** and the check turns green. The Baby now belongs to this Control Center software.

8. If a Baby is not added to the Baby list for some reason, the Comm icon changes to a red, crossed-circle and the Status changes to **NOT Added**. When this happens, the Baby requires re-activation.

9. Left-click the Back button to return to the Main Screen.

Control Center Software Program Window
Introduction

RealCare® Control Center software contains all of the tools necessary to program Babies, download simulation reports, and perform maintenance on Babies. The software is used to:

- Assign Baby name and identification numbers.
- Assign student name and identification numbers.
- Assign Baby ethnicity and gender.
- Assign start and stop times for the infant care simulation.
- Assign care level — easy, medium, hard, custom, or random.
- Assign preset quiet times when Babies will not request care.
- Download simulation reports to a report database.
- Terminate a simulation before the scheduled stop time.
- Activate the day care option (a period when Baby does not require care).
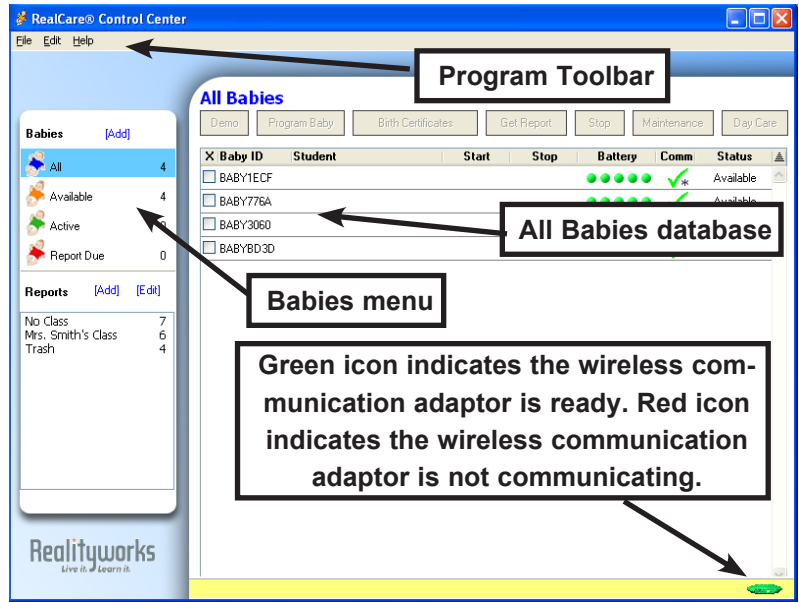
Starting the Control Center software opens the Main Screen, which displays the All Babies database, menus, and program toolbar.

Program Toolbar

All Babies database

Babies menu

Green icon indicates the wireless communication adaptor is ready. Red icon indicates the wireless communication adaptor is not communicating.

Babies Menu

Add................................ Displays the Add Babies screen to allow adding new Babies to the database. See Add Babies to the Baby List.

All Babies .... Displays the entire database list with Baby ID, student name, simulation start date, simulation stop date, battery condition, and communication status.

Available .... Displays a list of Babies available for a new simulation.

Active........................... Displays a list of Babies that are engaged in or programmed for a simulation.

Report Due .... Displays a list of Babies that have completed a simulation and have a final report ready to download.

Reports Menu

Reports .... Displays the entire existing report list. See Report List.

Add................................ Allows user to create a new report folder in the report database. See Add a Report Folder.

Edit.............................. Displays the report folder screen which permits renaming, emptying, or deleting report folders. See Edit Report Folders.

Trash .... A folder that contains deleted reports. See Delete a Folder.

Babies menu

Reports menu

Main Screen

The main screen with the All Babies list is the default screen and displays when Control Center software is started. The first time the software is used, the Baby list will be empty.
See Add Babies to the Baby List.
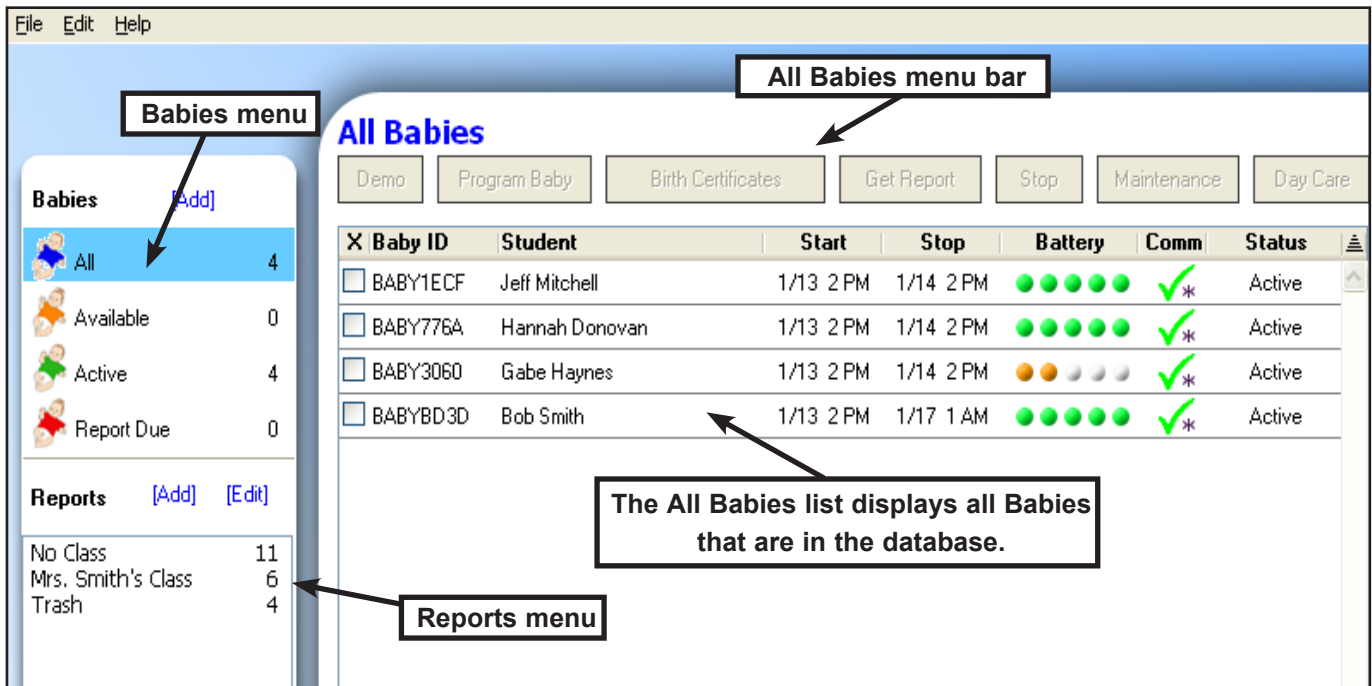
"All Babies" List Column Headers

Check Box .... Left-click the check box to select the Baby. A check will display in the box. Left-click again to de-select the Baby. Select or de-select all Babies on the list by left-clicking on the **X** at the top of the check box column.

☑ Select
☐ Deselect

Baby ID .... Column that displays the unique Baby identification number. This number is preset but can be changed on the Program Babies screen. See Assign Baby ID.

Student Name.............. Column that displays the student name assigned to the Baby on the Program Baby screen. This only appears for **Active** or **Report Due** Babies. See Assign Student and Baby Names.

Start .... Column that displays the infant care simulation start day and time. This only appears for **Active** or **Report Due** Babies. See Start a Simulation.

Stop.............................. Column that displays the infant care simulation stop day and time. This only appears for **Active** or **Report Due** Babies. See Start a Simulation.

Battery .... Column that displays the charge condition of the Baby battery module. Red dots indicate a very low charge. Babies with this battery condition need to be charged immediately. Green dots indicate an adequate charge level.

Comm .... (Communication) Column that displays the simulator communication condition. A green check indicates that the simulator has communication with the wireless communication adaptor. A red crossed circle indicates no communication.

Status.......................... Column that displays the simulator status of each Baby — **Available** (can be programmed for a simulation), **Active** (already programmed for a simulation), and **Report Due** (has completed a simulation but has not downloaded the simulation report).

All Babies Menu Bar

Demo............................ Displays the demonstration screen to allow demonstrating or practicing each of Baby's features individually or as a pre-selected group. Select one or more Babies and left-click **Demo** to display the Baby demonstration screen. See Baby Demonstration.

Program Baby .... Displays the program screen to assign the class name, Baby name, student name, caregiver ID numbers, ethnicity and gender, simulation start and stop times, care level schedule, and quiet time schedule. Select one or more Babies and left-click **Program Baby** to display the Program Baby screen. See Start a Simulation.

Birth Certificate........... Displays a screen to print one or more Baby birth certificates. Select one or more Babies and left-click **Birth Certificates** to display the Baby Birth Certificate Summary screen. See Baby Birth Certificate.

Get Report .... Downloads a report from a Baby that has a simulation in progress.

Stop.............................. Ends the simulation before the programmed stop time and downloads a report. Select one or more Babies and left-click **Stop** to end the simulation. See Stop Simulation Time.

Maintenance .... Displays the Maintenance screen to locate a Baby and perform troubleshooting functions. Select one Baby by left-clicking the Baby check box and left-click **Maintenance** to display the Maintenance screen. See Maintenance.

Day Care .... Displays the Day Care screen to start or stop day care. Select one or more Babies and left-click **Day Care** to display the Day Care screen. See Day Care.

Program Toolbar

The toolbar allows access to features that support Control Center software operation and technical support.

File Menu

Pod Tool....................... A tool for Product Support use. It should only be used with Product Support supervision.

Export .... Copies a selected report to the computer's virtual clip-board for pasting into an image editor, a word processing document or an e-mail.

Quit .... Left-click to close the Control Center software. Database is saved to the host computer.
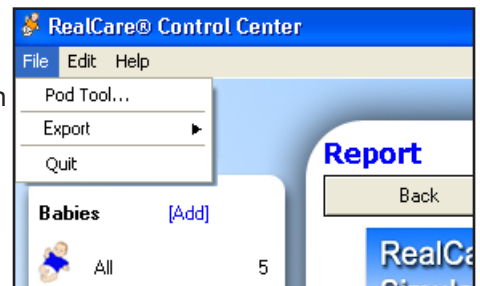
Edit Menu

Preferences .... Permits use of an alternate Baby communication channel if needed. See Assign a Comm Channel.

Delete Babies .... Permits the removal of selected Babies from the database. See Delete a Baby from the Baby List.

Help Menu

Help . . . . .Left-click Help to display the Control Center Help
Guide.

Check for Updates . . . . . .Left-click to download the latest software updates.

About . . . . .Left-click to display the product version number.
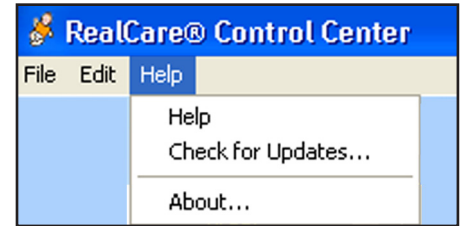
View Baby Information Screen

The View Baby Information screen allows the user to display the current Baby information.

Open the View Baby Information Screen

1. On any Main Screen Baby list, move the mouse cursor onto the Baby ID and left-click. The View Baby Information screen will display.

2. Left-click **Back** to return to the original screen.

1. **Left-click the Baby ID.**

2. **Left-click Back to return.**

View Baby Information

Back

Class
Home Room 102

Student	ID1	ID2
Cynthia Clark	08F95	B08A5

Baby	Baby ID	Gender	Ethnicity
Angela	Baby 3B3B	Female	American Indian

Start		Stop	
2/3/2006	11:00 AM	2/7/2006	4:00 PM

Schedule Order

1   4   8   6   5

Quiet Times

Baby Demonstration

The Demonstration screen allows practice or demonstration of all of Baby's features. Baby demonstration is available when the Baby status is **Available**.

The Demonstration screen for Baby is not available when Baby is **Active** or **Ready** (engaged in or programmed for an active infant care simulation).

Open the Demonstration Screen

1. On the Available Babies screen or All Babies screen, left-click the Baby check box for Baby to be demonstrated.

2. Left-click **Demo**. The Demonstration screen will display.
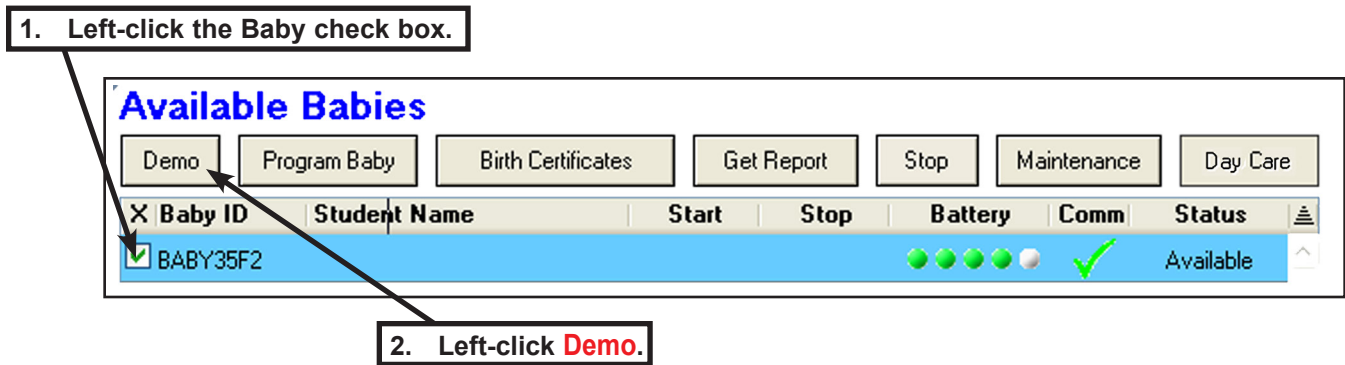
Demonstration Presets

Choose any of these preset demonstration options if you don't want to select specific event durations and order of demonstration. Left-clicking on **Preset 1**, **Preset 2**, **Feed**, **Burp**, **Diaper**, or **Rock** loads preset settings for a demonstration. Start the preset demonstration by left-clicking **Start Demo**.

Preset 1........................ Selects a preset mix of events that include Coo, Feed, Burp, Diaper, Cough, and Rock. Each event will demonstrate one time. Events play in order and last for 60 seconds with 30 seconds of quiet between each event.

Preset 2........................ Selects a preset mix of events that include Feed, Burp, Diaper, and Rock. Events will demonstrate in a random order continuously. Each event lasts 120 seconds with 30 seconds of quiet between each event.

Feed .... Selects the preset Feed demonstration setting which lasts 30 seconds.

Burp .... Selects the preset Burp demonstration setting which lasts 30 seconds.

Diaper .... Selects the preset Diaper demonstration setting which lasts 30 seconds.

Rock............................. Selects the preset Rock demonstration setting which lasts 30 seconds.

Start Demo

1. On the Demonstration screen, left-click the Baby check box for the Baby to be demonstrated.
2. Left-click a check box for one or more of **Coo**, **Feed**, **Burp**, **Diaper**, **Cough**, or **Rock** or one of the preset demonstrations (**Preset 1**, **Preset 2**, **Feed**, **Burp**, **Diaper**, or **Rock**).
3. Set the **Event duration** and **Quiet between events** time in seconds by left-clicking the up or down arrows.
4. Left-click **This order** or **Random order**.
5. Left-click **Play Once** or **Continuous**.
6. Left-click **Start Demo** to start the demonstration.
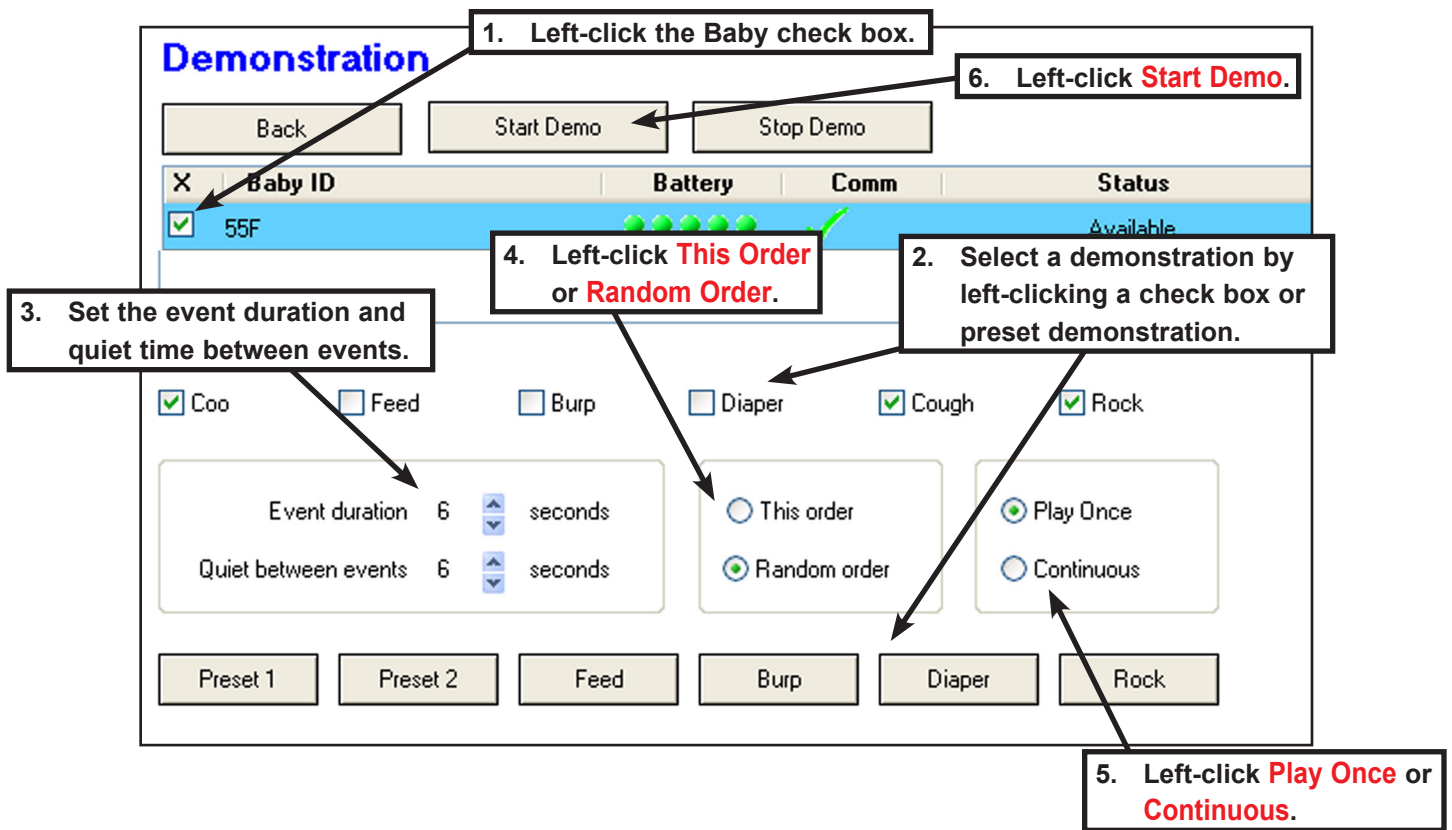
Stop Demo

Left-click **Stop Demo** to end the demonstration.

Start a Simulation

The Program Baby screen allows the user to assign the class name, the Baby name, student name, the ID1 and ID2 numbers, Baby ethnicity and gender, simulation start and stop times, simulation care level (easy, medium, hard, custom, or random), and quiet times when Babies will not require care.

Program Baby Screen

Open the Program Baby Screen

1. Left-click each **Baby check box** for each Baby to be programmed on the Main Screen database list.

2. Left-click **Program Baby**. The Program Baby screen will display to allow assigning data to the first Baby on the list.

1. **Left-click the Baby check box to program that Baby.**

2. **Left-click Program Baby.**
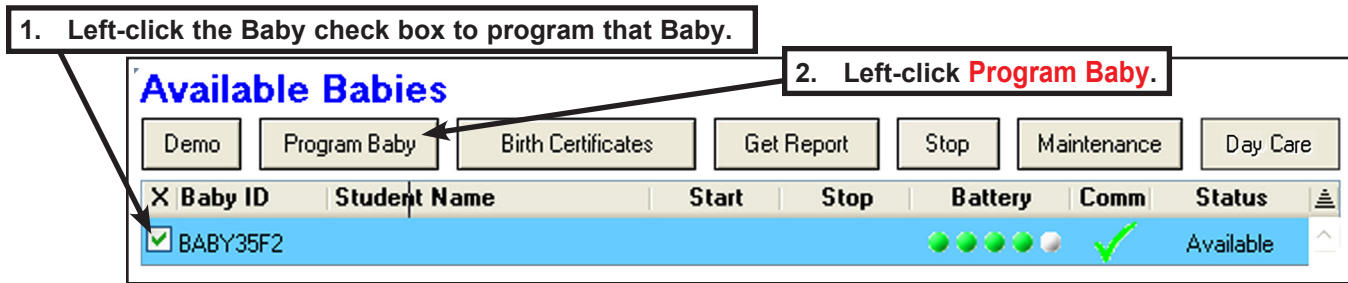
Program Baby Screen

1. Left-click **Previous** or **Next** to toggle to program screens for other selected Babies.

2. Left-click **Done** to display the Program Baby summary screen so that the program data can be saved.
See Save Program Data.

1. **Left-click Previous or Next to toggle through selected Babies on the list.**

2. **Left-click Done when finished.**

Class .... The report folder name where the final report will be stored. See Assign Class Name.

Student .... The name of the person participating in the simulation. See Assign Student and Baby Names.

Baby .... The name assigned to the infant simulator during the simulation. See Assign Student and Baby Names.

Baby ID .... The Baby identification number. See Assign Baby ID.

ID1 and ID2 .... The identification number for the small circular disc worn on a wristband by the person caring for Baby. The ID contains a micro chip with a unique identification number that is recognized by Baby. See Assign ID1 and ID2 Numbers.
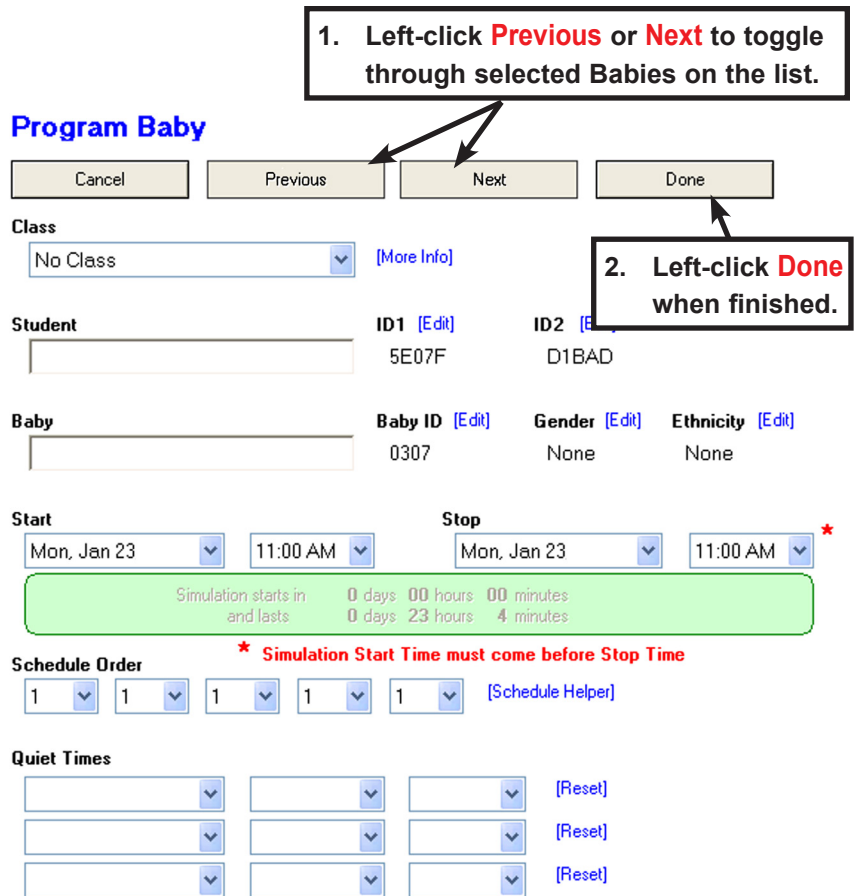
Ethnicity .... Ethnic identity assigned to each Baby. See Assign Ethnicity.

Gender .... Sex (male or female) assigned to each Baby. See Assign Gender.

Start .... The simulation scheduled start time and date. See Simulation Start and Stop Time.

Stop .... The simulation scheduled stop time and date. See Simulation Start and Stop Time.

Schedule Order .... The order in which Baby will follow the infant care schedules chosen by the instructor (easy, medium, hard, custom, or random levels can be selected). See Select Specific Schedule Numbers.

Quiet Times .... Pre-set periods of time throughout the simulation when the Baby does not request care from the participant. See Select Quiet Times.

Save Program Data

When all of the program information is entered, save the data to the Babies as follows.

Hint - Plug Babies into charger for faster communication.
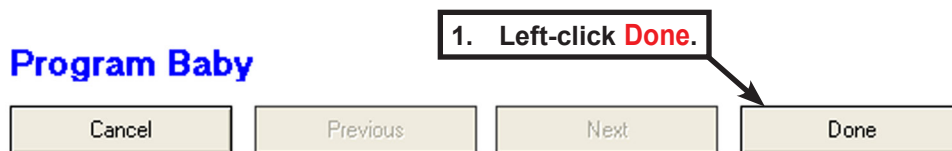
1. Left-click **Done**. The Program Baby - Summary screen will display.
2. Review the data displayed for accuracy.
3. To make changes to the data before saving it, left-click **Back** to reopen the Program Baby screen. Make any changes needed and left-click **Done** again.
4. If the data is correct, left-click **Send to Baby(s)**. The **Send to Baby(s)** button deactivates (grays out).
5. The program data is transmitted to the listed Baby or Babies.
6. Baby status changes from **Available** to **Pending** briefly, then to **Ready** or **Active** for a successful save.
7. Baby Status may also show **Fail**, which means communication with Baby was interrupted and the program data was not saved. If that happens, the **Send to Baby(s)** button re-activates. Left-click the button again to re-transmit the program data. If this happens frequently, see Assign a Comm Channel.
8. When the simulation begins, Baby status will change from **Ready** to **Active**.
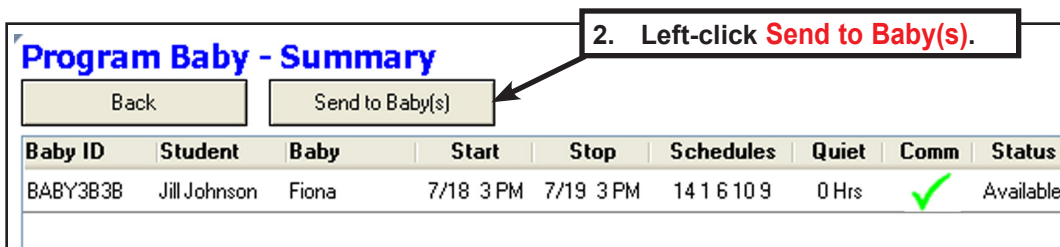
Assign Baby ID

The Baby ID number is pre-assigned to a Baby and identifies the Baby on various software screens. The Baby ID can be changed for a Baby after it is added to the Baby list.

Assign the Baby ID

1. On the Program Baby screen, left-click **Baby ID [Edit]**.

2. The Edit Baby ID dialog box displays. Enter the new Baby ID number. The identification can be no longer than eight letters, numbers, and spaces.

3. Click OK to save the new Baby ID and close the dialog box. The new Baby ID will appear below **Baby ID [Edit]**.

When finished entering all program data, left-click **Done**. See Save Program Data.

1. **Left-click to open the Edit Baby ID dialog box.**

Baby ID [Edit]
BABY35F2

Baby Control Center - Edit Baby ID

Please enter a new Baby ID below...

Baby ID is your personal Baby identifier. Use letters, numbers, and spaces up to 8 characters

55F

OK   Cancel
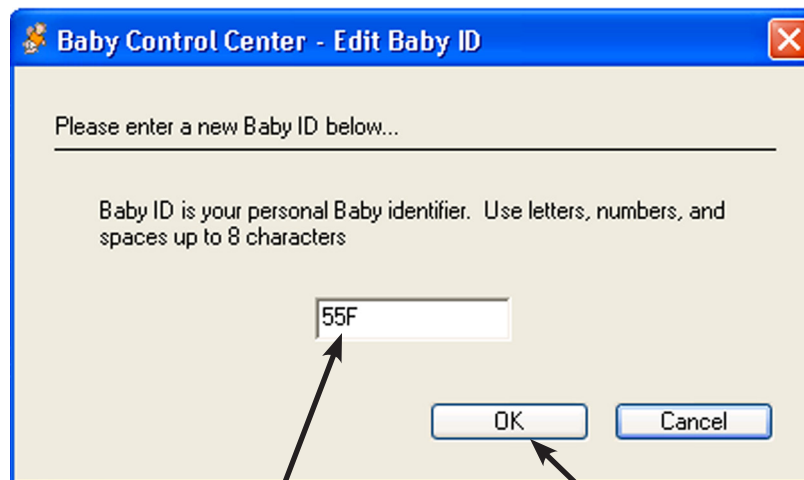
2. **Enter the new Baby ID.**

3. **Left-click OK.**

Assign Class Name

When Baby completes a simulation, the Control Center software downloads a final report. The report appears in the reports folder with the class name. See Report List.

1. On the Program Baby screen, left-click the **Class** field down arrow.

2. Select a Class Folder Name by left-clicking an existing name in the drop-down menu or left-click **New Class** to create a new class folder.

1. **Left-click to display Class Name list.**

2. **Left-click New Class to display the add report folder.**
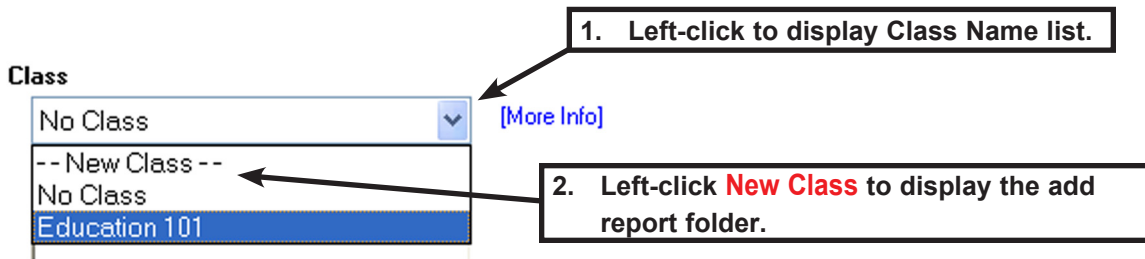
3. Left-clicking **New Class** opens the Add Report Folder dialog window. Enter the new folder name into the text field. ***The class folder name can be no longer than 15 characters (letters, number, and spaces).***

4. Left-click **OK** to save the folder name.

When finished entering all program data, left-click **Done**. See Save Program Data.

3. **Enter a new Class Name.**

4. **Left-click to save the new class name.**
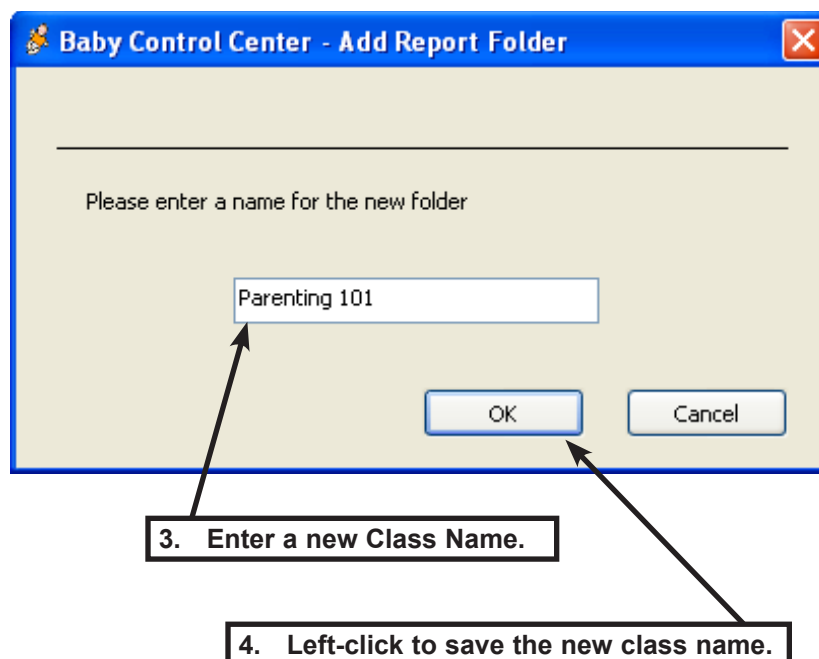
Assign Student and Baby Names

When the simulation final report is generated and downloaded to a report folder, the student name and the Baby name appear within the report. A student and Baby name should be assigned for each new simulation.

Enter Student and Baby Name

1. On the Program Baby screen, select the **Student** text field and enter the student name.
2. Select the **Baby** text field and enter a Baby name.

When finished entering all program data, left-click **Done**. See Save Program Data.
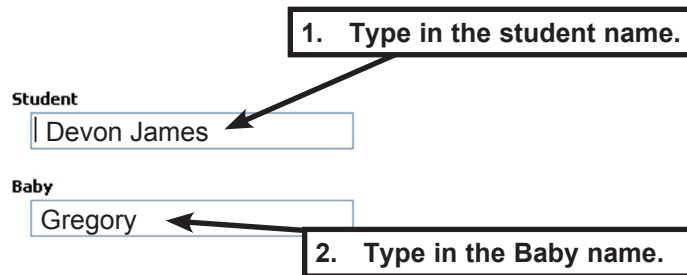
Assign ID1 and ID2 Numbers

Before starting a simulation, Baby is assigned an identification disc with a unique identification number. When this number is entered into the Baby database it allows Baby to recognize and record the caregiver's performance during the simulation. Each Baby can have two IDs—ID1 and ID2.

Assign the IDs

1. Left-click **ID1 [Edit]** or **ID2 [Edit]**.

2. The Edit Student ID dialog box displays. Enter the five digits printed on the ID disc.

3. Left-click **OK** to save the ID number and close the dialog box. The new ID number will appear below **ID1 [Edit]** or **ID2 [Edit]**.

When finished entering all program data, left-click **Done**. See Save Program Data.

1. Left-click to open the Edit Student ID dialog window.

Student	ID1 [Edit]	ID2 [Edit]
Jill Johnson	08F95	B08A5

Baby Control Center - Edit Student ID1

Please enter the 5 digits printed on the ID bound to your Baby in the field below...

08F95

SAMPLE

OK   Cancel

2. Enter the ID number. Enter ID1 and ID2 separately.

3. Left-click to save the new ID number.

Assign Ethnicity

The ethnicity can be changed by following the steps below.

1. Left-click **Ethnicity [Edit]**.

2. The Edit Ethnicity dialog box displays. Left-click on the desired ethnicity name.

3. Left-click **Cancel** to abandon entering the ethnicity and close the dialog box or left-click **OK** to save the ethnicity and close the dialog box.

4. The new ethnicity will appear below **Ethnicity [Edit]**.

When finished entering all program data, left-click **Done**. See Save Program Data.

Assign Gender

The gender can be changed by following the steps below.

1. Left-click **Gender [Edit]**.

2. The Edit Gender dialog box displays. Left-click on the desired Baby gender.

3. Left-click **Cancel** to abandon entering the gender and close the dialog box or left-click **OK** to save the gender and close the dialog box.

4. The new gender will appear below **Gender [Edit]**.

When finished entering all program data, left-click **Done**. See Save Program Data.

Program Baby

Cancel	Previous	Next	Done

Class

No Class   [More Info]

Student   **ID1** [Edit]   **ID2** [Edit]

13D49   13D49

Baby   **Baby ID** [Edit]   **Gender** [Edit]   **Ethnicity** [Edit]

BABY3B3B   Female   Caucasian

> 1. Left-click on **Gender [Edit]** to display the Edit Gender dialog box.

Baby Control Center - Edit Gender

Select from the list below...

Male
Female

OK   Cancel

> 2. Left-click to select the desired gender.

> 3. Left-click **OK** to save the gender.

Gender [Edit]

Female

> 4. The gender displays below **Gender [Edit]**.

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Simulation Start and Stop Time

Before starting a simulation, the start time and stop time must be scheduled on the Program Baby screen. A simulation can be programmed up to seven days in advance and can run for up to seven days in length.

Start

| Fri, Jul 21 | ∨ | 8 AM | ∨ |

Stop

| Mon, Jul 24 | ∨ | 8 AM | ∨ |

| Simulation starts in | **0** days | **23** hours | **8** minutes |
| and lasts | **3** days | **0** hours | **0** minutes |

Start Simulation Time

1. Left-click the **Start** day down arrow.
2. Left-click on the day to start the simulation.
3. Left-click the **Start** time down arrow.
4. Left-click on the desired time to start the simulation.

3. Left-click the down arrow.

1. Left-click the down arrow.

Start

| Tue, Jul 18 | ∨ | | 4 PM | ∨ |

Tue, Jul 18
Wed, Jul 19
Thu, Jul 20
Fri, Jul 21
Sat, Jul 22
Sun, Jul 23
Mon, Jul 24

2. Left-click to select the desired start day.

4. Left-click to select the desired start time.
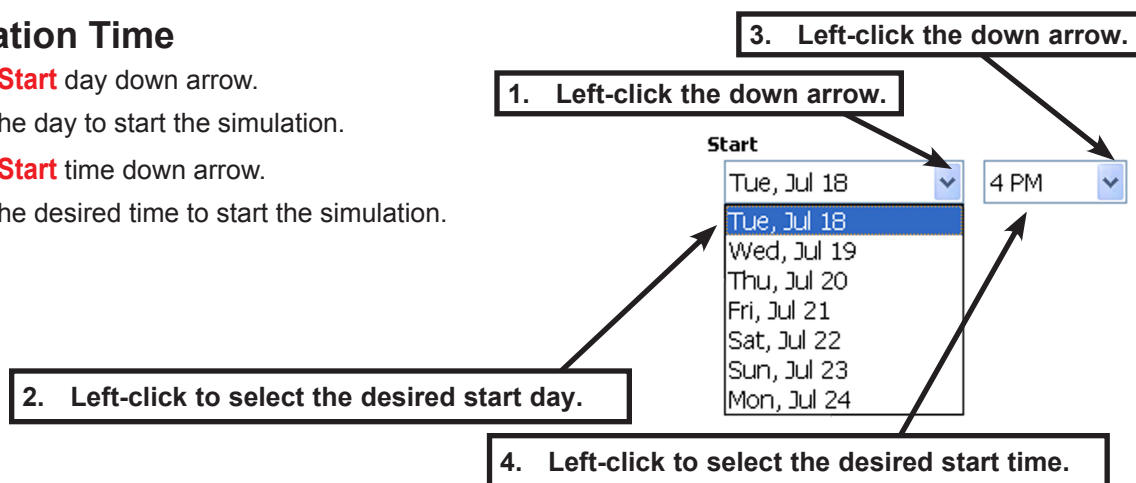
Stop Simulation Time

The scheduled simulation stop day and time must create a simulation of at least one hour.

1. Left-click the **Stop** day down arrow.
2. Left-click on the desired day to stop the simulation.
3. Left-click the **Stop** time down arrow.
4. Left-click on the desired time to stop the simulation.

When finished entering all program data, left-click **Done**. See Save Program Data.

3. Left-click the down arrow.

1. Left-click the down arrow .

Stop

| Wed, Jul 19 | ∨ | | 4 PM | ∨ |

12 AM
1 AM
2 AM
3 AM
4 AM
5 AM
6 AM
7 AM
8 AM
9 AM
10 AM
11 AM
12 PM
1 PM
2 PM
3 PM
4 PM
5 PM
6 PM
7 PM
8 PM
9 PM
10 PM

2. Left-click to select the desired stop day.

4. Left-click to select the desired stop time.
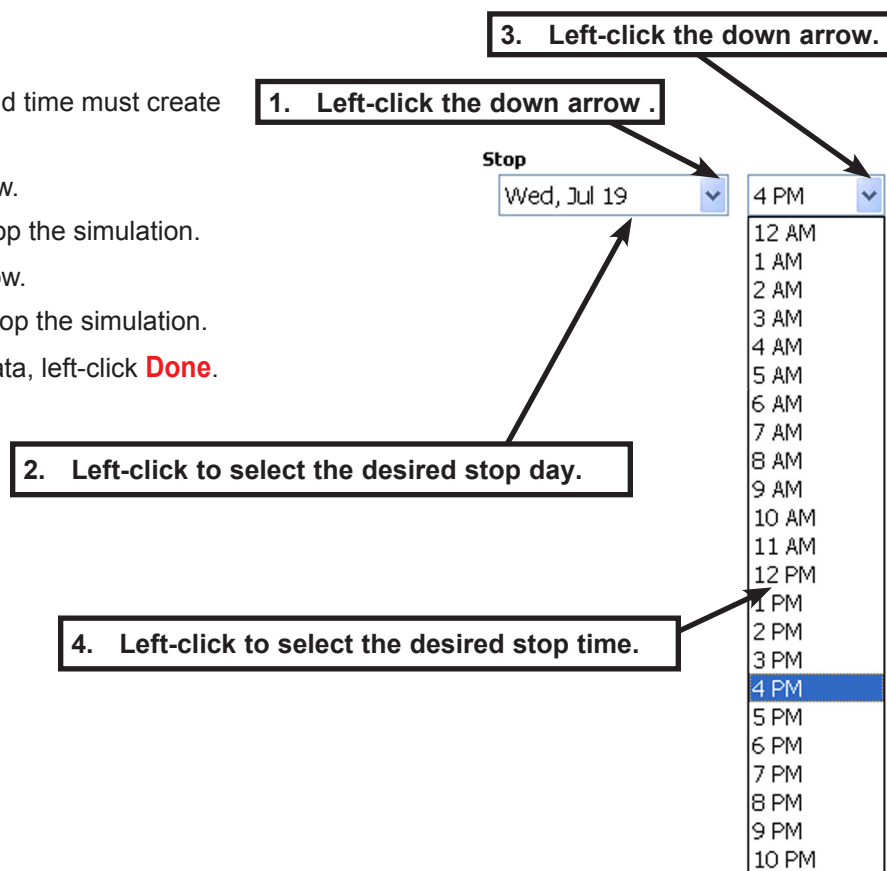
Select Specific Schedule Numbers

Selecting specific schedule numbers for each day of the simulation is a separate option from selecting an easy, medium, or hard mix of schedules for all days. To learn how to select an easy, medium, or hard mix of schedules, see the "Schedule Helper" section on the next page.

Specific schedule numbers or a care level must be selected for the simulation before it starts. There are 15 real infant schedules you can choose from, and they are ranked as easy, medium, or hard. A random mix is also available (see next page). The care level or specific schedule numbers are scheduled for five days. If the simulation lasts more than five days, the schedules will repeat from the beginning.

Schedule Order - To choose specific schedule numbers for each day:

Each schedule order field represents one day of the simulation.

1. Left-click the **Schedule Order** down arrow.
2. Left-click the desired schedule number.

Easy Care Schedules:

— 9, 11, 12, 13, or 15.

Medium Care Schedules:

— 2, 3, 7, 10, or 14.

Hard Care Schedules:

— 1, 4, 5, 6, or 8.
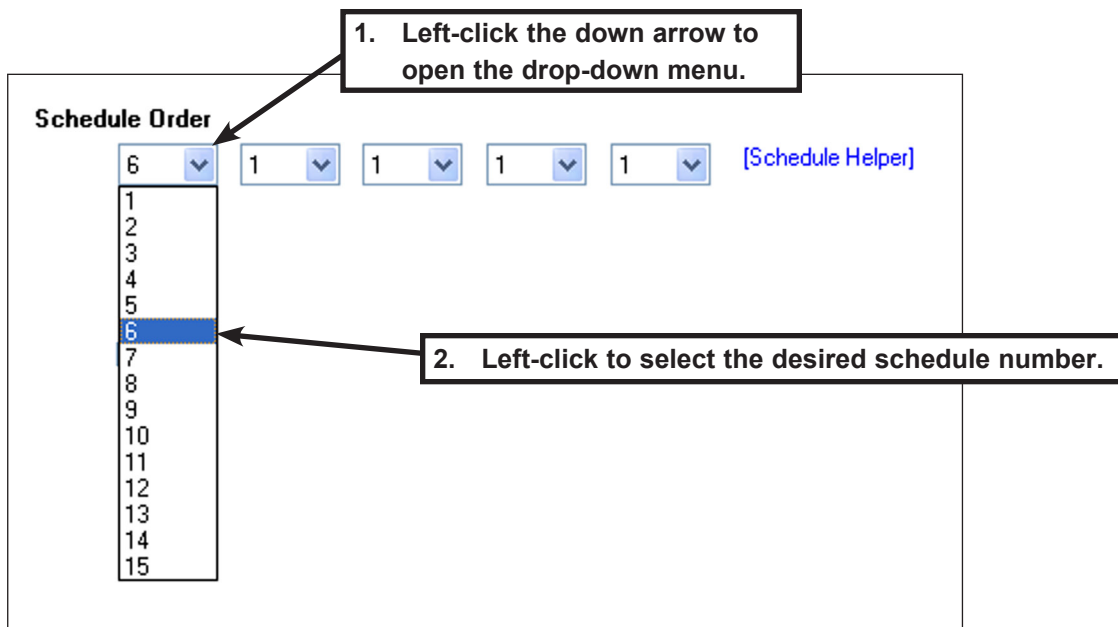
Schedule Helper

The schedule helper dialog window lets you choose an easy, medium, hard, or random mix of infant schedules.

1. Left-click **Schedule Helper** to open the Schedule Helper dialog box.

> 1. **Left-click [Schedule Helper] to open the dialog box.**

Schedule Order

| 6 | 1 | 1 | 1 | 1 | [Schedule Helper] |
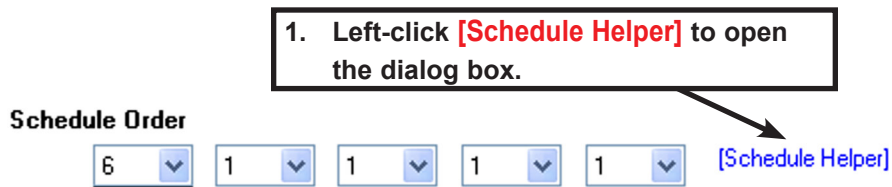
Random Schedule Selection

1. Left-click on **Easy Mix**, **Medium Mix**, Hard Mix, or **Random** to select a schedule mix.
2. Left-click **OK** to save selected schedule mix and close the dialog window.

Baby Control Center - Schedule Helper

Schedule Order

| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| 1 | 8 | 4 | 5 | 6 |

- ○ Easy Mix (9, 11, 12, 13, 15)
- ○ Medium Mix (2, 3, 7, 10, 14)
- ⦿ Hard Mix (1, 4, 5, 6, 8)
- ○ Random (1 - 15)

OK   Cancel

> 1. **Left-click to select the desired schedule mix.**

> 2. **Left-click OK to save your choices.**
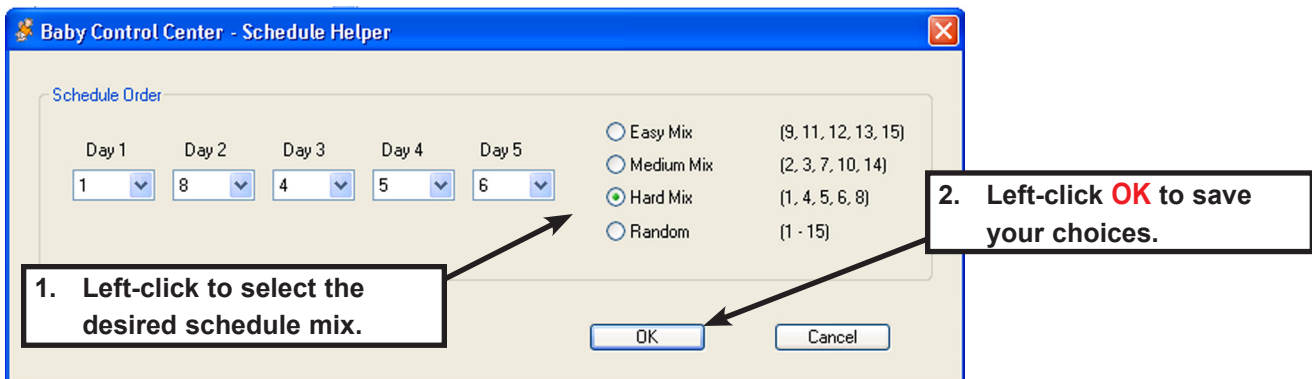
Make Changes to the Schedule Mix Manually

Changes to the mix of schedules can be made manually in the Schedule Helper dialog box.

1. Left-click the down arrow for one of the days.
2. Left-click the desired schedule number.
3. Left-click **Cancel** to abandon changes and close the dialog box or left-click **OK** to save changes and close the dialog box.

Baby Control Center - Schedule Helper

Schedule Order

| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| 6 | 8 | 4 | 5 | 6 |

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

- ○ Easy Mix (9, 11, 12, 13, 15)
- ○ Medium Mix (2, 3, 7, 10, 14)
- ⦿ Hard Mix (1, 4, 5, 6, 8)
- ○ Random (1 - 15)

OK   Cancel

> 1. **Left-click down arrow.**

> 2. **Left-click to select the desired schedule number.**

> 3. **Left-click OK when finished.**
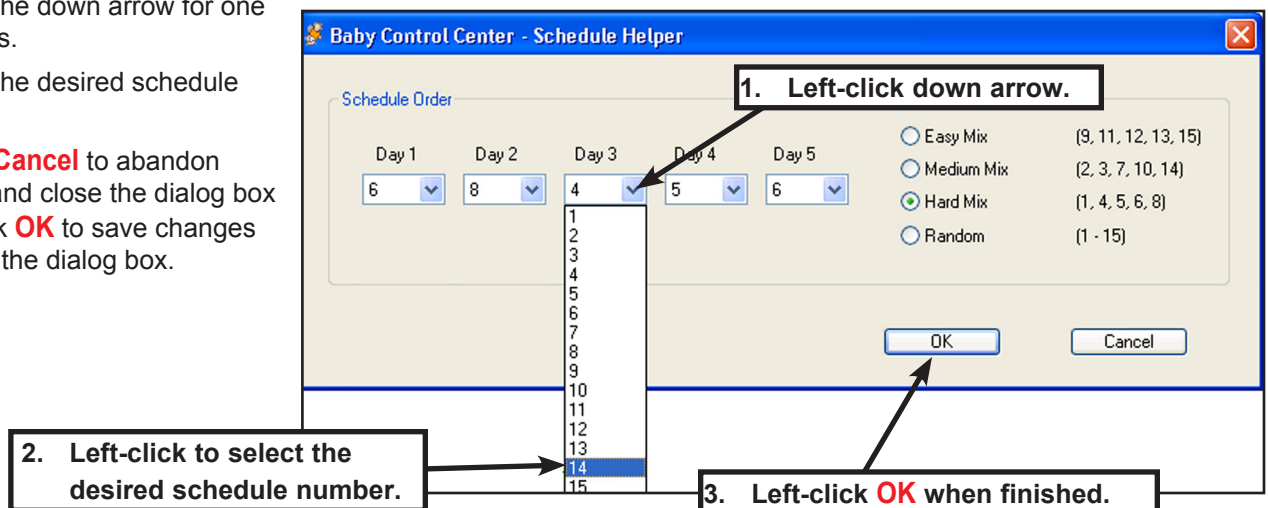
When finished entering all program data, left-click **Done**. See Save Program Data.

Select Quiet Times

Quiet times are preset periods during the simulation when Baby does not require care. Up to three quiet times can be set during a simulation. Each quiet time can be up to 12 hours long. Quiet times starting at or before the start time or after the stop time are ignored.

Set the Day

1. Left-click on **Quiet Time** day down arrow.

2. Left-click on the desired day.

Set the Start Time

1. Left-click on **Quiet Time** start time down arrow.

2. Left-click on the desired start time.

Set the Duration

1. Left-click on the **Quiet Times** duration down arrow.
2. Left-click on the desired duration.

1. Left-click the down arrow.

2. Left-click to select the desired duration.
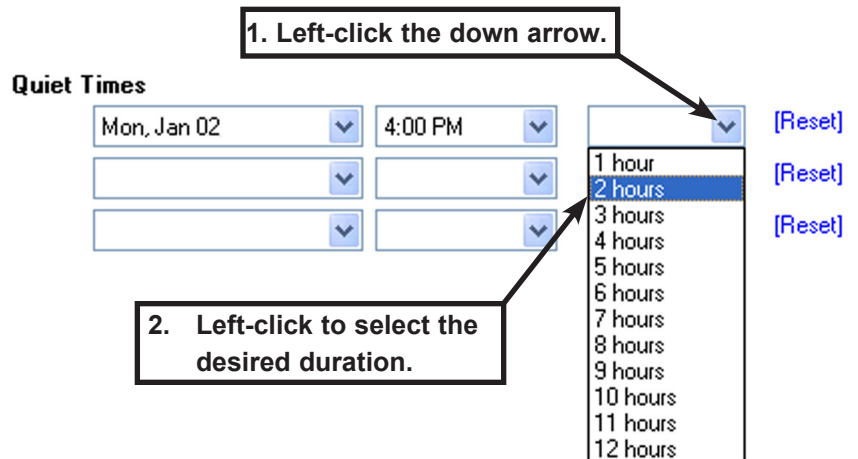
3. The total scheduled quiet time displays in an information window. It is possible to schedule quiet time periods that overlap. Overlapping quiet time periods and quiet time scheduled before the simulation start time and after the simulation stop time are not included in the total quiet time.

3. Total scheduled quiet time displays in this information window.
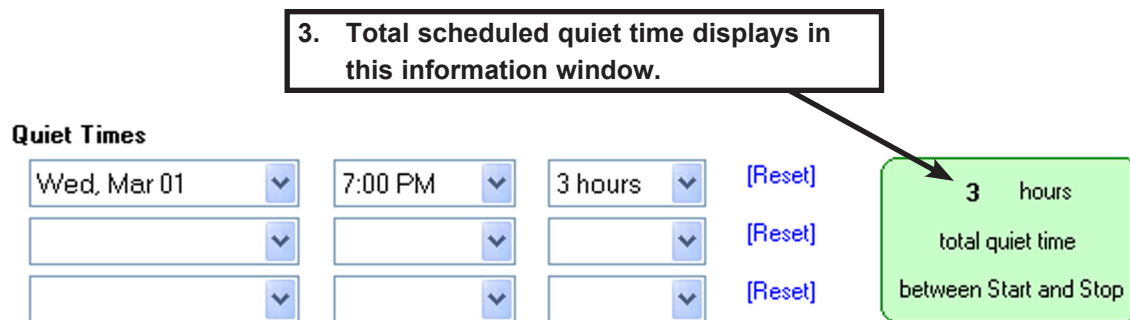
Clear a Scheduled Quiet Time

1. Left-click **[Reset]**. The scheduled quiet time period will be deleted from the simulation.

1. Left-click [Reset].
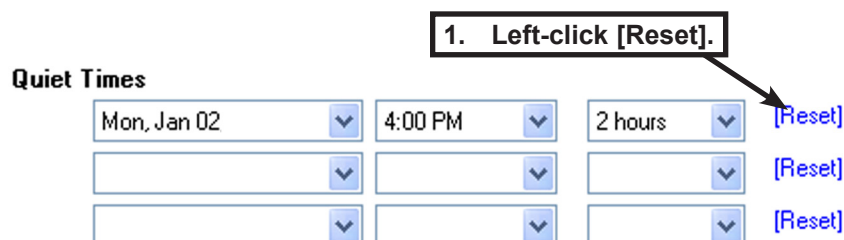
When finished entering all program data, left-lick **Done**. See Save Program Data.

Day Care

Day care is activated on demand when the student cannot care for Baby. Baby does not request any care when the day care option is active. The Day Care screen allows the user to start and stop day care.

To start and stop day care, Baby must be engaged in an active simulation. Babies will also need to be within communication range.

Start and Stop Day Care

1. On the Active Babies screen, left-click the Baby check box.

2. Left-click the **Day Care** button. The Day Care screen will display.

3. On the Day Care screen, left-click on the Baby check box to select a Baby for day care.

4. Start day care by left-clicking **Start Day Care**. Baby will not require care until day care is ended. The status will change from **Active** to **Day Care**.

5. Stop day care by left-clicking **End Day Care**. Baby will resume the simulation and the status will change from **Day Care** to **Active**.

6. Left-click **Back** to close the Day Care screen.

Baby Birth Certificate

The Baby Birth Certificates - Summary screen allows printing birth certificates on a host computer printer, or as a hard copy if you have a printed curriculum binder. This template can be printed or photocopied and birth certificate data for each participant can be printed from the All Babies screen or the Available Babies screen in the software.

Open the Baby Birth Certificates Screen

1. On a Baby list, left-click the Baby check box.

2. Left-click **Birth Certificates**. The Baby Birth Certificates - Summary screen will display.

2. Left-click Birth Certificates.

1. Left-click the Baby check box.
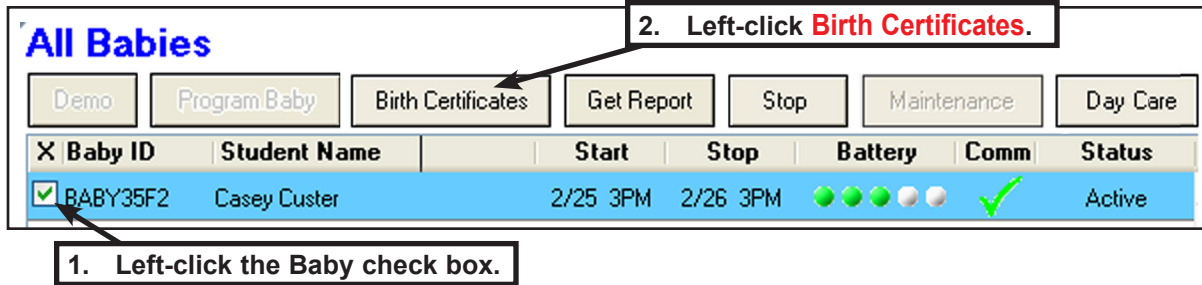
Print Birth Certificate

1. On the Baby Birth Certificates - Summary screen, left-click **Print Birth Certificates**. The print dialog box displays.
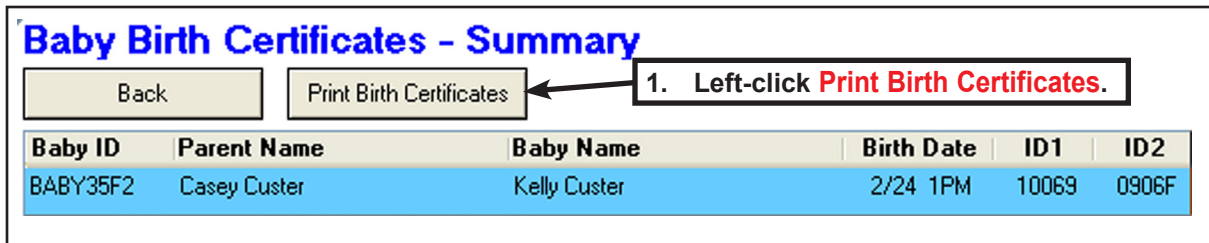
1. Left-click Print Birth Certificates.

2. Left-click **Preferences** to select the page size, orientation, margins, and set the paper source to manual feed or bypass.

3. Left-click on the printer to be used.

4. Insert the birth certificate templates into the manual feed tray of your printer. Print one birth certificate first, as a test, to make sure that you have inserted the paper into the printer in the right direction.

5. Left-click **Print**. The birth certificate will print.

3. Select a printer.

2. Left-click Preferences to select the page size, orientation, margins, and set the paper source to manual feed or bypass.

5. Left-click Print.
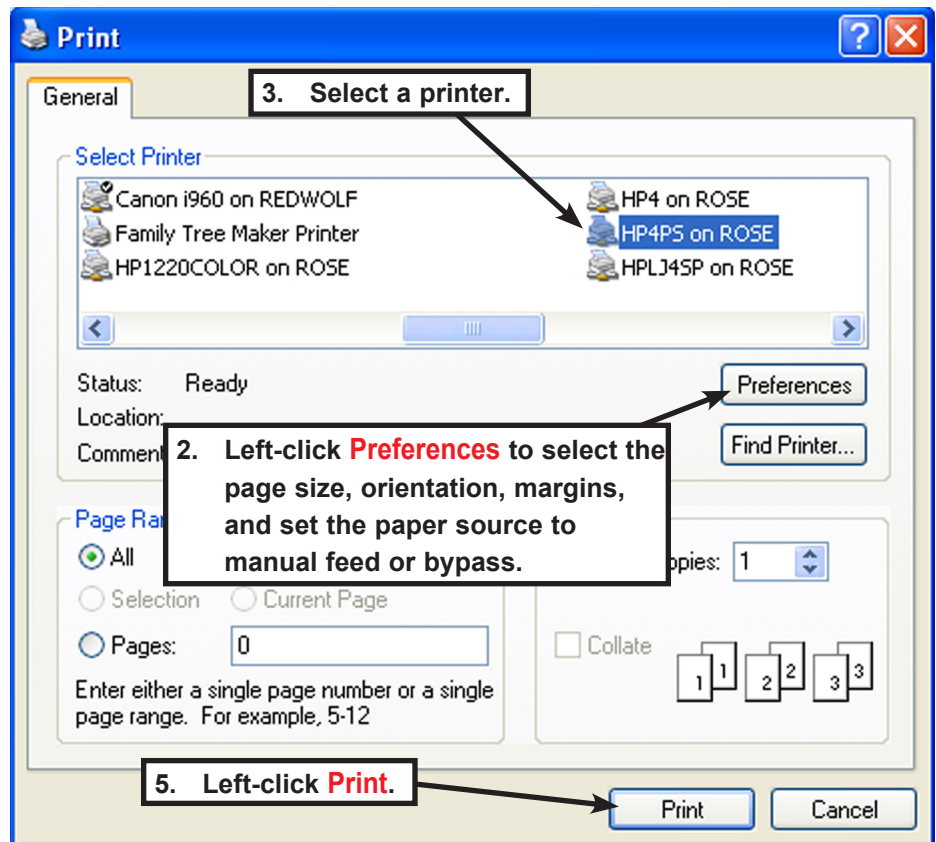
Generating Reports

Control Center software enables users to generate two types of reports:

1. Optional manual progress reports to monitor participants while the simulation is in progress.
2. Final reports automatically created for each participants at the end of the simulation.

The option below allows retrieval of simulation data from Baby while the simulation is still in progress.

Select Babies and Get Report

Make sure all Babies you want to Get Reports for are within communication range of the wireless communication adaptor. If Babies are not within range, the command will time out after a few attempts.

1. On the Baby list, left-click all of the Baby check boxes you want a report for.
2. Left-click **Get Repor**t. The software and wireless communication adaptor will search for each checked Baby in the list, one at a time, and retrieve the simulation reports.
3. The Status column will change briefly to read **Get Report** and then **Report OK** if the command was successful, or **Report Fail** if the command failed.

The simulation report will be placed into the folder that Baby's reports have been assigned to. Each new download of a report for that Baby during the same simulation will overwrite the old report automatically and store it in the same location. When the simulation is over and Baby is brought within range of the computer, the software automatically retrieves the final simulation data and overwrites the older report.
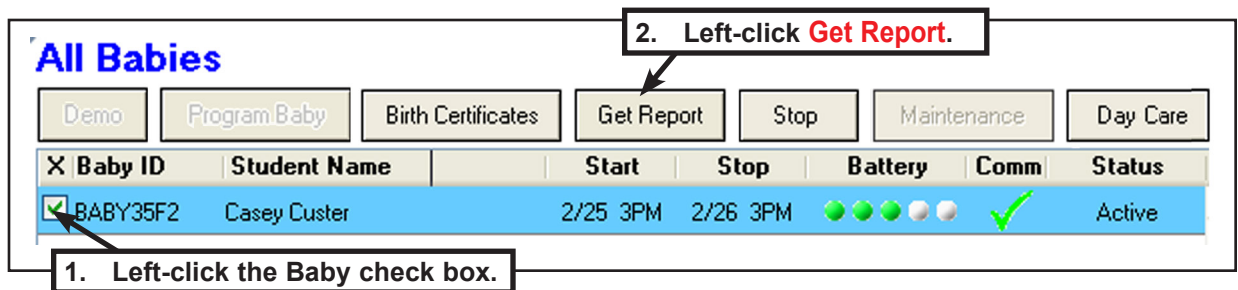
After the Simulation

The Report menus allow collecting, viewing, exporting, and printing student reports. You can edit the Class Name, Student Name, Baby Name, or add your own comments to the reports. When the Control Center software is opened for the first time, there is only one report folder in the report database, called No Class. See Assign Class Name or Add a Report Folder to learn how to create, move, and delete folders. See Using Reports to learn how to edit the rubric and other information in each simulation report.
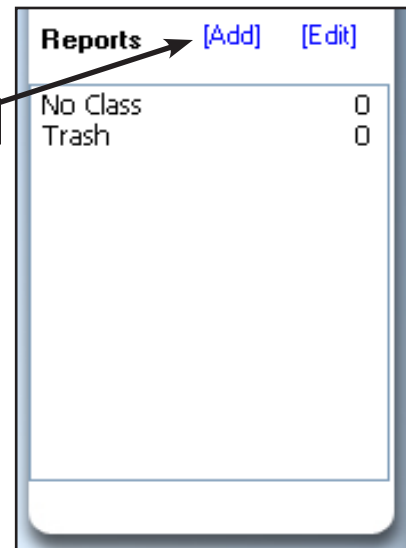
Report List

Simulation reports are added to a report folder by entering the report folder name when programming Baby for a simulation. See Assign Class Name.

Add a Report Folder
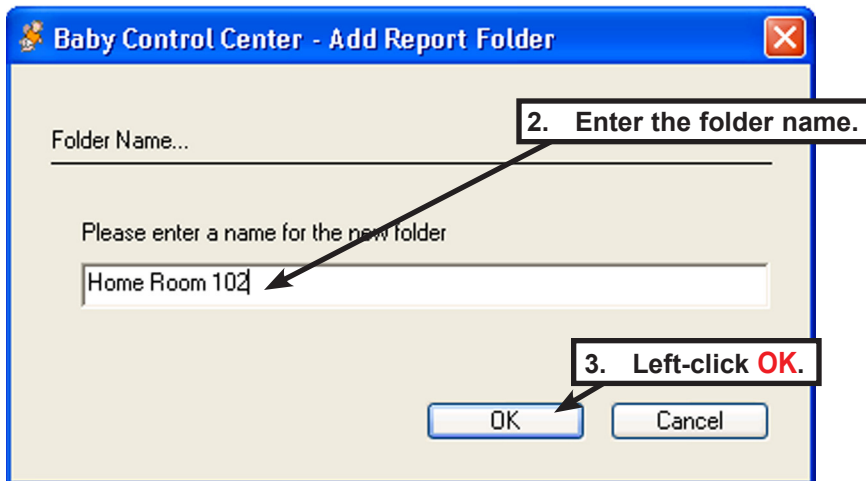
1. On the main screen, left-click **Reports [Add]**. The Add Report Folder dialog box displays.

2. Enter the new folder name into the text field.

3. Left-click **OK** to save the folder name or **Cancel** to abandon creating a new folder and close the dialog box.

Note: The "No Class" folder itself cannot be deleted or renamed.

1. Left-click **[Add]**.

Reports	[Add] [Edit]
No Class	0
Trash	0
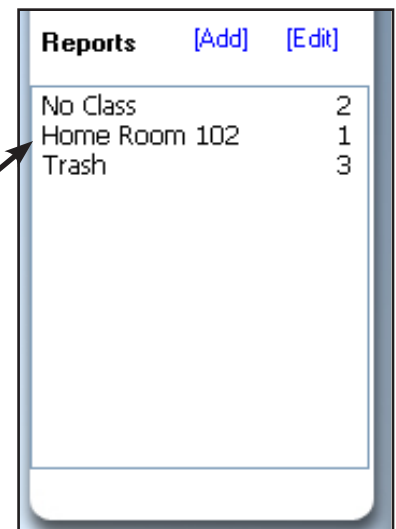
Baby Control Center - Add Report Folder

Folder Name...

2. Enter the folder name.

Please enter a name for the new folder

Home Room 102

3. Left-click **OK**.

OK   Cancel

4. The new folder name displays on the report list with the number of reports in the folder.

4. The folder name displays on the folder list.

Reports	[Add] [Edit]
No Class	2
Home Room 102	1
Trash	3

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Edit Report Folders

You can rename report folders, empty reports to the trash folder, or delete a single report (move it to the trash folder).

1. Left-click **Reports [Edit]** to open the Report Folders screen.
2. The Report Folders screen displays.

> **Reports**   [Add]   [Edit]
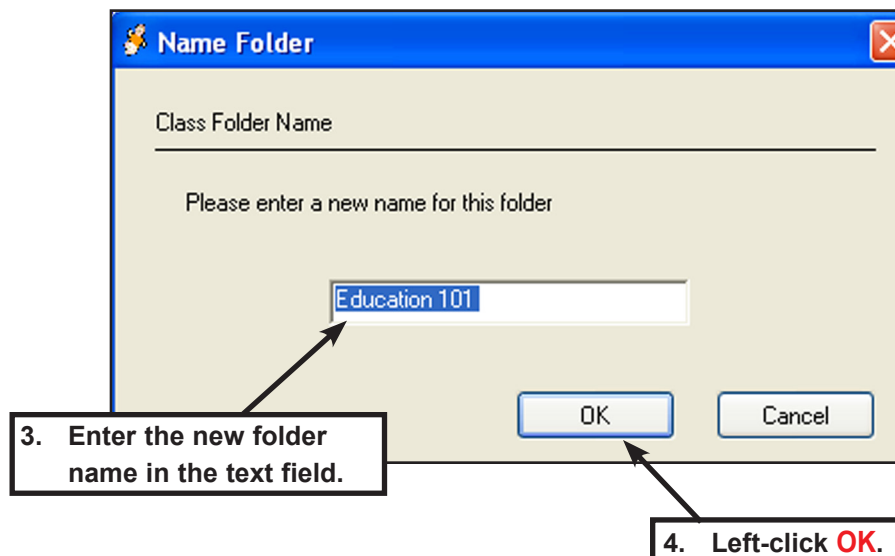>
> No Class   2
> Home Room 102   1
> Trash   3

1. Left-click [Edit].
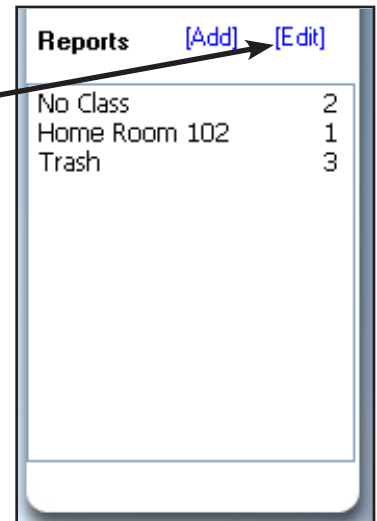
Rename a Folder

1. To rename a folder, left-click the folder check box on the folder list.
2. Left-click **Rename**. The Name Folder dialog box displays.

2. Left-click Rename.

Report Folders		
Rename	Empty	Delete

X		Name	Reports
☐		No Class	3
☑		Home Room 102	1
☐		Trash	0

1. Left-click the folder check box.
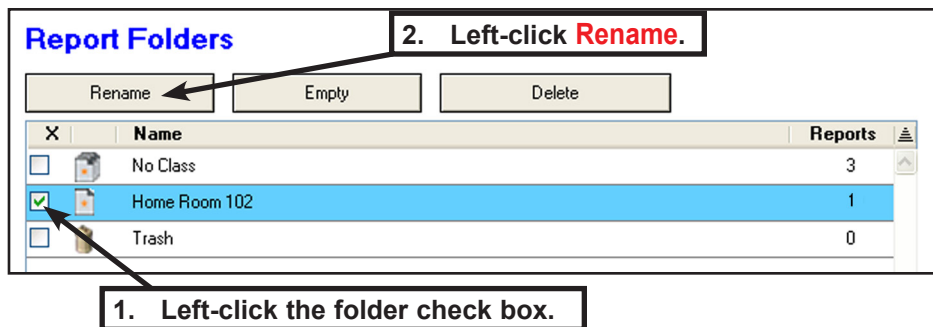
3. Enter the new folder name into the text field.
4. The class folder name can be no longer than 15 characters (letters, numbers, and spaces).
5. Left-click **OK** to save the new folder name or **Cancel** to abandon renaming a folder and close the dialog box.
6. The new folder name displays on the report list with the number of reports in the folder.

> **Name Folder**   ✕
>
> Class Folder Name
> _____
>
> Please enter a new name for this folder
>
> [Education 101]
>
> [OK]   [Cancel]

3. Enter the new folder name in the text field.

4. Left-click OK.

Empty a Folder

Folders must be emptied before they can be deleted.

1. Left-click on **Reports [Edit]** to open the Report Folders screen.
2. Left-click the folder check box for the folder to be emptied.
3. Left-click **Empty** on the Report Folders screen.
4. All reports in the selected folder are moved to the trash folder.

3. Left-click Empty.

2. Left-click the folder check box.

1. Left-click [Edit].
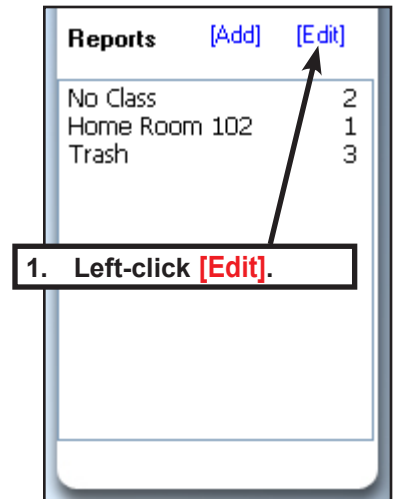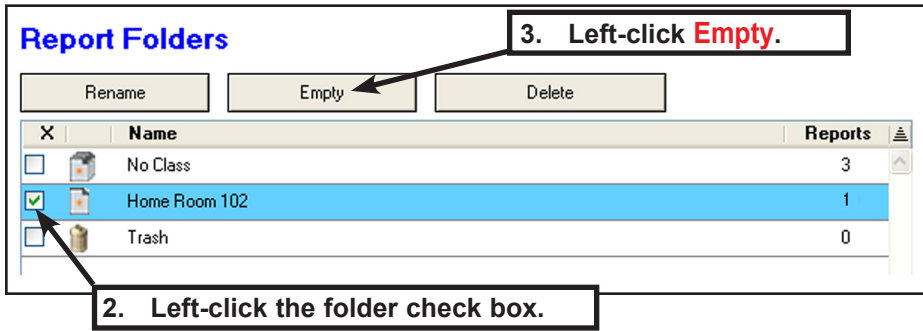
Delete a Folder

A folder cannot be deleted if it contains any student reports. See Empty a Folder.

1. To delete a folder, click the folder check box on the folders list.
2. Left-click **Delete** on the Report Folders screen.
3. The selected report folder is erased from the database.

2. Left-click Delete.

1. Left-click the folder check box.
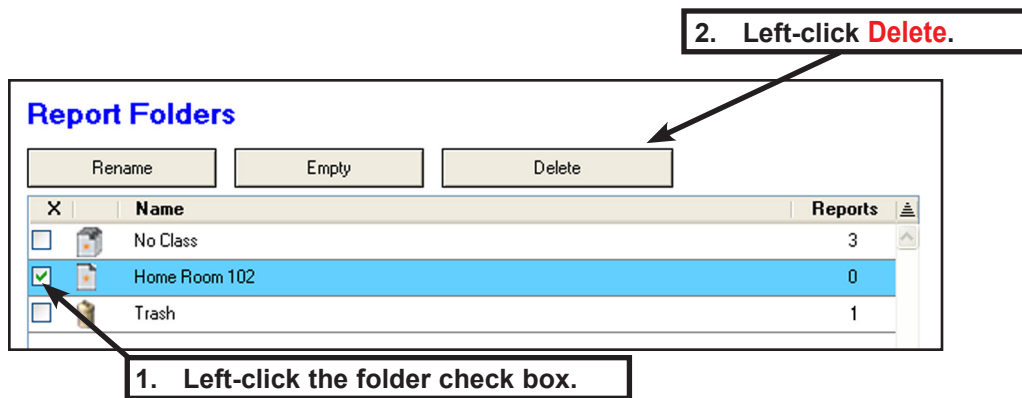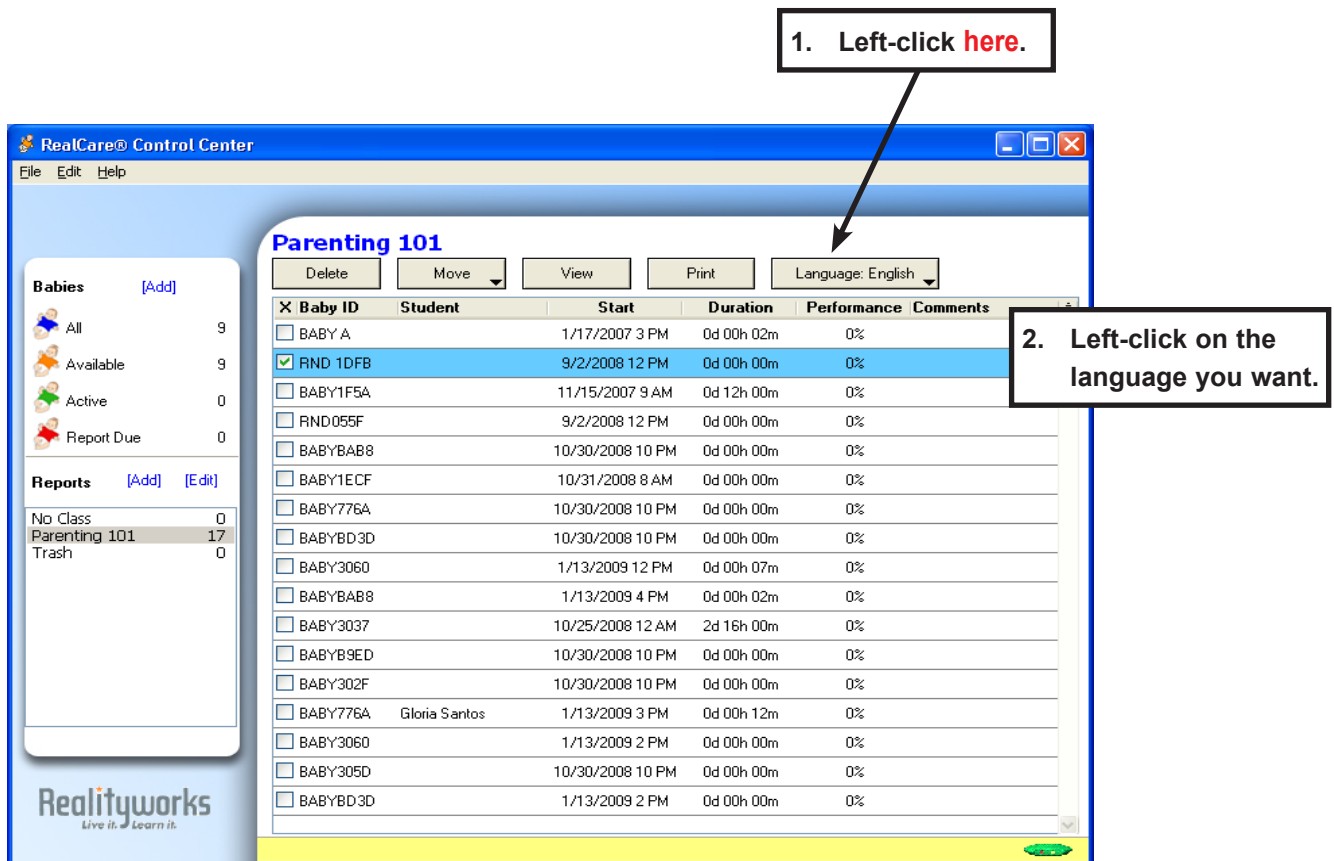
Selecting the Report Language

Reports can be viewed and printed in another supported language, regardless of the language you are using on your computer.

Select a language

1. Left-click on **Language: English**. A drop-down list will appear containing other language choices.
2. Left-click on the language you would like to use for viewing and printing reports. All reports will be displayed and printed in that language until you change it.

Using Reports

Reports in the report folder list can be viewed, edited, printed, moved to a different folder, or deleted.

View a Report

1. Left-click on the report folder name that contains reports to be viewed.
2. The list of reports in the folder display on the folder list. Left-click on the Baby check box for the report or reports to be displayed.
3. Left-click on **View**. The first selected report will display.
4. Left-click Previous and Next to toggle between each report.
5. Left-click **Back** to close the report without saving any changes or left-click **Done** to save and changes and close the reports.

Reports [Add] [Edit]

No Class	2
Parenting Ed 1	1
Trash	3

1. **Left-click the folder name.**

2. **Left-click on the Baby check box.**

3. **Left-click View.**

Parenting 101

| Delete | Move | View | Print | Language: English |

X	Baby ID	Student Name	Start	Duration	Performance	Comments	
☑	BABY3B3B	Fallon	3/26/2006 10 P...	2d 23h 18m	60%		
☐	BABY3B3B	PRN1	4/22/2006 9 A...	1d 10h 0m	41%		
☐	WHMALE	Barb	4/22/2006 10 ...	5d 0h 0m	83%		
☐	WHFEM	PRN2	4/22/2006 10 ...	1d 10h 0m	79%		

4. **Left-click Previous to go to the preceding report or Next to go to the next report.**

Report

| Back | Previous | Next | Done |

Class

Student	Breanna		**ID1** 6867B **ID2** 00000
Baby	James		**BABY4375** Caucasian Female
Start	3/2/2012, 3 PM		**Stop** 3/4/2012, 12 AM

Schedule Order   5 13 15 8 10

Quiet Times

Typical report

Total Simulation Time: 1d 09h 00m

Proper Care		
Rock	3/4	75%
Diaper	14/15	93%
Burp	12/13	92%
Feed	15/15	100%
Average	44/47	94%

ID1 was used 49 times, ID2 was used 0 times

Baby cried 28 minutes total

Mishandle		
Shaken Baby	0	0%
Head Support	2	-6%
Wrong Position	0	0%
Rough Handling	0	0%
Other		0%
Total	2	-6%

Performance Overview: 88%

Friday, March 2
3:00 PM   Start Simulation
3:38 PM   Missed Diaper

Saturday, March 3
12:48 AM   Missed Burp
12:48 AM   Head Support
1:14 AM   Missed Rock
1:14 AM   Head Support

Sunday, March 4
12:00 AM   Stop

View a Report continued

1. RealCare Baby 3 contains sensors to read the internal temperature of Baby. On the second page of the report, you can view the temperature range that Baby was in.

2. RealCare Baby 3 is able to detect the clothing it is wearing. This can be used in conjunction with the temperature readings to determine if Baby was clothed appropriately for the environment. This chart can be found on the second page of the report.

3. RealCare Baby 3 is also equipped with car seat detection sensors. The second page of the report will tell you how long Baby was in the car seat.

Typical report page 2

1. Internal Temperature

2. Clothing Detection

3. Car Seat Detection

Report

| Back | Previous | Next | Done |

BABY4375 Date Programmed: 3/2/2012 11:28 AM

Clothing and Temperature

Baby detects temperature, clothing, and length of time in car seat/carrier to address flathead syndrome. Missing clothing only appears if Baby detects no clothing during a significant period of time.

Look for spikes in temperature on the graph below to determine mishandling. Baby's temperature should fall inside the comfort range (in green – mid section of report). If Baby's temperature falls above or below the comfort range, Baby has been exposed to extreme temperatures for an extended period of time.

Baby Temperature

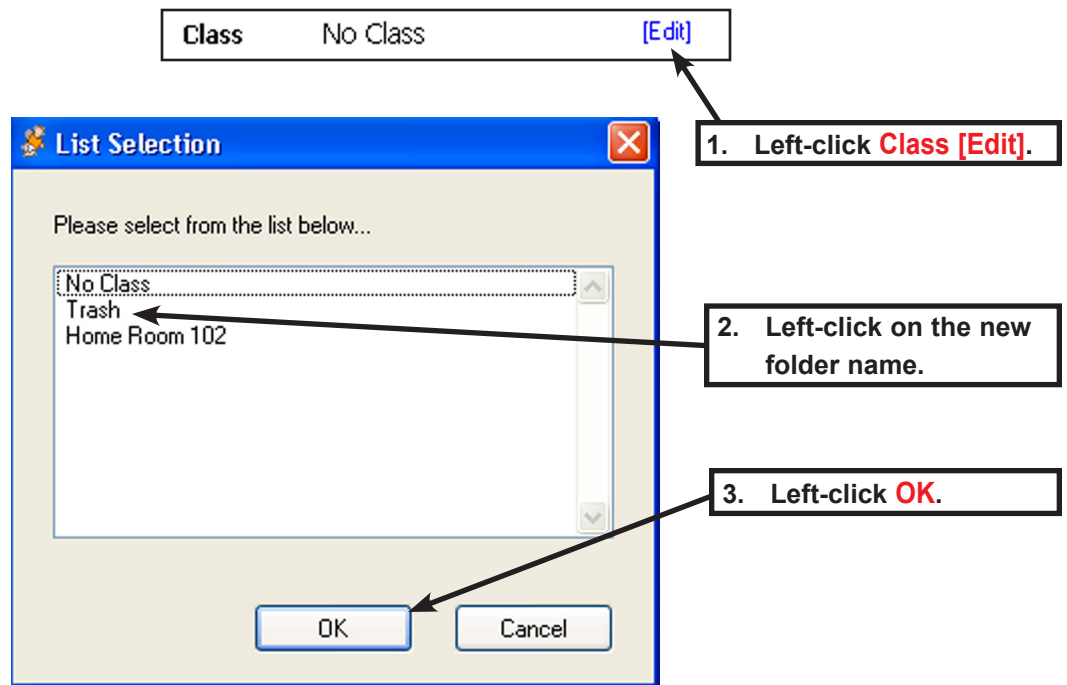|	Day 1	Day 2
High Temp	79 (7:12 PM)	82 (11:42 AM)
Low Temp	73 (10:34 PM)	66 (6:32 PM)
Time out of safe temp range	0.0 hours	1.3 hours
Max time between change of clothes	0.4 hours	4.2 hours
Time in car seat/carrier	4.5 hours	11.3 hours
Simulation Time	9.0 hours	24.0 hours

Edit Reports

Some information in each report can be changed (class, student, Baby name, the grading rubric, and comments. See View a Report.

Change Class Folder

The report being viewed can be moved to another report folder but a new report folder cannot be created.
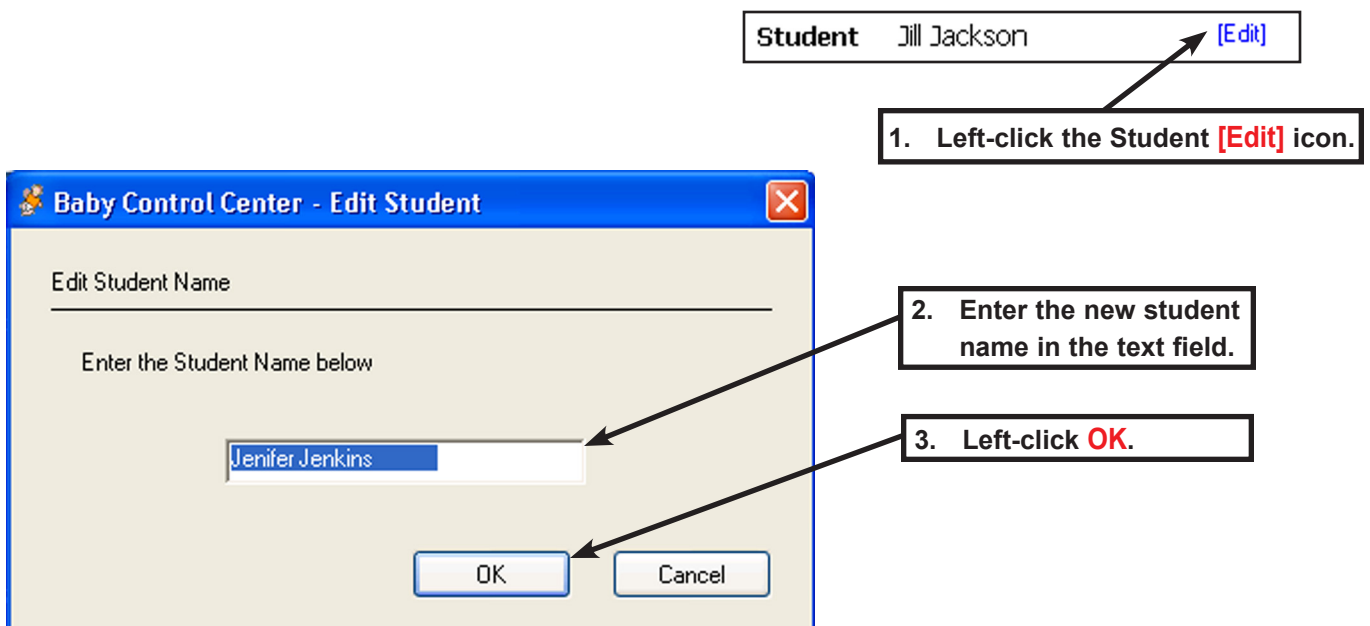
1. On the Report screen, left-click **Class [Edit]**. The List Selection dialog box displays.

2. Left-click on the destination folder name.

3. Left-click **OK** to save the destination folder name or **Cancel** to abandon moving the report and close the dialog box.

Class   No Class   [Edit]

1.   **Left-click Class [Edit].**

List Selection

Please select from the list below...

No Class
Trash
Home Room 102

2.   **Left-click on the new folder name.**

3.   **Left-click OK.**

OK   Cancel

Change the Student Name

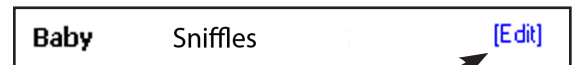A new student name can be entered into the report as follows.

1. Left-click **Student [Edit]**. The Edit Student dialog box displays.

2. Enter the new student name.

3. Left-click **OK** to save the new name or **Cancel** to abandon entering a new name and close the dialog box.

Student   Jill Jackson   [Edit]

1.   **Left-click the Student [Edit] icon.**

Baby Control Center - Edit Student

Edit Student Name

Enter the Student Name below

Jenifer Jenkins

2.   **Enter the new student name in the text field.**
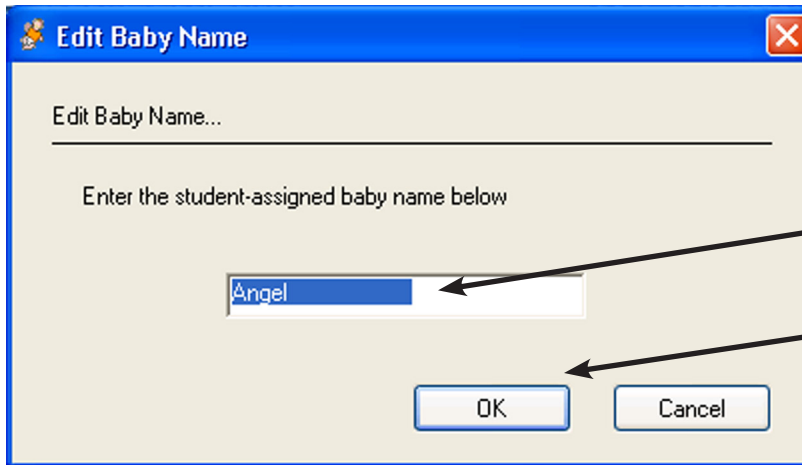
3.   **Left-click OK.**

OK   Cancel

Change the Baby Name

A new Baby name can be entered into the report as follows.

1. Left-click **Baby [Edit]**. The Edit Baby Name dialog box displays.

2. Enter the new Baby name.

3. Left-click **OK** to save the new name or **Cancel** to abandon entering a new name and close the dialog box.

Baby	Sniffles	[Edit]

1. Left-click the **Baby [Edit]** icon.

Edit Baby Name

Edit Baby Name...

Enter the student-assigned baby name below

Angel

2. Enter the new Baby name in the text field.

3. Left-click **OK**.

OK   Cancel

Edit the Mishandle Rubric

The mishandle rubric can be edited as follows.

1. Left-click **[Edit Rubric]**. The Edit Mishandle Rubric dialog box displays.

2. Adjust each percentage (**Shaken Baby**, **Head Support**, **Wrong Position**, **Rough Handling**) by left-clicking on the up or down arrows.

3. When adjustments are complete, left-click **OK** to save the edit rubric information or **Cancel** to abandon the changes to the rubric and close the dialog box.
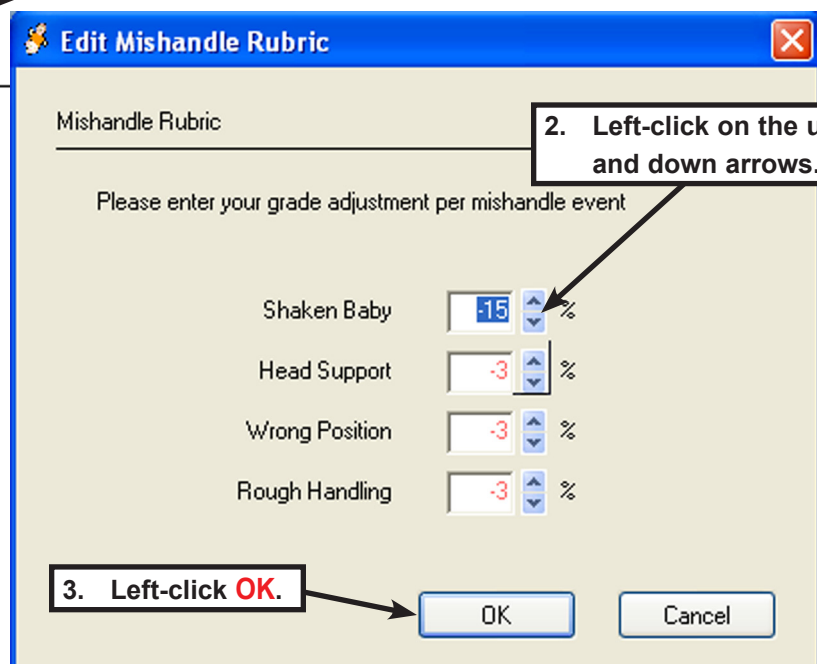
Caution!   Changing the mishandle rubric will update all reports in the database, both old and new.

1. Left-click **[Edit Rubric]**.

[Edit Rubric]

Baby cried 1 minutes total

Mishandle			
Shaken Baby		0	0%
Head Support		0	0%
Wrong Position		19	-57%
Rough Handling		0	0%
Other	[Edit Other]		0%
Total		19	57%

Edit Mishandle Rubric

Mishandle Rubric

2. Left-click on the up and down arrows.

Please enter your grade adjustment per mishandle event

Shaken Baby   -15   %

Head Support   -3   %

Wrong Position   -3   %

Rough Handling   -3   %

3. Left-click **OK**.

OK   Cancel

Edit the Other Grade Adjustment

A grade adjustment can be performed as follows.

1. Left-click **[Edit Other]**. The Edit Other Grade Adjustment dialog box displays.

2. Adjust by left-clicking **Adjust Grade by** up or down arrows as a positive or negative percentage.

3. When adjustment is complete, left-click **OK** to save the adjustment or **Cancel** to abandon the adjustment and close the dialog box.

Caution!   Changing the "Edit Other Grade Adjustment" only updates one report - the one that is currently visible on the screen.

[Edit Rubric]

Baby cried 1 minutes total

Mishandle			
Shaken Baby		0	0%
Head Support		0	0%
Wrong Position		19	-57%
Rough Handling		0	0%
Other	[Edit Other]		0%
Total		19	57%

1.   Left-click [Edit Other].

Edit Other Grade Adjustment

Discretionary Editor

2.   Left-click on the up and down arrows.

Please enter your grade adjustment as a positive or negative percentage.

Adjust Grade by   [0] ▲▼ %

3.   Left-click OK.

OK   Cancel

Add Comments to the Report

Comments can be added to the report as follows.

1. Left-click **Comments: [Edit]**. The Edit Comments dialog box displays.

2. Enter text into the text field.

3. When adding text is complete, left-click **OK** to save the comments or **Cancel** to abandon comments and close the dialog box.

Comments: [Edit]

1.   Left-click Comments: [Edit].

2.   Enter text into the text field.

Edit Comments

3.   Left-click OK.

OK   Cancel

Print a Report

Simulation reports can be printed on a printer as follows. Open the report folder containing the report to be printed.

1. Left-click on the Baby check box for the report to be printed. More than one Baby can be selected.

2. Left-click **Print**. The Print Reports - Summary screen will display.
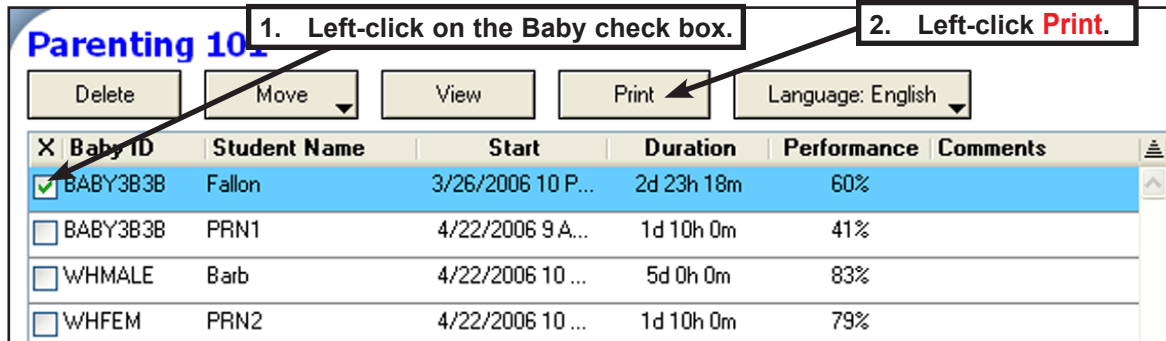
3. Left-click on the Print Reports - Summary screen **Print** icon. The Print dialog box displays. Left-click **Back** to return to the folder report list without printing.
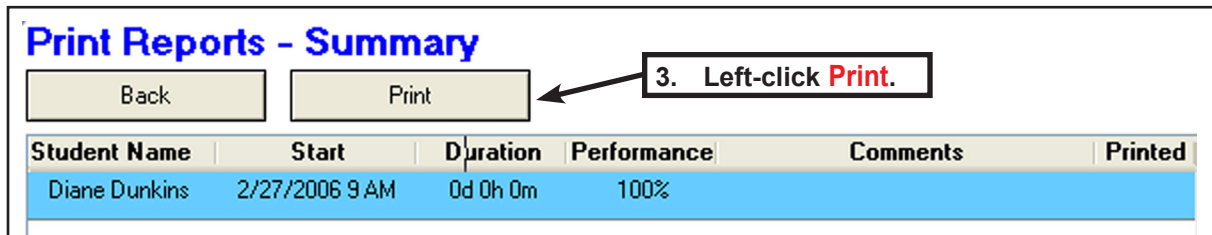
4. Left-click **Preferences** to select the page size, source, orientation, margins, etc.

5. Left-click on the printer to be used.

6. Left-click **Print**. The reports will print.
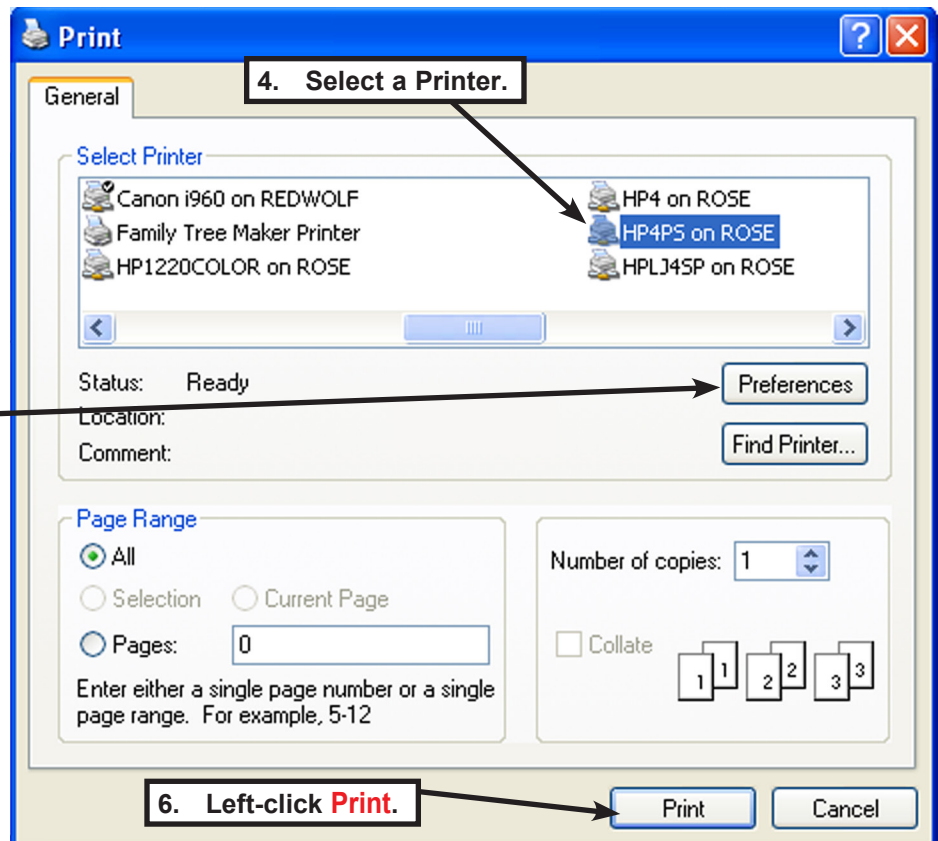
Delete a Report

Open the folder containing the report to be deleted.

1. Left-click on the Baby check box for the report to be deleted.
2. Left-click **Delete**. The report is moved to the trash folder.

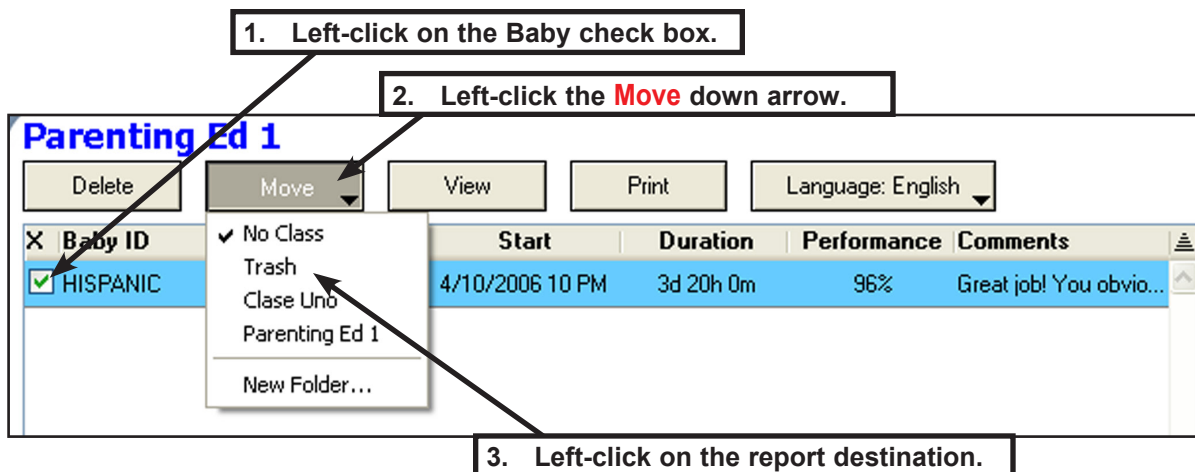*Caution!   Reports deleted from the trash folder are permanently deleted from the database.*

2. Left-click **Delete**.

1. Left-click on the Baby check box.

Move a Report to a Different Report Folder

Open the folder containing the report to be moved.

1. Left-click on the Baby check box for the report to be moved.
2. Left-click the **Move** down arrow. The report folder list displays.
3. Left-click on the destination folder or **New Folder** to create a new folder.
   a. To create a new folder, left-click **New Folder**.
   b. The Add Report Folder dialog box displays.
   c. Enter the new folder name and left-click **OK**. The report moves to the new folder.

1. Left-click on the Baby check box.

2. Left-click the **Move** down arrow.

3. Left-click on the report destination.

Export a Report

This option saves a copy of the actively viewed report to the computer clipboard as an image file. You can paste this file into many applications, including e-mail, word processing programs, and photo editing programs. Only one report can be exported at a time.

1. Left-click on the report folder name that contains the reports to be exported.

2. The list of reports in the folder are displayed. Left-click on the Baby check box for the report to be exported.

3. Left-click on **View**. The selected report will display.

4. Left-click the **File** menu and position your cursor over **Export**. A flyout appears with the words **Copy to Clipboard**. Left-click on **Copy to Clipboard**. The viewed report is copied as an image file to your computer's clipboard.

5. Open an e-mail, a word processing document, etc. and choose **Edit**-->**Paste** or do a RIGHT-click in the body of the e-mail or word processing document and choose **Paste** to insert the report image.

Note: If your word processing, e-mail, or other software program has difficulty pasting the report image into a document, close and reopen that program and try the File-->Export-->Copy to Clipboard command again.

(Text-based programs (word processing, e-mail, etc.) give preference to text on the clipboard, not images. This may cause the program to paste any previously copied text rather than your report image. Closing and opening the program resets the clipboard, allowing you to copy and paste your report image.)

Maintenance Screen

The Maintenance screen allows the user to locate a Baby that is within communication range and perform diagnostics and testing.

Open the Maintenance Screen

1. On the All Babies screen or Available Babies screen, left-click on the Baby check box for each Baby that requires maintenance or location.

2. Left-click **Maintenance**. The Maintenance screen will display.

Locate a Baby

1. Left-click the Baby check box for the Baby to be located.

2. Locate Baby by left-clicking **Page** to prompt Baby to coo.

Troubleshooting

Use the Troubleshooting screen if you want to check that your Baby is functioning normally.

Open the Troubleshooting Screen

1. On the Maintenance screen, left-click the Baby check box for the Baby that requires troubleshooting.

2. Left-click **Troubleshooting** to display the Troubleshooting screen.
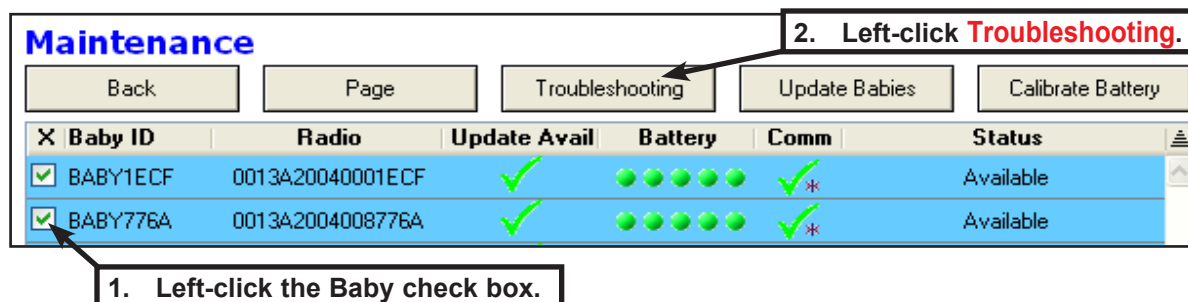
Troubleshoot Baby

1. Left-click the Baby check box for Baby requiring testing.

2. Left-click **Start Test**. Baby will chime when ready for testing. Status will change from **Available** to **Diag**.

3. Refer to the table below for instructions and Baby's response to actions.

4. Baby will coo if all tests are passed. A green check displays below each symbol when that test is successful.

5. Left-click **Stop Test** and Baby will chime. The Baby's status will display **Available**.

Test Function	Action Needed by Test Person	Baby Response	Test Symbol
Battery	None (automatic)	None	
Memory	None (automatic)	Coo	**CS**
Movement (two tests)	Hold Baby on tummy, then head down	Two chimes	**Mov**
	Move Baby	Cough	
Feeding sensor	Bring bottle to Baby's mouth	Chime	**Btl**
Neck forward	Tilt Baby's head forward	Whimper	**Nf**
Neck backward	Tilt Baby's head backward	Two whimpers	**Nb**
Rough handling	Strike Baby on its right side just above the hip	Three whimpers	**RH**
Yellow diaper	Place yellow diaper onto Baby	Chime	**Yel**
Green diaper	Place green diaper onto Baby	Chime	**Grn**
Wireless ID	Hold ID close to Baby's belly button	Chime	**ID**
E-stop	Push recessed E-stop push button on Baby's back	Chime	**ES**
Temperature	None (automatic)	None	**Temp**
Outfit Top	Place Outfit sensor close to Baby's belly button	Chime	**OT**
Outfit Bottom	Place Outfit sensor close to Baby's belly button	Chime	**OB**
Body Suit	Place Body Suit sensor close to Baby's belly button	Chime	**Bd**
Outerwear	Place Outerwear sensor close to Baby's belly button	Chime	**Ow**
Sleeper	Place Sleeper sensor close to Baby's belly button	Chime	**Sl**
Car Seat	Place Baby into Car Seat	Chime	**CA**
All tests pass	None (automatic)	Coo	**Pass**

Get Control Center Software and Baby Updates

Software updates for both Control Center and Babies themselves can be retrieved via an Internet connection.

Check for Updates

1. Left-click on the **Help** menu.

2. Left-click on **Check for Updates**. Make sure your Internet connection is active.

3. A web browser window will open, and a message will appear telling you if any updates are available for your version of Control Center software or for Baby.

4. If updates are available, see the sections below.
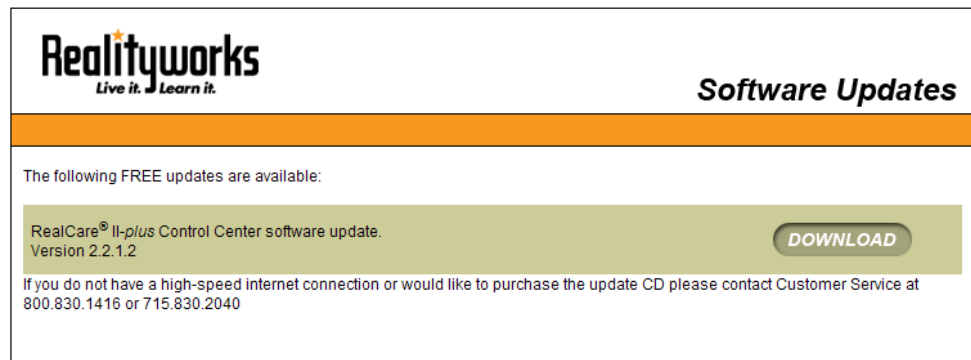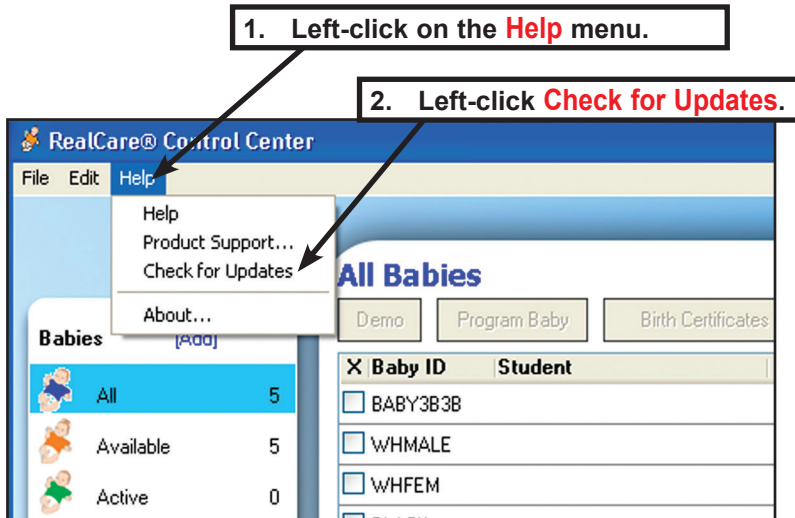
Download and Install Software Updates

1. Left-click on the download button for the Control Center software update.

2. A window will appear containing instructions on how to complete the update download and installation.

3. Download the update installer file to your hard drive.

4. Open or run the downloaded file to start the update installation.

5. Follow the on-screen instructions to complete the installation.

6. A software update may or may not include a Baby update. If Babies show a green checkmark and an asterisk in the Comm column, they have a software update available. See Update Babies.

Update Babies

Updates will become available via the Realityworks website. Please see <u>Get Control Center Software and Baby Updates</u> for download instructions. If Babies show a green checkmark and an asterisk in the **Comm** column, they have a software update available.

1. Connect all Babies to a charger.
2. At the All Babies screen, left-click the Baby check box for each Baby with an update available icon (green check and an asterisk) in the Comm column.
3. Left-click Maintenance.
4. Left-click Update Babies. An instruction box appears.
5. Rarely, the software indicates that a Baby requires a factory update. Please contact Product Support in that case.
6. Left-click the OK button in the instruction box.
7. A window appears showing the status of each Baby's update.
8. Updated Baby's status changes to Updating: Done.
9. The update process continues until every selected Baby is updated. Babies that temporarily fail are retried until successful.
10. The update process can be started and stopped as many times as desired.

Important notes:
*   Have all Babies plugged into charger while updating.
*   Each Baby could take over 35 minutes to update. Large numbers of Babies can take a very long time to update. You may need to review your computer's standby and hibernate settings.
*   No harm will come from cancelling or interrupting Baby updates.

2.   **Left-click Maintenance.**

1.   **Left-click the Baby check boxes).**

4.   **Left-click Update Babies.**

3.   **Deselect any Babies without a green checkmark and asterisk (update available).**

Calibrate Battery

Weak batteries take less time to fully discharge starting from a full charge. Calibrate Battery checks Baby's battery module in a fast discharge mode and compares the discharge time to normal batteries.

Fully Charge Baby

1. Connect Baby to charger. The green charge light on Baby's back turns ON.

2. Wait up to 6 hours for Baby's green charge light to turn OFF.

3. Baby's batteries now have a full charge.

4. Unplug Baby from charger.

Calibrate Battery

1. Fully charge Babies and unplug from charger as described above.

2. At the Maintenance screen, left-click **Calibrate Battery.** An instruction box appears.

3. Left-click **OK** to check Baby's battery module or **Cancel** to do nothing.

4. Status column changes to **Calibrate --**.

5. Baby status stays in **Calibrate --** until the batteries are completely discharged (up to 20 hours).

6. Baby status automatically returns to **Available** when Calibrate Battery finishes.

1. **Fully charge Babies and unplug from charger.**
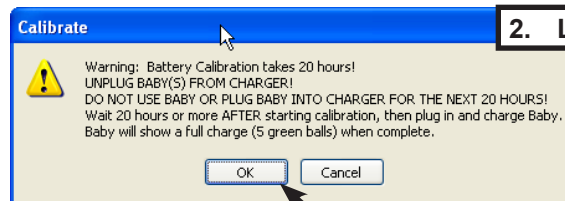
2. **Left-click Calibrate Battery.**

3. **Left-click OK.**

4. **Baby status changes to Calibrate --.**

Read Calibrate Battery Result

1. Calibrate Battery completely discharges Baby's battery, so plug Baby into the charger.

2. At the Maintenance screen, position the mouse pointer over the Baby battery balls.

3. Read the result at the bottom of the window.

2. **Position mouse pointer over battery balls.**

3. **Read the result.**
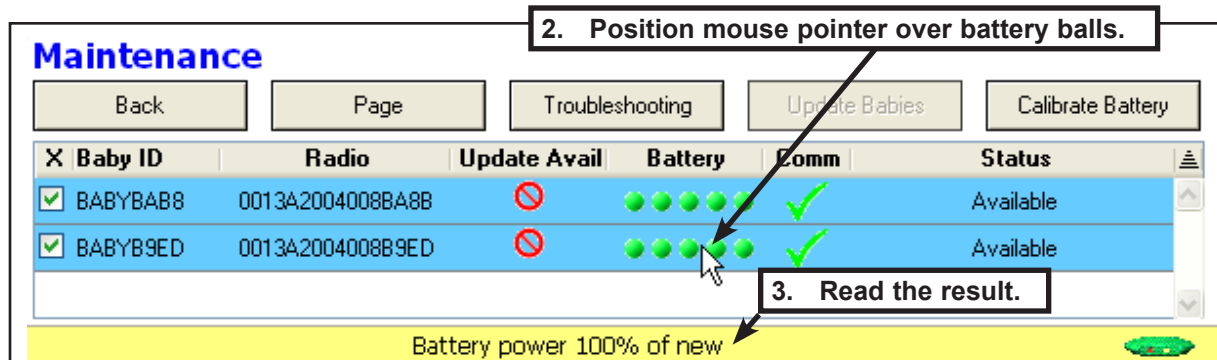
Assign a Comm Channel

Depending on local conditions, WiFi or other radio sources may interfere with Baby communication. If the Baby Comm column frequently goes red even though the Baby is present and charged, you may wish to try another Comm Channel.

1. Channel change only works for current version Babies. Older Babies must use Comm channel 2. Affected Babies will trigger an "Are you sure?" prompt during channel change. See Get Software and Baby updates.

2. Plug all Babies into a charger.

3. Wait for the communication icon to appear green, which means it is available for channel scanning. You may position your mouse pointer over the icon to see how many commands remain to be processed.

4. Left-click on **Edit** in the top menu bar.

5. Left-click on **Preferences** in the pull down menu to open the Edit Preferences window.

> 4.   Left-click on **Edit**.
>
> 5.   Left-click on **Preferences**.
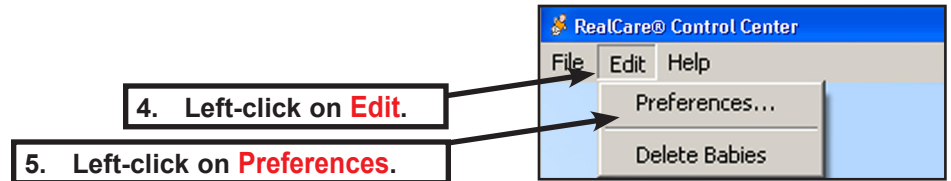
6. A graph of available channels appears. Open channels display as long green bars and heavily used channels display as short red bars. Channel activity may vary greatly from minute to minute, so monitor the graph for at least several minutes.

7. Pay special attention to the graph bar of the current channel, as marked by a green radio select button. A very short red bar indicates Baby communication interference. Please choose another channel.

8. Select another channel by left-clicking on the numbered radio button, or select the best channel by left-clicking **Auto Select**.

9. Left-click **OK** or **Apply** to save your changes, or **Cancel** to discard your changes.

10. Babies should connect to the Control Center software using the new channel within a few minutes. If they do not, make sure they are plugged into a charger.

Note: The end user should leave the **Log Comm Activity to File** check box unchecked. It should only be used with Product Support supervision.

Delete a Baby from the Baby List

To remove a Baby from the Baby list:

1. Left-click the Baby check box.

2. Left-click **Edit** on the Control Center software toolbar.

3. Left-click **Delete Babies** on the drop-down menu. The Caution dialog box displays.
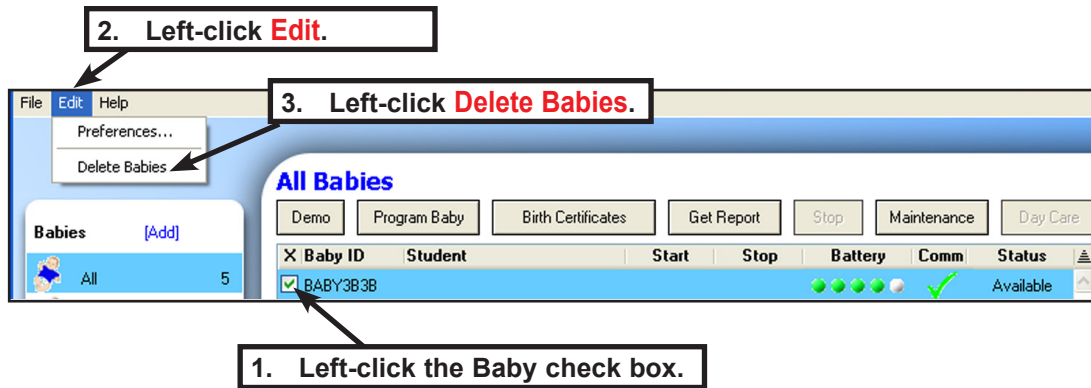
4. Left-click **Yes** to delete Baby from the Baby list or **No** to do nothing. Deleting removes the Baby ID and all other Baby information from the database.

Uninstall Control Center Software

If necessary, Control Center software can be removed from the host computer by doing the following. To prevent damage to the operating system, always follow this procedure. If problems occur when removing the software, contact Reality-works Product Support (800.830.1416) before proceeding.

Windows

1. Left-click the Windows **Start** button.

2. Left-click **Control Panel**.

3. Left-click on **Programs and Features**.

4. Select **Baby Control Center** and left-click **Uninstall**.

Macintosh

1. Go to the Baby Control Center Software folder.

2. Open the **_uninst** folder.

3. Double-click **unistaller**.command.

4. Follow the on screen instructions to complete the uninstall.

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