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Zero-Click Data Management System
Version 1.2.x

Owner's Guide



8100-04122 Rev A

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Zero-Click 1.2.0 Upgrade Information:

If you haven't installed 1.2.0 (preferred)

- [1] Open Zero-Click that is currently installed on your computer, either version 1.0.x or 1.1.x
- [2] In the "File" menu, open the "File Maintenance" submenu and click "Backup Database". The default file will be placed in your "My Documents" folder.
- [3] Click the "Backup" button. A Dialog box will appear and process the operation. The Zero-Click window will read "Backup successful" if the process succeeded.
- [4] Install Zero-Click™ v1.2.0 (see page 2 for instructions)
- [5] After installing, go to the "File" menu and click "File Maintenance". Click the "Next" button.
- [6] Select "Import a Database" and click the "Next" button.
- [7] Click "Browse"
- [8] Click the drop down menu next to "Files of types:" and select "Zero-Click v1.0.x or 1.1.x Database"
- [9] Select the file you exported in step 3, click the "Open" button, and click "Next".
- [10] A dialog will appear displaying a summary of changes in Zero-Click. Click "Next" after reviewing.
- [11] Zero-Click will perform multiple checks to assure the database is correct. Click the "Next" button when it becomes available. If there are no conflicts detected, Zero-Click™ will import the profiles and data from the selected database.
- [12] Click "Finish" when Zero-Click displays "Import finished successfully".

If You've Already Installed Zero-Click v1.2.0:

- [1] Open Zero-Click v1.2.0
- [2] In the "File" menu, click "File Maintenance", then click "Next".
- [3] Ensure "Import a Database" is selected, then click "Next".
For Windows XP: In the text box below "Select the file to import":
- [4] If upgrading from Zero-Click version 1.0.x, type:
C:\Program Files\Zero-Click DMS\DMS.mdb
If upgrading from Zero-Click version 1.1.x, type:
C:\Documents and Settings\All Users\Application Data\Zero-Click\Zero-Click DMS Database.mdb
For Windows Vista: In the text box below "Select the file to import", type:
C:\ProgramData\Zero-Click\Zero-Click DMS Database.mdb
- [5] Click "Next" and follow the instructions above, starting with number 10.

Chapter	Title	Page
1	Introduction	2
2	Which Meters Can I Use?	2
3	Setting Up Zero-Click	2
4	Connecting your Meter to your PC via the Zero-Click Data Cable	4
5	Navigation Basics	8
6	How to Share your Information with your HCP	11
7	How to Manage Profiles	13
8	How to Add a Reading Manually	17
9	How to Set Program Preferences	18
10	How to Download Readings	20
11	How to View Reports	20
12	How to Change Meter Settings via PC	26
13	How to Use Help Settings	28
14	File Maintenance	29
15	How to Uninstall the Zero-Click Data Management System	29
16	Troubleshooting	30

System Requirements:

- Windows XP and Vista (32 bit)
- RAM: minimum 128 MB
- CPU: minimum 700 Mhz, Intel Pentium processor
- Hard drive space: 60 MB minimum (100 MB Recommended)
- Mouse and keyboard
- USB port
- Monitor: minimum 1024x768 resolution
- CD-ROM drive
- Printer (optional)

To Get Started You'll Need:

- Zero-Click Installation CD
- Zero-Click Data Cable
- WaveSense-enabled Blood Glucose Meter

1 Introduction

The Zero-Click Data Management System can be used to help manage diabetes information. Zero-Click must be used with a WaveSense-enabled Blood Glucose Meter (BGM), which can be connected to Zero-Click by the Zero-Click Data Cable. For instructions on how to use your BGM, see the instructions for use that accompanied it.

Warning: Do not make treatment decisions based solely on the information provided by Zero-Click. All health-related decisions should be made in conjunction with the advice of a qualified health care provider (HCP). It is important for you and your HCP to understand how the statistics are calculated before making any adjustments to treatment. This information is found on the "Report Details" printout. This information can also be found in Help under: Reports>Statistics.

IMPORTANT: Please note that Zero-Click stores sensitive health related information on your computer. We recommend keeping your computer up-to-date with the latest security software. For more information on keeping your computer and information safe, visit <http://www.windows.com/security>.

2 Which Meters Can I Use?

Zero-Click can be used with WaveSense-enabled meters only.

3 Setting Up Zero-Click

IMPORTANT: You must have sufficient security privileges to install Zero-Click. It is recommended that you install as an administrator.

To Install Zero-Click:

[1] Turn on your computer and insert the Zero-Click installation CD into the CD-ROM drive. The Zero-Click Setup Wizard will start automatically. Follow the on-screen instructions to continue.

- If the Wizard does not start after 10 seconds, then find the "My Computer"/Vista—"computer" icon (in the "Start" menu or on the desktop).

- Find the icon for the Zero-Click CD and double-click it.
- Double-click the Zero-Click icon.

[2] Read the End-User License Agreement. Select “I accept the terms in the License Agreement” and then click the “Next” button to continue.

[3] Select either the “Complete” or the “Custom” setup type and click the “Next” button.

- Complete setup is recommended for most users.
- If custom setup is selected, then you will be able to choose the default user mode to be either Home User (for individuals with diabetes) or Professional (for professionals who treat individuals with diabetes). With custom setup you will be able to choose which elements of Zero-Click to install.

[4] Click “Install” to begin installing Zero-Click.

- During the installation you may be prompted with warnings stating that an unidentified program wants access to your computer, or that Windows can’t verify the publisher of the driver software.
- Click the “Allow” or “Install this driver software anyway” buttons to continue (the driver prompt may occur twice).

[5] This will bring you to the “Completed the Zero-Click Setup Wizard” window. Click the “Finish” button to exit the Setup Wizard.

[6] The first time that you launch Zero-Click, a Welcome window will appear. Click “Next>” to read about some of the new features and changes. Click “Finish” when you are done reading.

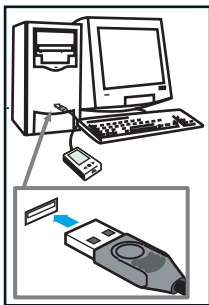
IMPORTANT: Use only the Zero-Click Data Cable to connect your compatible WaveSense-enabled meter and your PC. Do not use any other cables to connect your meter

Warning: The Meter functions, such as blood glucose testing and memory features, will be disabled when connected to your PC. Do not attempt to perform a blood glucose test with your meter while it is connected to your PC.

4 Connecting your Meter to your PC via the Zero-Click Data Cable

The Zero-Click Data Management System comes with the Zero-Click data cable. This data cable transfers information from your glucose meter to your computer. After the data cable is connected to your meter and PC, the download process begins automatically.

(fig.1)



How to Connect your Meter to your Computer via the Zero-Click Data Cable:

[1] Make sure that you have installed Zero-Click on your computer.

[2] Make sure that your meter is turned off.

[3] Insert the rectangular cable end into your computer's USB port (see fig.1).

(fig.2)



Note: Upon insertion of the cable, your computer will indicate that the cable has been detected (fig. 2) for drivers part 1 and 2.

[4] Insert the round cable end into the glucose meter data port, located at the top of your blood glucose monitor (see fig. 3). The data port is located under the rubber flap on the meter. You can lift the flap with a fingernail.

(fig.3)



[5] When your meter is connected to the computer, the download process will begin automatically. If the download process does not begin automatically, then see Chapter 16, "Troubleshooting" for help.

Creating your Profile:

The first time that you connect a new meter, the Download Wizard will start automatically and display the “Lock glucose unit setting” window.



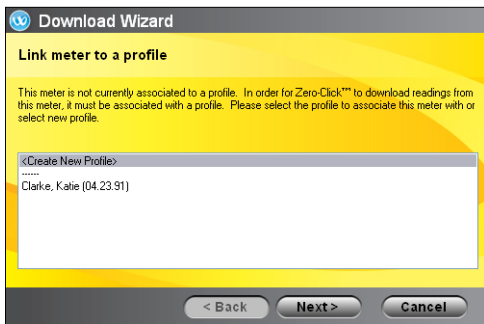
Locking the Glucose Unit Setting:

[1] When the Download Wizard starts, the “Lock glucose unit setting” window appears.

[2] Click “Continue” to lock the glucose units displayed on your reports (either mg/dL or mmol/L) to the glucose units of the attached meter. This is done to ensure that your information is always displayed correctly.

How to Create your Profile:

[1] When the “Link meter to a profile” window appears, either select an existing profile with which to associate the meter or select “<Create New Profile>.”



[2] Click “Next>” to continue. Each meter must be associated with a profile before you can view reports or customize Zero-Click. Your profile contains your identification information.

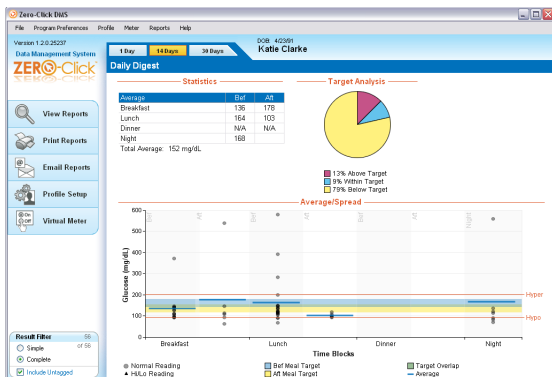
- If you choose to associate the meter with an existing profile, then your data will download to Zero-Click automatically.
- If you choose to create a new profile, fill in the required information (information marked with a “*”) and click “Next >.” Your data will download to Zero-Click automatically.

[3] Each time that you connect this meter with your computer, your data will download to this profile automatically.

[4] After your data has downloaded, your Daily Digest™ will appear.

IMPORTANT: As soon as the “WARNING: DO NOT DISCONNECT METER” message is no longer displayed, it is safe to disconnect your meter. Promptly disconnect your meter to conserve battery power.

Warning: Readings from a meter can be sent to only one profile. It is important not to share your meter with anyone else. If you do, the data will be combined and may give you incorrect reports.



Daily Digest™

The Zero-Click Daily Digest™ provides a summary of your glucose results.

- The Statistics section shows averages and standard deviations as a total and by time of day.
- The Target Analysis report shows how often your scores were within, above or below your target range.
- The Average/Spread chart displays your average glucose score by mealtime slot as well as a visual indication of how clustered your results are.

If you aren't in the Daily Digest, you can navigate to it by clicking the "Home" button on the Tool Bar.

That's it. You've learned how to download your meter readings and better view your data. If you want to use more advanced features of the Zero-Click Data Management System, keep reading.

5 Navigation Basics

This section will introduce you to the main features of the program and help you understand what each of the features can do for you.



File Program Preferences Profile Meter Reports Help

Menu Bar: The Menu Bar allows you to access all the functionality of the software via drop-down menus.

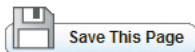
In the rest of this guide, directions to sections will be based on Menu Bar navigation.

- For example, if you want to view a Log Book report, then you would click the menu item “Reports” in the menu bar and then click “Log Book.”
 - From this point forward, this process will be displayed as follows:
Reports>Log Book.
 - The rest of this guide will display paths in the same manner.
-



Back Home Download Reports

Tool Bar: The Tool Bar allows you to quickly switch to the most important sections of the program. The Tool Bar not available in Daily Digest.



“Save This Page” Button: This button allows you to save changes you have made in the Profile Setup section.

- If you try to leave the Profile setup section without saving, the “Save Changes Confirmation” window will appear.
-



Changed Page Icon: The red Changed Page disk icon appears on the navigation tabs when you have changed one or more settings on a page. The red disk icon means that the page needs to be saved using the “Save This Page” button.

When a change to the screen is made, you may see one of these two icons:



[1] Warning Icon: Warns user about malfunctions or other errors



[2] Confirmation Icon: Appears when you save information successfully



Navigation Tabs: These tabs are on the left side of the window and change depending on which section of the program you are viewing.

- Click on any of the buttons within the tabs to view that section.
- The tab of the section that you are viewing turns yellow.



Result Filter: The organizes reports by controlling which results are displayed and calculated, according to meal-time blocks and user-set meal tags.

Simple: Displays one result per time block. If there are multiple readings, the earliest will be displayed.

Complete: Displays multiple results per time block, if applicable.

IMPORTANT: the result filter affects which results are included in printed and emailed reports.

Reports

Title Block: The Title Block informs you of your location in the program. The blue bar displays the section and the orange text below it displays the page.



Favorite Report Icon: The Favorite Reports Icons appear next to reports that are selected by the user.



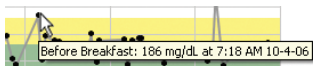
Profile: The Profile displays the name and birth date of the current profile.

Date Range Last 14 days

Date Range: The Date Range displays the specific time period from which the data, charts, and graphs are based. It also allows the user to select different periods of time.

Date Range Custom From 6/15/09 To 6/29/09

From/To: The From/To displays a range of dates when the “custom” option has been chosen in the Date Range section.



Tool Tips: If you roll the pointer over certain sections, a small box will appear that gives you additional information. For example, if you roll your mouse

over an individual glucose result in a report, then you will get more detailed information about that result.



Target Range/Test Schedule Icons: The icons in the lower right hand corner of the screen on the Reports section will provide information about your Target Range/Test Schedule.

- Roll over the icon with your mouse and a Tool Tip will appear that tells you your before and after meal target ranges and your hypo/hyperglycemic warning thresholds or your test schedule.

- To change these settings, click the icon and you will be redirected to the

- Normal Reading
- ▲ Hi/Lo Reading

- Bef Meal Target
- Aft Meal Target

- Target Overlap
- Average

Report Legend: Each report has a legend that explains the color-coding of results, target ranges, and the other graphical elements that make up a

6 How to Share your Information with your HCP

One of the easiest ways to share information from the software is to print out your reports and bring them to your HCP. Discuss your options with your HCP.

How to Print Reports:

[1] To print your reports, first check that a printer is connected to the computer. If it is not connected, refer to the printer's instructions to connect it properly.

[2] When the printer is connected, either click *File> Print Reports* or click the "Print Reports" button on the homepage. This will open the "Print Reports" window, which will help you print out your reports.

About the "Print Reports" window

(1) **Select Printer:** Allows you to choose a specific printer if you have multiple printers attached to your computer

(2) **Report Selection:** Allows you to decide if you want to print all the reports, your favorites, only the Daily Digest™, or a custom selection of reports

(3) **Reports to Print:** Allows you to select a custom range of reports

(4) **Date Range:** Displays the time period that the charts will display

(5) **Additional Options:** Allows you to set the number of copies that will print and the collation of them

(6) **Print Preview:** Shows you a preview of what the printed page will look like

(7) **Print:** Starts the printing process

(8) **Cancel:** Cancels the print job; if you click "Cancel," then nothing will print

Other ways to print

- Click the "Print Reports" link on the homepage.
- If you hold the control key (Ctrl) and press "P," then the print dialog box will be launched.

How to Email Reports:

[1] To email a report to your HCP, either click *File>Email Reports* or click the “Email Reports” button on the home page. This will open the “Email Reports” window, which will help you email your reports.

[2] In the box marked “To:” enter the email address of your HCP. The options at the bottom of the page will let you customize which reports you want to send to your HCP, what length of time you want to send, and which file format you want to send. Discuss which types of information to send with your HCP.

About the “Email Reports” window

(1) **To:** This section is for the email address of your HCP, or the person whom you are emailing
(2) **Subject:** This section is for the subject information of the email

(3) **Body:** This is the message that accompanies your reports

(4) **Report Selection:** Allows you to decide if you want to attach all the reports, your favorites, just the Daily Digest™, or a custom selection of reports

(5) **Reports to Email:** Allows you to select a custom range of reports

(6) **Date Range:** Displays the time period that the charts will display

(7) **File Format:** Allows you to attach your reports in .PDF or .CSV format

(8) **Send:** Launches the email service that you use. Press “Send” in the email program to send your message and reports

(9) **Cancel:** Cancels the email; if you click “Cancel,” then nothing will be sent

Other ways to email

- Click the “Email Reports” link on the homepage.
- If you hold the control key (Ctrl) and press “E,” then the email dialog box will be launched.

IMPORTANT: Clicking the “Send” button (8) does not email your reports, it only starts your email program and attaches a file containing your results. To send the information you must send the file from your email program. To use this feature, an email program must be installed on your computer.

7 How to Manage Profiles

The Zero-Click Data Management System has been designed to function with individual user profiles. In order to get the most out of the software, it is important to set up your profile.

- When you first install the meter, you will be asked to enter your name, date of birth, and other information if desired. This information becomes your profile. Your meter will be linked to this profile.
- You can customize your profile further by clicking *Profile>Setup Personal Info*.
- If you choose to customize your profile, check to make sure you are editing the correct profile. The name of the current profile will be displayed in the upper-right-hand corner of the Zero-Click window.
- Profile Setup has 4 sections. Sections 1, 2, and 3 allow you to change your current profile settings. Section 4, Meter ID, allows you to remove a meter from your profile.

How to Add a New Profile:

[1] To add a new profile, click *Profile>Add a New Profile* or click the “Add New Profile” link in the upper right-hand corner of any of the Profile Setup pages.

[2] The “Add a New Profile Wizard” window will appear. Enter your name, date of birth, and other information if desired. Click “Next>” to continue.

[3] Confirm or change your preferences and click “Next>” to continue.

[4] Confirm or change your mealtime blocks and click “Add” to finish.

How to Edit your Existing Profile:

To get to the Profile Setup section, click the “Profile Setup” button from your Daily Digest or click *Profile* in the menu bar and choose any options other than “Add a New Profile.” Below is information about each of the pages within the Profile Setup section.

1. Personal Info: To get to this section, click *Profile>Setup Personal Info*.

This section allows you to enter basic biographical information like name, DOB, gender, type of diabetes, comments, and profile ID.

When you are satisfied with your selections, click the “Save This Page” Button.

2. Preferences: To get to this section, click *Profile>Setup Profile Preferences*.

It is important to set this section properly. The levels set in this section will affect the way that the reports display your information.

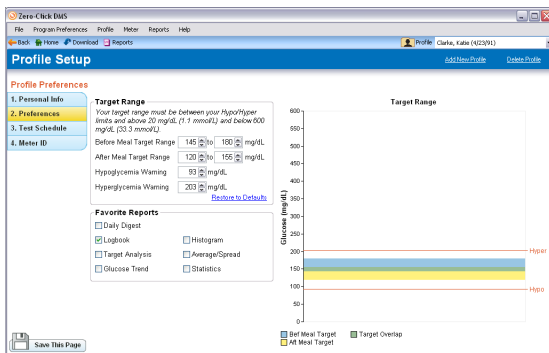
This section allows you to decide your Before and After Meal Target Ranges. They are pre-set to the American Diabetes Association (ADA) recommended levels*. You can also set the Hypo/Hyperglycemic thresholds on this page. On the right side of the screen is a panel showing the Before Meal and After Meal Target Ranges in graphical form, as well as lines representing your thresholds.

Changes in your target ranges will take effect retroactively. None of your glucose reading values will change, but they may appear in a different category. For example, if you lower your After Meal Target Range, then older results that may have been “within” target will now appear as “above” target. It is important to track changes in your target range and share them with your health-care providers so they can make informed decisions about your treatment.

*ADA (American Diabetes Association) Recommended Target Ranges for Adults with Diabetes:

Pre-Prandial Plasma Glucose: 90-130 mg/dL (5.0-7.2 mmol/L)

Post-Prandial Plasma Glucose <180 mg/dL (<10.0 mmol/L)



This section also allows you to choose “Favorite Reports” for your profile. You can select multiple Favorite Reports. When you select these reports, they will have a “Favorite Report” icon displayed next to them on the Reports page.

When you are satisfied with your selections, click the “Save This Page” button.

3. Test Schedule: To get to this section, click *Profile>Setup Test Schedule*.

It is important to set this section correctly. The information you set on this page will affect all of the report pages and statistical information.

This section allows you to decide how you want to setup your test schedule. The program divides the day into 8 time blocks (Before-Breakfast, After-Breakfast, Before-Lunch, After-Lunch, Before-Dinner, After-Dinner, and Night). Each of these categories is defined by a start time and an end time.

Glucose results are recorded by your meter with the time that they occurred. Zero-Click organizes these readings into mealtime categories based on a user-settable schedule, unless you have tagged them with a mealtime designation, known as a “Mealtime Tag”. Untagged results may not reflect the actual mealtime if you tested outside your preset schedule.

Zero-Click DMS

File Program Preferences Profile Meter Reports Help

Back Home Download Reports

Profile Carlos, Kate (12/23/10)

Switch Profile Open Profile

Profile Setup

Time Blocks

1. Personal Info
2. Preferences
3. Test Schedule
4. Meter ID

Set your schedule.

Your schedule determines how glucose readings are distributed into various time blocks. This software categorizes each glucose entry into a time block based solely on the time stamp associated with the reading. This means that some glucose readings may not reflect the clinical definition of prepost time blocks as defined by the American Diabetes Association. This schedule will effect how your reports are displayed.

Before Breakfast 8:00 AM
After Breakfast 10:00 AM
Before Lunch 11:00 AM
After Lunch 4:00 PM
Before Dinner 7:00 PM
After Dinner 10:00 PM
Night 11:00 PM

[Save This Page](#) [Restore to Defaults](#)

Schedule

Time

Midnight
2 AM
4 AM
6 AM
8 AM
10 AM
Noon
2 PM
4 PM
6 PM
8 PM
10 PM
Midnight

Night
Before Breakfast
After Breakfast
Before Lunch
After Lunch
Before Dinner
After Dinner
Night

Changes in your test schedule will affect the way Zero-Click displays untagged readings in your reports. None of your readings will change, but your time blocks will be recalculated. For example, if you shorten your Before-Lunch time block, some of your older results may fall into the After-Breakfast and After-Lunch time blocks. It is important to track changes to your ranges and share them with your healthcare provider so they can make informed decisions about your treatment.

When you are satisfied with your changes, click the “Save This Page” button.

NOTE: Changes to your schedule will not affect readings you have tagged with a meal time. Only untagged readings are affected.

4. Meter Identification: To get to this section, click *Profile>Meter ID*.

This section allows you to remove a meter from your profile. You might want to do this if you no longer plan on using a meter or if you want to give it to someone else who uses the same computer. Removing the meter from the profile will not erase any information from your profile. The only change is that the software will no longer associate the meter with an existing profile. When you have selected the meter that you want to remove, click the “Remove Meter” button.

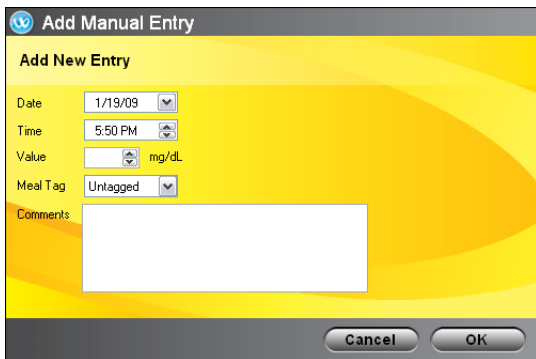
8 How to Add a Reading Manually

Zero-Click has been designed to allow you to enter blood glucose results manually. This feature may be useful if you use a non-WaveSense-enabled meter and want to enter results from that meter into your profile.

How to Add a New Glucose Result:

[1] To add a result, navigate to the “Log Book” page of the “Reports” section.

[2] Click the “Add Reading” button in the bottom right of the window. The “Add Manual Entry” wizard will appear.



Add Manual Entry

Add New Entry

Date: 1/19/09

Time: 5:50 PM

Value: mg/dL

Meal Tag: Untagged

Comments:

Cancel OK

[3] Add the Date, Time, Value (the result must be between 20-600 mg/dL or 1.1-33.3 mmol/L), Meal Tag, and Comments that you may have.

[4] Click “OK.” This reading will be added to your database and will appear in your reports immediately.

How to Delete an Incorrect Reading:

[1] If you enter an incorrect result by accident, then you can easily delete it. Go to *Reports>Logbook*.

[2] Click on the incorrect reading. Information will be displayed in the “RESULT DETAILS” panel on the right-hand-side of the window.

[3] Click “Delete This Reading.” The “Delete Manual Entry Confirmation” window will appear.

[4] Click “OK” and this reading will be deleted and removed from your database and reports immediately. You can delete manual entries only; downloaded readings cannot be deleted.

9 How to Set Program Preferences

The *Program Preferences* section allows you to alter program-wide settings like the Time Format, Download method, User Mode, and Favorite Reports. These settings can be altered at any time and will affect how the program displays all information.

Setup General: To get to this section, click *Program Preferences>Setup General* or the “F5” key.

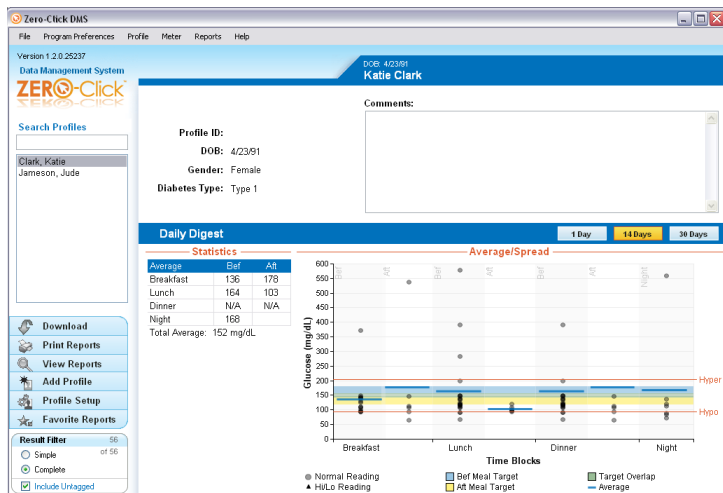
This section allows you to set the Time Format and Date Format. These settings will affect all information in the system except information in the *Virtual Meter* section.

Setup Download: To get to this section, click *Program Preferences>Setup Download*. This section allows you to decide how the program will download readings.

Setup User Mode: To get to this section, click *Program Preferences>Setup User Mode*. This section allows you to determine whether you want to use the “Home User” or “Professional” version of the software. The “Home User” mode is recommended for individuals with diabetes. The “Professional” mode is recommended for professionals who treat individuals with diabetes. A full description of the options is given on the *Setup User Mode* page.

Setup Favorite Reports (Professional mode only): To get to this section, click *Program Preferences>Setup User Mode*. This section, located under professional mode, allows you to mark reports as favorites. Favorite reports are marked with a star icon in the *Reports* section and will be printed if you choose to “Print Favorite Reports.”

Professional Homepage



10 How to Download Readings

Zero-Click is set up to start automatically and begin downloading your readings as soon as it detects that a meter is connected. If you do not want to take advantage of this fascinating technological breakthrough, then Zero-Click allows you to change the settings for the Zero-Click Agent. You can view these settings by navigating to *Program Preferences>Setup Download*.

On: In this configuration, the Zero-Click Agent starts when the computer starts. When a WaveSense-enabled meter is connected to the PC, your readings will download automatically and Zero-Click will launch.

Off: In this configuration, Zero-Click will detect when a WaveSense-enabled meter is connected to the PC and download readings only when Zero-Click is running.

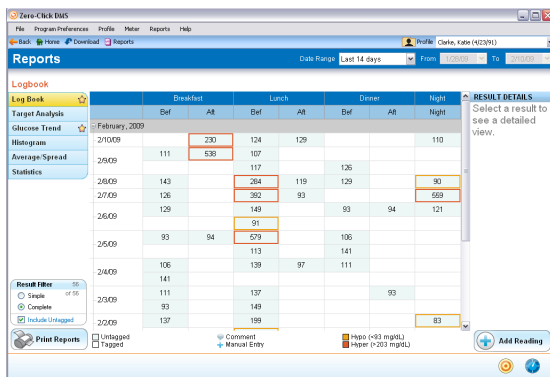
11 How to View Reports

Zero-Click has six easy-to-use reports to help you better identify trends and patterns. If used properly and in conjunction with the advice of a doctor or healthcare provider, these reports can be valuable tools to help manage your diabetes. Each report displays your results in a slightly different way. Decide which ones are most useful to you in conjunction with your healthcare provider.

Warning: Glucose results are marked with the time and date. The Zero-Click software organizes these readings into categories based on a user-settable schedule in *Profile>Setup Test Schedule*. The categorized results may not reflect the actual mealtime at which a reading occurred if you tested outside of your preset schedule or if you have changed your schedule.

Report Pages

For more information about how your results are displayed within each report, see the Result Filter information on page 9.

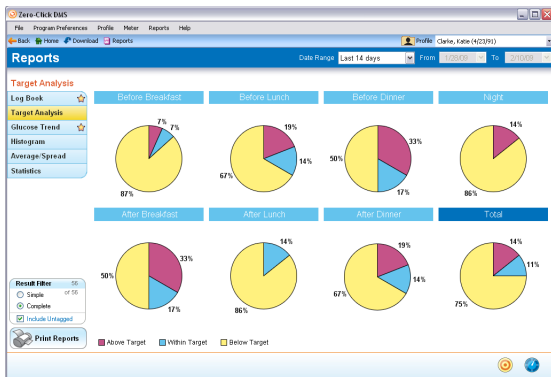


Log Book: To get to this report, click *Reports>Log Book*.

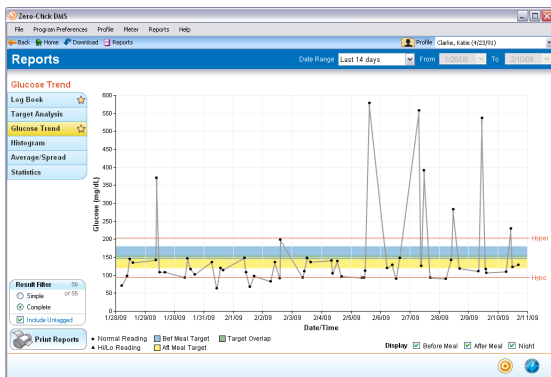
The Log Book charts your daily test results, which have been categorized by the time blocks specified in your Test Schedule (for information on how to customize your test schedule, see page 15). One result will be displayed per box. If you tested multiple times in the same time block, then extra rows of boxes will be added. Results are displayed sequentially with the most recent result in the time period displayed at the top and the older results displayed below.

Clicking on any Log Book entry displays its details to the right of the screen. The specifics of the result, including exact test times and any miscellaneous entry details are shown. You can also add comments to your reading for your records. To do this, click on a specific reading. Type your comments into the “Comments” field under the “Reading Details” section. Click “Save.” The comment will be entered into your database and printed on your reports.

Boxes colored yellow indicate a reading below your hypoglycemic threshold. Boxes colored red indicate readings above your hyperglycemic threshold. Occasionally you may get a result that reads “Hi” or “Lo” in your Log Book. These indicate results that were below 20 mg/dL or above 600 mg/dL.



Target Analysis: To get to this report, click *Reports>Target Analysis*. These pie charts display the percentages of readings that are below, within, and above your target glucose ranges. This visual representation allows for easy comparison of the overall glucose control in each time slot.



Glucose Trend: To get to this report, click *Reports>Glucose Trend*. The Glucose Trend graph displays glucose results over time. The glucose results are displayed as black dots (or triangles when you have “Hi” or “Lo” readings) connected by gray bars. This graph allows you to easily see the relationship of each glucose result to the one that came before it and after it. The check boxes in the lower right hand corner allow you to view only before-meal readings, only after-meal readings, only night readings, or a combination of the three. The default view will show all at the same time.



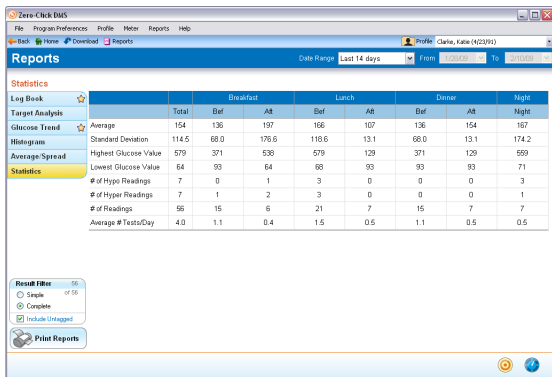
Histogram: To get to this report click *Reports>Histogram*. The Histogram displays the number of results that fall within a specified glucose range. Each bar is composed of before and after meal readings. You can hide before or after meal readings by clicking a check box in the bottom right of the page.



Average/Spread: To get to this report click *Reports>Average/Spread*. The Average/Spread report is a scatter plot of glucose readings at all times throughout the day. The blue, bold, horizontal bars on the graph represent your average. You can hide before- and after-meal readings by clicking a check box in the bottom right of the page.

Statistics: To get to this report. click *Reports>Statistics*. The Statistics report gives you a brief overview of how your glucose results fit into a number of categories.

Statistics are calculations of all the glucose readings for the corresponding time period, categorized by time block. The “Total” column is a summary of all the time blocks.



Average: This is the average of all the glucose readings in the given time frame.

Standard Deviation: This is the standard deviation of all the glucose readings in the given time frame. Discuss standard deviation with your HCP to determine your standard deviation goals.

Highest Glucose Value: This marks the highest reading that you have.

Lowest Glucose Value: This marks the lowest reading that you have.

of Hypo Readings: This shows how many hypoglycemic readings you have.

of Hyper Readings: This shows how many hyperglycemic readings you have.

of Readings: This is the total number of glucose readings that you have.

Average # Tests/Day: This is the average of the number of tests that you have taken each day.

12 How to Change Meter Settings via PC

Zero-Click allows you to set up your meter easily on the large screen of your computer. To set up your meter, it is necessary to have your meter plugged into the computer.

How to Change Meter Settings via PC:

[1] Click *Meter>Virtual Meter*, or click the “Virtual Meter” tab on the homepage. This will bring you to a page with pictures of WaveSense meters.

[2] Select your meter from the options under the “Select Meter” tab on the left-hand side of the Zero-Click window.

[3] Click the different options under the “Change Settings” tab to change your meter settings. When you change an option, you will see the screen on the meter image under the “Preview” tab change accordingly.

[4] When you are satisfied with your selection, click “Upload Settings To Meter” under the “Preview” tab.



About the Options under the “Change Settings” Tab

In the Virtual Meter section, under the “Change Settings” tab, there are several options on your meter that can be changed; the options differ depending on your meter. Below is a brief description of each option. Refer to your meter’s instructions to find a description of each feature.

General

In General settings, you can change the settings for the meter’s volume, back-light (if your meter has a backlight), time format, date format, and time sync options. For the time and date sync options, you can choose:

- **Do not Change Meter:** This will leave the meter time as it is currently set.
- **Sync with PC clock:** This setting will change the time of the meter to be the same as the time on the computer.
- **Manually Set:** This setting will allow you to change the time and date manually.

Target Ranges

In Target Ranges settings, you can change the settings for the meter’s Hypo- and Hyperglycemic warning alarms, as well as the Pre- and Post-Meal Ranges if your meter has this feature.

Alarms

In Alarms settings, you can change the settings for the meter's reminder alarms.

- Select an alarm that you wish to change by clicking the button next to the alarm.
- In the Alarm Details box, status sets the alarm on or off, volume sets the alarm volume (if your meter has this feature), and time sets the alarm time.
- Repeat for each alarm that you wish to change.

Schedule

In Schedule settings, you can change the settings for the meter's mealtime blocks, if your meter has this feature. Changing a time period affects the averages displayed on your meter's mealtime averages and graphs. Next to each time period, you can change the hour at which the time period begins.

Tags

In Tags settings, you can turn tagging on or off, if your meter has this feature.

Upload Settings To Meter

After you have made all of your changes, click the "Upload Settings To Meter" button under the "Preview" tab. Always check to ensure that the settings in your meter have been changed successfully.

13 How to Use Help Settings

Help: If you need more assistance, then we have created help files. To use these help files, click *Help>DMS Help* on the menu bar. A new window will pop up which will have a search field as well as a table of contents.

About: This section tells you the software version number. You can get to it by clicking *Help>About*.

14 File Maintenance

File Maintenance allows you to manage the data contained in Zero-Click. To use one of the options provided in File Maintenance, click *File>File Maintenance*. The File Maintenance Wizard will appear in a new window.

With File Maintenance, you can:

Import a database: Import will merge profiles and readings from a selected file (this file can be a previously exported profile, backed-up database, or archived file) into the current database.

Export a profile: Export will copy all of a profile's information that can be transferred without deleting any information from the current computer.

Archive glucose readings: Archive will save all profiles to an archive file. The file will contain all readings for the selected patients before a certain date. All archived readings will be removed from the current database.

To keep Zero-Click running efficiently, we recommend archiving old data that you do not currently view. This will keep the active database size down and increase the overall performance of your program.

Backup database: Backup will copy the current Zero-Click database into a file without deleting any information from the current database.

Important: The database has been designed to hold the information for 1,000 patients and up to 10,000 readings per profile. It is important to Archive data on a regular basis to keep the program functioning efficiently.

15 How to Uninstall the Zero-Click Data Management System

You can uninstall Zero-Click through Add/Remove Programs (Vista–Programs and Features) in the Windows Control Panel. Search through the list, select Zero-Click and click the “remove” (Vista–“uninstall”) button.

If in the rare event that you experience an error while using the Zero-Click Data Management System, please refer to the situations below. If they are not able to help you, then please call customer service.

If your problem cannot be solved by consulting the following troubleshooting situations, then call customer service.

Troubleshooting Situation #1: A Zero-Click Agent window appears stating, “Zero-Click Agent has encountered a problem and needs to close. We are sorry for the inconvenience.”

CAUSE: The Zero-Click Data Cable has been pulled out of the USB port on your computer. **ACTION:** Before removing the Zero-Click Data Cable from the USB port on your computer, first either close the Zero-Click Agent by right-clicking the icon next to the clock on your Start Menu and clicking “Close” or by shutting down your computer.

Troubleshooting Situation #2: The meter is associated with the wrong profile.

CAUSE: You associated the meter with the wrong profile by mistake. **ACTION:** First, remove the meter from the existing profile (you can do this by selecting the meter and clicking “Remove Meter” in *Profile > Meter ID*). Then connect your meter to the computer via the Zero-Click Data Cable and follow the on-screen instructions, taking care to associate the meter with the correct profile.

Troubleshooting Situation #3: After installing a new version of Zero-Click, Zero-Click or the Zero-Click Agent is not working correctly or is crashing.

CAUSE: The Zero-Click Agent was running when the new version was installed. **ACTION:** Uninstall Zero-Click and then reinstall, ensuring that neither Zero-Click nor the Zero-Click Agent is running or is open when reinstalling.

Troubleshooting Situation #4: Zero-Click opens, but does not download readings. The moving bars appear on the meter display, but the application times out.

[1] CAUSE: Your meter's batteries are dead. **ACTION:** Disconnect your meter and ensure that it turns on. If it does not turn on, then replace the batteries.

[2] CAUSE: You may have an early version of the meter. **ACTION:** Call customer service.

Troubleshooting Situation #5: Another data management system installed on the computer isn't working after you have installed Zero-Click.

ACTION: Before installing Zero-Click, uninstall any other data management system (consult the information that came with that system for instructions on how to uninstall) on your computer. After installing Zero-Click, you may reinstall any other system.

Troubleshooting Situation #6: When emailing reports, there is not a file attached to the email.

CAUSE: Your email application's security restrictions will not allow the file to be attached; a message appears stating this. **ACTION:** The file will be placed on the desktop. Attach the file manually via your email application.

Troubleshooting Situation #7: I cannot find the file that I just exported.

ACTION: Navigate to the "My Documents" folder. Zero-Click files are exported here by default. Alternatively, you can search your hard drive for "Zero-Click" or "DMS" using the Search Companion.

Troubleshooting Situation #8: While attempting to add a reading, Zero-Click keeps changing the value that I am trying to set.

[1] CAUSE: You may be trying to set a value below 20 mg/dL (1.1 mmol/L) or above 600 mg/dL (33.3 mmol/L). **ACTION:** Enter a value between 20 mg/dL (1.1 mmol/L) and 600 mg/dL (33.3 mmol/L). If the value that you are trying to add is outside this range, then Zero-Click will reset the value to either 20 mg/dL (1.1 mmol/L) or 600 mg/dL (33.3 mmol/L) depending on the value.

Troubleshooting Situation #9: While attempting to change Target Ranges, Zero-Click keeps changing the value that I am trying to set.

[1] CAUSE: You are trying to set a value either below your hypoglycemic threshold or above your hyperglycemic threshold. **ACTION:** Target Range values cannot be set below or above your hypo- or hyperglycemic thresholds. If you are trying to change a Target Range value and the value is being reset, then you must first change your hypo- or hyperglycemic threshold.
