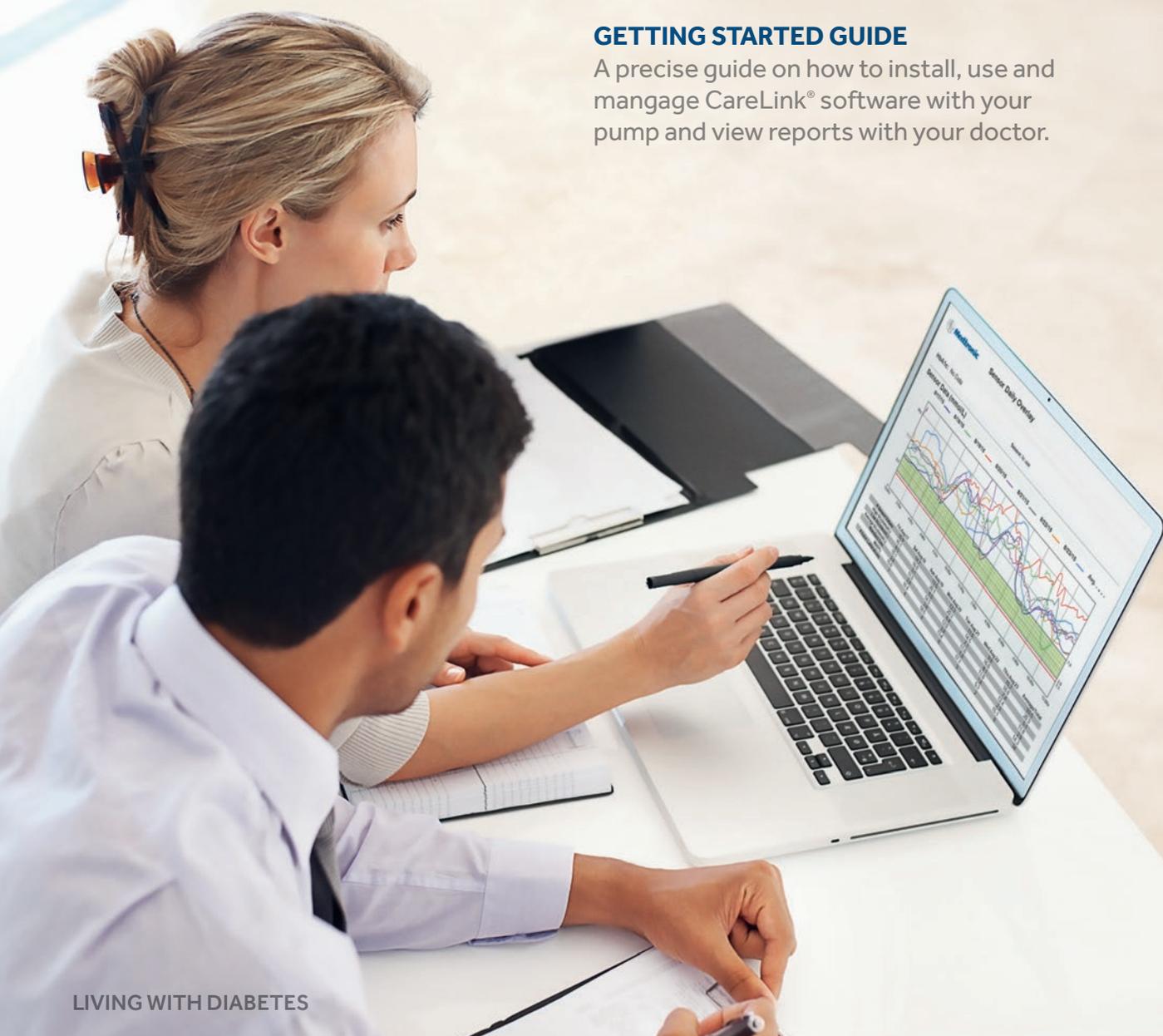


CARELINK® PERSONAL THERAPY MANAGEMENT SOFTWARE



GETTING STARTED GUIDE

A precise guide on how to install, use and manage CareLink® software with your pump and view reports with your doctor.



LIVING WITH DIABETES

Medtronic

WELCOME

Communication with your doctor. Carelink® Personal helps you communicate with your doctor, enabling you to share your therapy information remotely by uploading your pump blood glucose meter and Continuous Glucose Monitoring (CGM) data, for them to help you optimise your therapy.

Insights with reports.

It provides you with simple reports to easily track your glucose levels and see how they are affected by your insulin delivery, meals and exercise routines.

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SECTION 1
**CARELINK®
PERSONAL
SOFTWARE**
DEVICES YOU
CAN READ
HOW TO USE
THIS GUIDE
WHAT IS
CARELINK®?
WHAT DO
I NEED TO
START?
WHY IS
CARELINK®
USEFUL?

1.1 DEVICES YOU CAN READ WITH CARELINK® PERSONAL SOFTWARE*

- MiniMed® series pumps
- Guardian® REAL-Time® monitors
- Various glucose meters

*See online User Guide for complete list of supported devices and meters.

1.2 HOW TO USE THIS GETTING STARTED GUIDE

SETUP AND GENERAL OVERVIEW

This Getting Started Guide will provide you with instructions for setting up your CareLink® Personal account, uploading your devices, and tools to use as you evaluate some of the reports that you can obtain with CareLink®.

This booklet may be used as an ongoing resource for you.

The complete user guide for CareLink® Personal is located in the Help section after you log in to the web-based software.

The screenshot displays the CareLink Personal web application interface. At the top left is the Medtronic logo. On the right, the text 'CareLink Personal' is displayed above 'THERAPY MANAGEMENT SOFTWARE FOR DIABETES'. Below this are navigation links: 'My Info', 'Preference', 'Help', and 'Log-Off'. A secondary set of navigation tabs includes 'Home', 'Upload', 'Logbook', 'Help', and 'Results'. The 'Help' tab is highlighted with a yellow box. The main content area begins with 'Welcome Back,'. Below this is a 'Recent Activity' section with a table that has three columns: 'Date', 'Device', and 'Serial #'. To the right of the table is a 'What Can I Do Next?' section containing three links: 'Upload Data from My Device', 'Enter Data into My Logbook', and 'Generate Reports'. At the bottom of the page, a note with a plug icon states: 'To upload data to the system from your MiniMed insulin pump, Guardian REAL-Time monitor, or blood glucose meter, you need a cable or other connectivity device. If you don't already have one, please contact MiniMed product support at 18 00777808 or your meter company.'



NOTE: Prior to updating your computer operating system, check the online user guide in CareLink® Personal to be sure that the updated operating system will be compatible with CareLink® Personal.

1.3 WHAT IS CARELINK®?

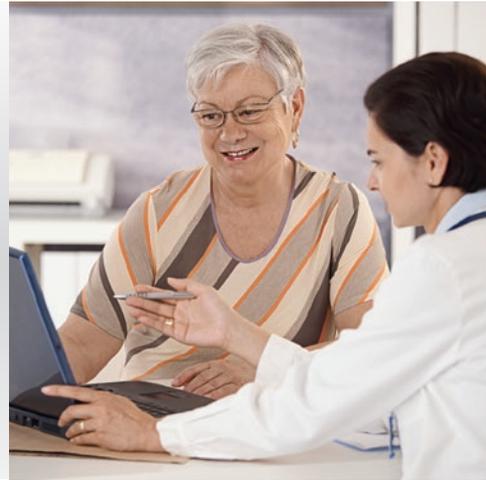
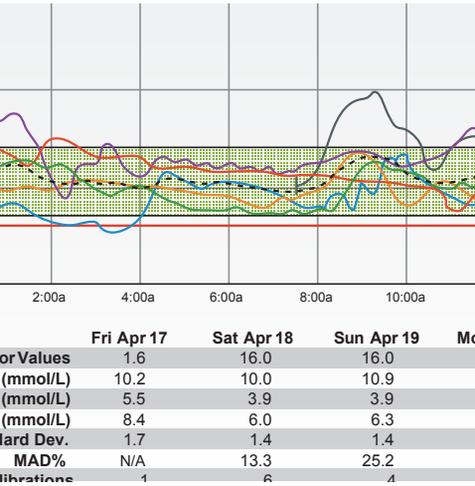
CareLink® Personal software allows you to upload information from your insulin pump, Continuous Glucose Monitoring (CGM) device, and blood glucose meter.

From these you can assess glucose control through a free, web-based program, making it easier to uncover trends and patterns.

1.4 WHAT DO I NEED TO START?

All it takes to get started is one of the following communication devices: the Bayer CONTOUR® NEXT LINK 2.4 or the CareLink® USB device provided with a MiniMed® series pump or Guardian REAL-Time monitor.

1.5 WHY IS CARELINK® USEFUL?



Easily track your glucose levels and the impact of insulin delivery, meals and exercise routines.

Store your information securely.

Uncover patterns and make more informed therapy decisions.



Sign up for a CareLink® account and get started by simply uploading information from your pump using your CareLink® communication device.

SECTION 2 SETUP SIGNING UP FOR CARELINK® BEFORE YOUR UPLOAD TO CARELINK®

LET'S GET STARTED!

FOR A LIST OF SUPPORTED OPERATING SYSTEMS PLEASE SEE:
<https://carelink.minimed.eu/> or Link to the online user guide within
CareLink® Personal.

2.1 SIGNING UP FOR YOUR CARELINK® ACCOUNT

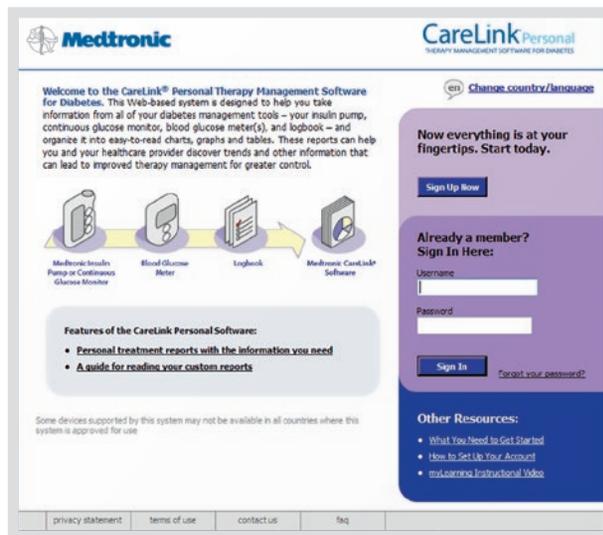
When you are ready to use CareLink®, go to: <https://carelink.minimed.eu/>

This will take you to the CareLink® Welcome screen. Before using CareLink® for the first time, you need to set up a user account and password. To do so, just follow these easy steps:



IMPORTANT: Please remember that you should not insert the CareLink® USB device until prompted.

STEP 1: From the Welcome screen, click the **Sign Up Now** button.

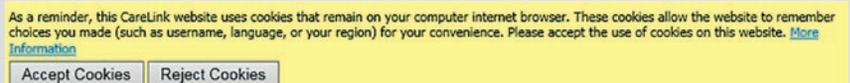


STEP 2: After you have accepted the terms of agreement, you'll be asked to create a username and password. The password can be any combination of letters or numbers from 8 to 32 characters long and include one uppercase letter, one number, and one special character.

Be aware that passwords are case-sensitive. **Be sure to keep your user name and password in a safe place**, and don't share them with anyone else. You can use one of the cards on the back cover to write down this information.

STEP 3: Enter your personal information in all the required fields and click the Submit button at the bottom of the form.

Once you have registered to use CareLink®, you can log in from the welcome screen using your new username and password. There will be a message notifying you that the CareLink® website is using cookies in your browser. If you have not accepted the cookies consent, this prompt will ask you to Accept Cookies before moving forward.



NOTE: Prior to inserting the CareLink® USB, please note that Windows Vista®, Windows® 7 and Windows® 8 users will need to first follow the "Setup Instructions for Windows Vista®, Windows® 7 and Windows® 8 Users" to successfully install the CareLink® USB drivers (on page 10).

2.2 BEFORE YOUR UPLOAD TO CARELINK®

When you are ready to upload to CareLink®, make sure to have your insulin pump or Guardian monitor and all BG meters on hand. If you are using a linked meter, those BG values will be in your insulin pump or Guardian monitor and you will not need to upload your meter.

CareLink® will walk you through the upload process, telling you which device to upload and when to connect it. Simply follow the instructions in each window, making sure to click Next > when you are ready to move on.



IMPORTANT: Wait until prompted to connect your USB device to a USB port on your computer.



USB Port

MiniMed® Paradigm Pumps



Your insulin pump may go into Suspend mode and stop dispensing insulin during the upload process. The software will automatically return it to normal operation when the upload process is complete. You may not be able to upload if your pump is in a special feature mode and you see the open circle next to your reservoir icon on the pump screen. Complete or cancel any bolus or temp basal in progress.

MiniMed® 600 Series Pumps



You will not be able to upload if your pump is delivering a bolus or a temp basal is in progress. Complete or cancel any bolus or temp basal in progress.

Make sure your computer and your device(s) are displaying the current date and time. They should be within one minute of each other to ensure that the information that is shared between them is consistent.

If you're using a compatible Bayer linking meter: Go to page 6 for upload instructions. **If you're using the CareLink® USB device:** Go to page 13 for upload instructions.



NOTE: The data uploaded from your device(s) through the linking device is stored on the CareLink® secure server, not on your computer. CareLink® meets high standards for security. It's actually safer than storing data on your own computer. For instructions on how to view and print reports, See pages 28 and 33.

SECTION 2
SETUP
UPLOADING
YOUR DEVICE
WITH A BAYER
METER

2.3 UPLOADING YOUR DEVICE WITH A COMPATIBLE BAYER LINKING METER

FOR WINDOWS ONLY

One time Driver install happens the first time you upload a compatible Bayer linking meter, or upload a pump through a compatible Bayer linking meter. The next time you upload you will not see this screen.

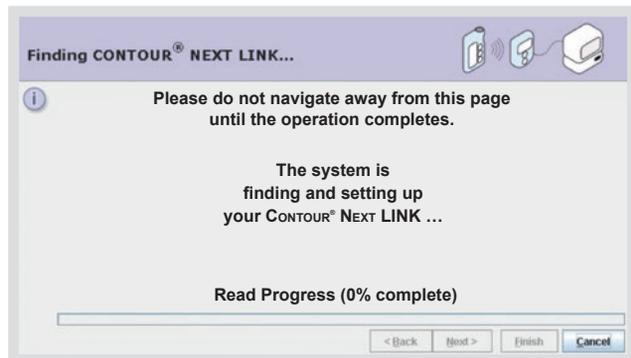
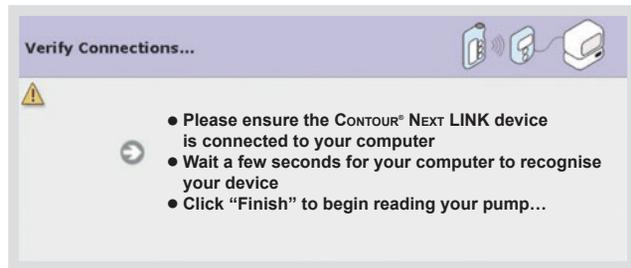


FOR WINDOWS ONLY

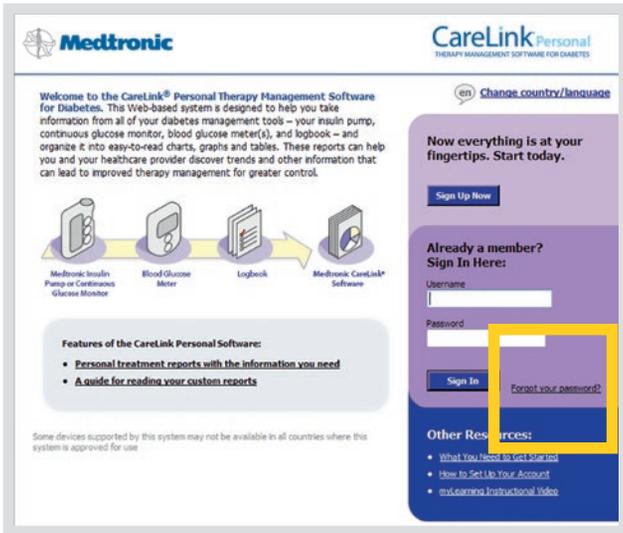
A password may be requested if using Windows® 7, 8 or Vista®. Some screens flash by, and then you see this screen. It displays regardless of whether your compatible Bayer linking meter is plugged in or not.



The following screen shows each time you upload a pump through the compatible Bayer linking meter (including the first time you upload your device, after driver install). When you plug in the device, you may see Windows recognise it in the system tray.



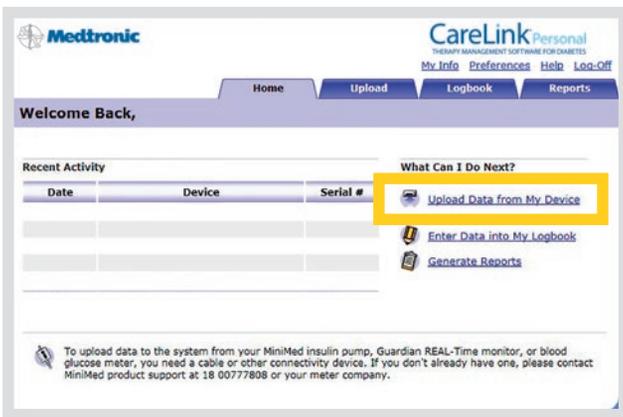
STEP 1: Go to www.carelink.minimed.eu
 Enter your user name and password. Click on **Sign In**.



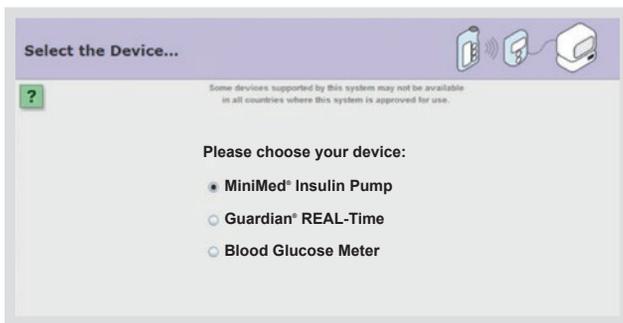
NOTE: If you **forget your password**, click on **Forgot your password?**

You will need to enter your Username and the e-mail address from your CareLink® profile and answer the security question you selected at the time of registration. A temporary password will be sent to your e-mail address. You will then enter a new password into your account. If you do not remember the answer to your security question, you will need to call the HelpLine for assistance.

STEP 2: Click on **Upload Data from My Device**. This screen will display your last five uploads.



STEP 3: Choose device.

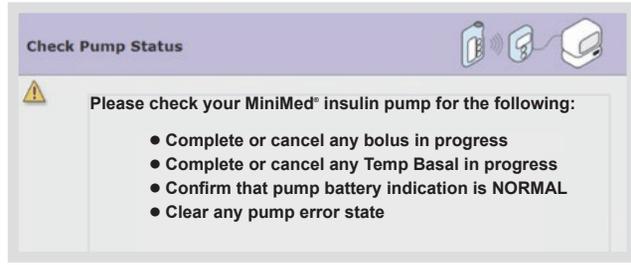


STEP 4: Choose device.



SECTION 2
SETUP
 UPLOADING
 YOUR DEVICE
 WITH A BAYER
 METER

STEP 5: The Check Pump Status screen asks you to verify that your pump is ready to upload.



Identify the Pump

Identify the pump...

Please enter your pump's 6-character serial number:

In Pump Status Back of pump

Identify the pump...

Please enter your pump's 10-character serial number:

In Pump Status Back of pump

Select the Device

Select the Link Device...

● CareLink® USB ○ Paradigm Link®

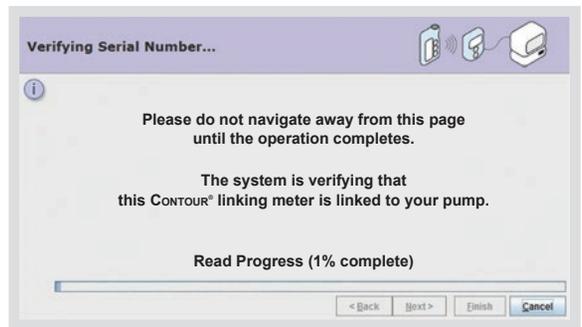
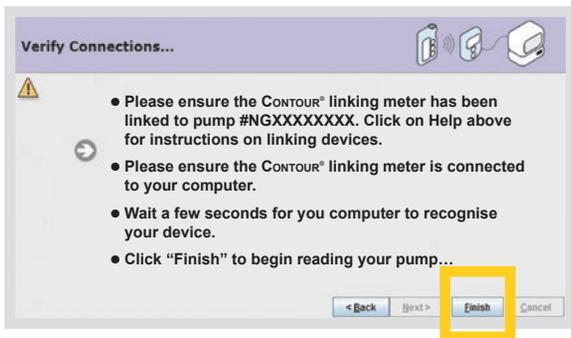
OR

Select the Link Device...

● Contour® Next LINK 2.4

STEP 6: The **Identify the pump** screen requires that you enter your pump serial number. Once you do this, the software will save your current pump serial number and you won't have to enter this the next time you upload.

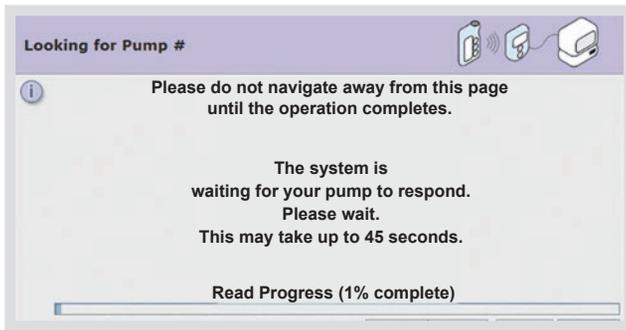
STEP 7: The **Select the Device** screen asks you to choose the device that you will be using to link your device to the software.



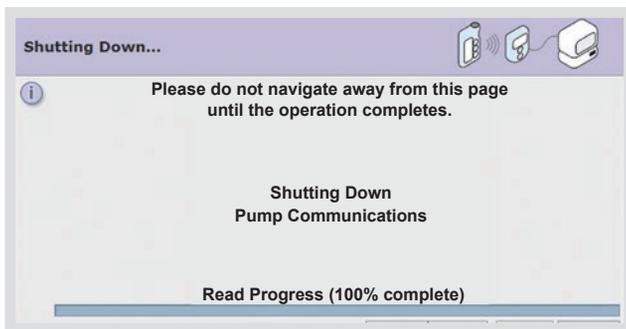
STEP 8: When you see the **Verify Connections** window, read the steps. This is to ensure you have properly set up communication between your computer and your device. When you are ready to complete the upload, click **Finish**.

STEP 9: The **Looking for Pump # xxxxxx** tells you that the system is waiting for the pump to respond.

If you click on another tab or link during an upload, the upload will be cancelled. You can also stop the upload by clicking Cancel.



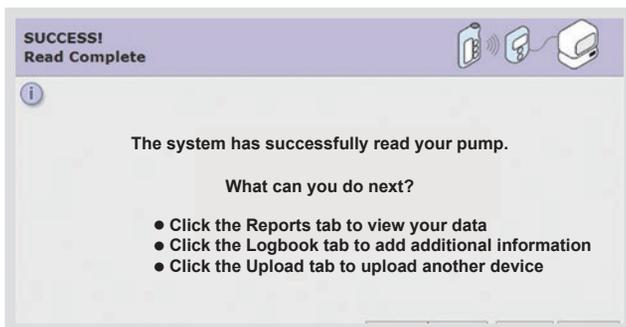
STEP 10: A progress window will then be displayed. The amount of time it takes to upload your data will depend on how much data needs to be uploaded.



STEP 11: A progress window will then be displayed. The amount of time it takes to upload your data will depend on how much data needs to be uploaded.



STEP 12: When the upload completes, the **SUCCESS!** screen will be displayed. You are now able to view your reports.



 **NOTE:** Be sure to upload any non-linked, compatible glucose meters using the appropriate cable for your specific meter. To do so, follow the above steps.

SECTION 2
SETUP
CARELINK® USB
SETUP FOR
WINDOWS

2.4 CARELINK® USB SETUP INSTRUCTIONS FOR WINDOWS VISTA®, WINDOWS® 7 & WINDOWS® 8 USERS

CARELINK® USB SETUP INSTRUCTIONS

For Windows Vista®, Windows® 7 and Windows® 8 users there are additional steps needed to set up your CareLink® USB as your communication device.

This will only need to be completed the first time you use your CareLink® USB in order to install the drivers needed to run the software.

If using Windows® 8 follow the instructions below:

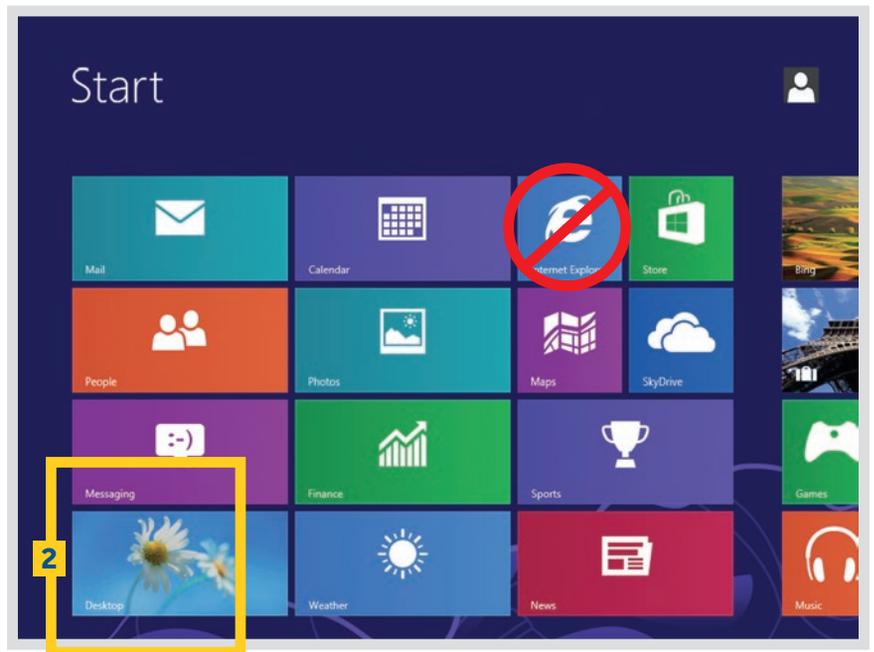


IMPORTANT:

DO NOT use Internet Explorer® from the Start screen.

STEP 1: Close all Internet Explorer® browser windows.

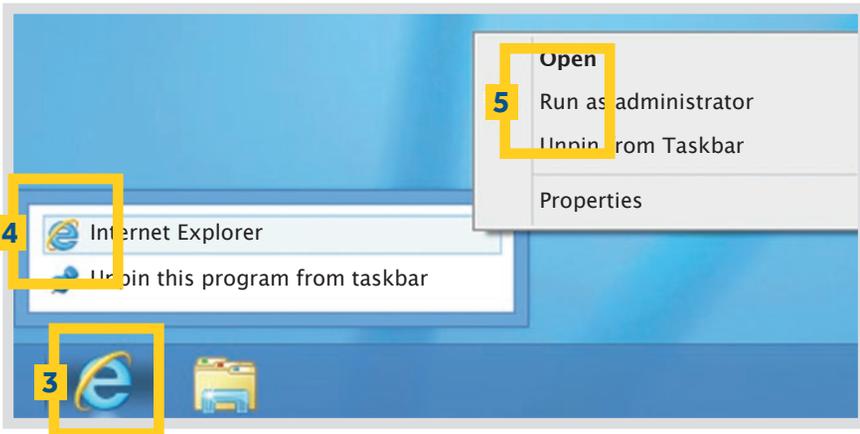
STEP 2: Click on **Desktop icon**.



STEP 3: Right click on **Internet Explorer®** from the task bar.

STEP 4: Right click on **Internet Explorer®** in the pull-up menu.

STEP 5: Click on Run as administrator.



STEP 6: When the “User Account Control” window is displayed, click **Allow**.

STEP 7: Log on to CareLink® Personal software:
<http://carelink.minimed.eu>



NOTE: Always use Internet Explorer® from the Desktop, not the Start screen, when accessing CareLink® Personal.



HAVING TROUBLE?
Contact 1800 777 808

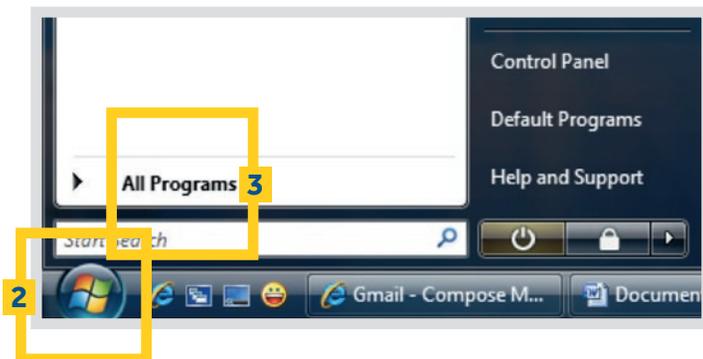
STEP 8: Upload your device.

To find out if the computer you are using is on the Windows Vista®, Windows® 7 or Windows® 8 operating system, right click on **Computer** then select **Properties** to view basic information about your computer. If using Windows Vista® or 7, please follow the instructions below:

STEP 1: Close all Internet Explorer® browser windows.

STEP 2: Click on the Windows® icon.

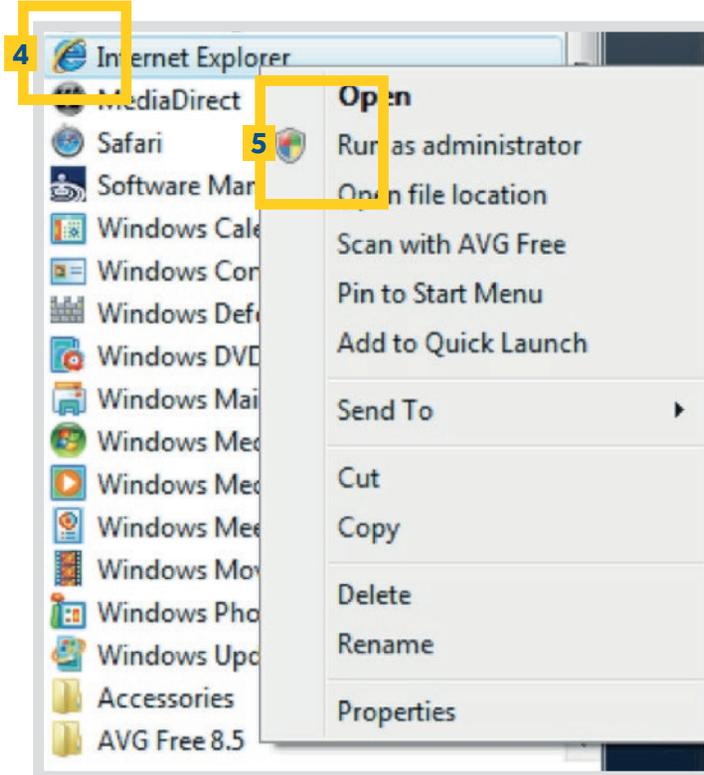
STEP 3: Click on All Programs.



SECTION 2
SETUP
CARELINK® USB
SETUP FOR
WINDOWS
UPLOADING
YOUR DEVICE
USING USB

STEP 4: Right-click on the Internet Explorer® option.

STEP 5: Click on Run as Administrator.



STEP 6: When the “User Account Control” window is displayed, click **Allow**.

STEP 7: Log on to CareLink® Personal software: <http://carelink.minimed.eu>

STEP 8: Upload your device.



At this point, setup for Windows Vista® Windows® 7 and Windows® 8 is complete. After you complete an upload successfully, you do not need to repeat this process.

2.6 UPLOADING YOUR DEVICE USING CARELINK® USB

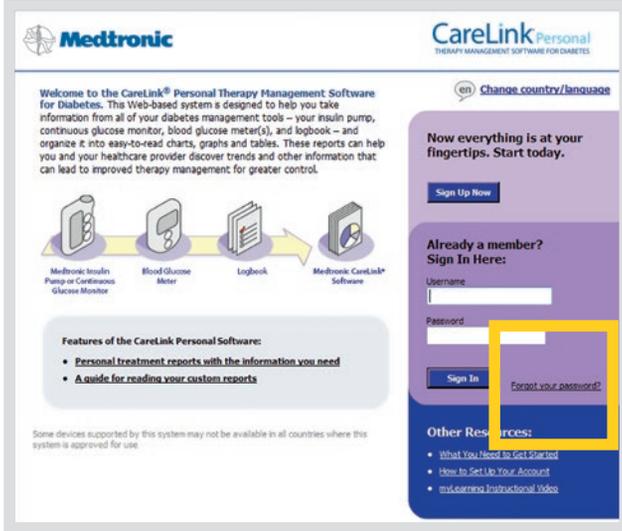


NOTE: You will need the white CareLink® USB when using other MiniMed® Series Pumps or Guardian monitor.

STEP 1: Go to <http://carelink.minimed.eu>

Enter your user name and password.

Click on Sign In.

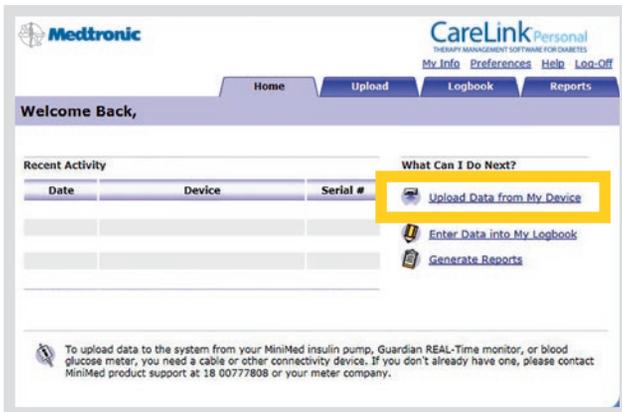


NOTE: If you **forget your password**, click on **Forgot your password?**

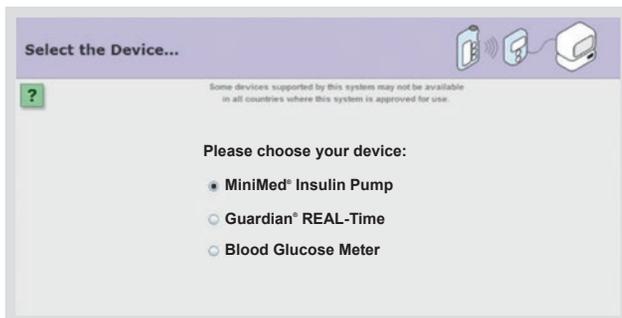
You will need to enter your

Username and the e-mail address from your CareLink® profile and answer the security question you selected at the time of registration. A temporary password will be sent to your e-mail address. You will then enter a new password into your account. If you do not remember the answer to your security question, you will need to call the HelpLine for assistance.

STEP 2: Click on **Upload Data from My Device**. This screen will display your last five uploads.



STEP 3: Choose device.

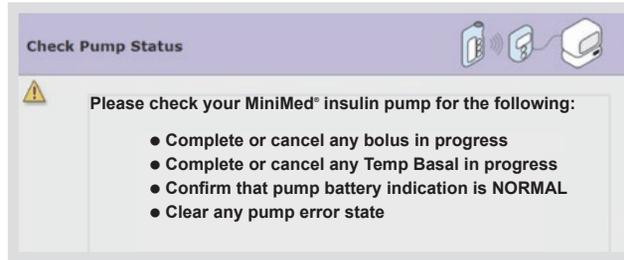


SECTION 2
SETUP
UPLOADING
YOUR DEVICE
USING USB

STEP 4: Choose device.



STEP 5: The Check Pump Status screen asks you to verify that your pump is ready to upload.



Identify the Pump

Identify the pump...

?

Please enter your pump's 6-character serial number:

In Pump Status Back of pump

Identify the pump...

?

Please enter your pump's 10-character serial number:

In Pump Status Back of pump

Select the Device

Select the Link Device...

?

● CareLink® USB ○ Paradigm® Link

OR

Select the Link Device...

?

● Contour® NEXT LINK 2.4

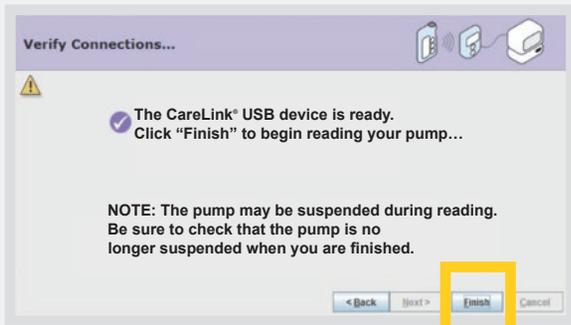
STEP 6: The **Identify the pump** screen requires that you enter your pump serial number. Once you do this, the software will save your current pump serial number and you won't have to enter this the next time you upload.

STEP 7: The **Select the Device** screen asks you to choose the device that you will be using to link your device to the software.

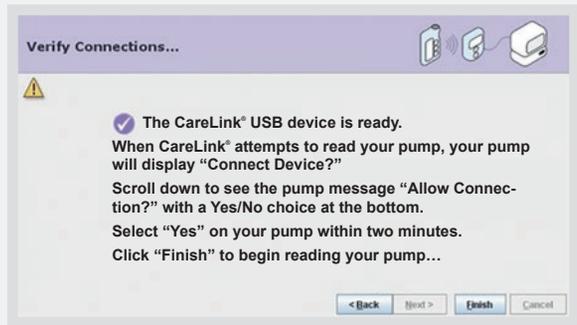
STEP 8: You will see this the first time you upload using your CareLink® USB. See instructions on pages 10 -12 if you are using Windows Vista®, Windows® 7 or Windows® 8.



Paradigm Pumps and Guardian Monitors



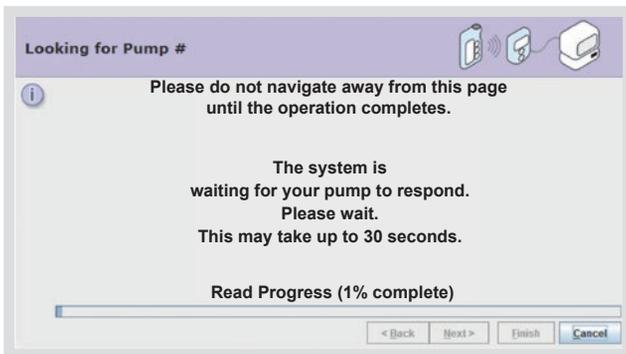
STEP 9: The **Verify Connections** screen lets you know that the CareLink® USB is ready to link your device to the software. The needed drivers have been correctly installed. You now need to click **Finish**. Have your insulin pump or Guardian monitor near the USB device and your data will begin to upload.



MINIMED® 600 SERIES PUMP

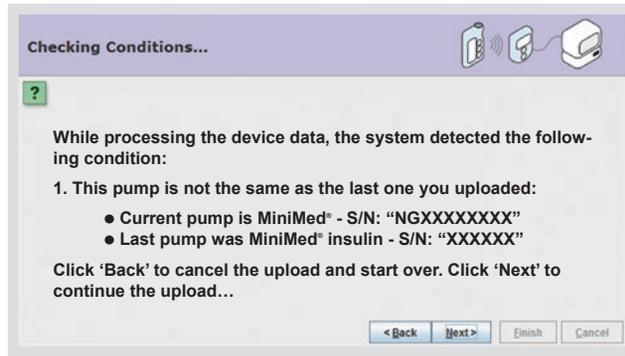
You will see this screen if you are uploading a MiniMed® 600 series pump. Have your insulin pump or Guardian monitor near the USB device and your data will begin to upload.

STEP 10: The **Looking for Pump #** xxxxxx tells you that the system is waiting for the pump to respond.

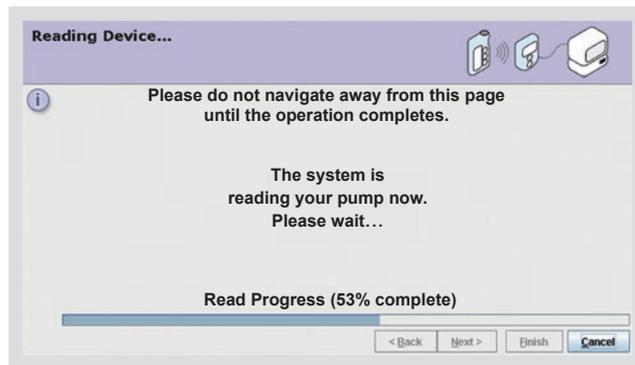


SECTION 2
SETUP
 UPLOADING
 YOUR DEVICE
 USING USB
 SECTION 3
CARELINK®
PERSONAL
REPORTS
 TIPS FOR USING
 CARELINK® SITE

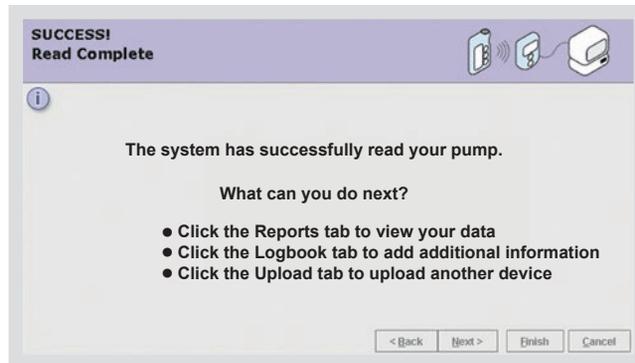
STEP 11: You will see this screen if you are using a different device for your current upload than you used on your last upload.



STEP 12: If you click on another tab or link during an upload, the upload will be cancelled. You can also stop the upload by clicking Cancel.



STEP 13: When the upload completes the SUCCESS! screen will be displayed. You are now able to view your reports.



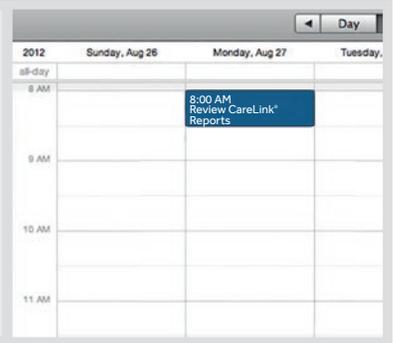
NOTE: Be sure to upload any non-linked, compatible glucose meters using the appropriate cable for your specific meter. To do so, follow the above steps.

3.1 TIPS FOR USING CARELINK® SITE



REGULARLY UPLOAD AND REVIEW YOUR INFORMATION USING CARELINK®

CareLink® can help you get the most out of your MiniMed® insulin pump or Guardian monitor. Pick a day each week and spend a few minutes to invest in yourself by reviewing CareLink® reports to improve your glucose control.



DISCUSS THERAPY ADJUSTMENTS WITH YOUR HEALTHCARE PROFESSIONAL

Make sure to talk to your healthcare professional before making any changes to your settings.



MAKE ONE OR TWO CHANGES AT A TIME

CareLink® may help reveal the changes needed to better manage your glucose levels. Take it slowly and focus on changing one or two things at a time. CareLink® helps to show how each therapy decision you make affects your glucose levels. Make CareLink® a part of your regular diabetes routine to achieve the best possible outcomes.



BRING REPORTS TO APPOINTMENTS WITH YOUR HEALTHCARE PROFESSIONAL

Bringing your CareLink® reports to your appointments gives your healthcare professional the option to use them when making decisions about therapy adjustments and ways to improve your diabetes care. You may also identify questions or concerns from the reports that you want to discuss with your healthcare professional.



Did You Know? Your healthcare professional may be able to view your reports on their office computer if they have CareLink® Pro Software. If they do not have this software, you can print out your CareLink® Personal reports to bring to your next office visit.

3.2 READING CARELINK® REPORTS

READING YOUR REPORTS IS AS EASY AS 1-2-3!

Follow these three steps to read your **Daily Summary** and **Sensor Daily Overlay** reports. An overview of these reports can be found on pages 22–25 of this guide.

STEP 1: Look at the overnight period

Do you see a pattern of lows?

Consider talking to your healthcare professional (HCP) about reducing your overnight basal insulin/rates.

Do you see a pattern of highs?

Was your BG level already high before bed?
 Was there a bedtime snack?

Consider talking to your HCP about increasing your basal insulin/rates or if on an insulin pump, changing the timing of your basal rate to increase during the night.

STEP 2: Look at the period before meals

Do you see a pattern of lows or highs?

Consider talking to your HCP about decreasing or increasing your basal insulin.

STEP 3: Look at the period after meals

Do you see a pattern of lows or highs?

Determine whether food was an issue.

Were you accurately carbohydrate counting?

Was insulin given at the right time?

Is your carbohydrate ratio correct?

If using an insulin pump, consider talking to your HCP about whether a Dual Wave® bolus would have been better for meals high in carbohydrate and fat.



Insulin sensitivity, carbohydrate ratios and active insulin may also be contributing factors. Discuss these and any other changes (such as what to do for exercise) with your healthcare professional.



NOTE: Use the 1-2-3 approach to reading your reports. Looking at specific sections of each report will help you and your healthcare professional better manage your diabetes. Be sure to share any regular patterns with your healthcare professional.

3.3 CARELINK® PERSONAL REPORTS

CareLink® Personal software generates many useful reports. In the beginning, focus on one or two key CareLink® reports. We will review several key reports here beginning with reports for those using the pump with meter data, the pump with CGM data, and those using CGM only.

Remember Guardian monitor users: In order to see insulin delivery, diet and exercise information in your reports, you must enter this information using the Capture Events feature in your device or the **Logbook** of CareLink®.

REPORT	WHAT IS IN THIS REPORT?	HOW DO I USE THIS REPORT?
Quick View Summary	Summary of insulin delivery, diet and exercise, and glucose levels.	Uncover potential insulin delivery issues related to glucose, meals, and/or activity.
Daily Summary	Glucose readings, basal and bolus insulin delivery, and carbohydrate and exercise levels for one day.	See the effect of carbohydrates, exercise and insulin delivery have on glucose levels.
Logbook Diary	Logbook information such as BG readings, carbohydrate entries, and boluses, grouped by periods of the day.	Review past treatment decisions to understand possible areas for improvement.
Data Table	All collected information over the selected reporting period.	Better understand information in other reports.
Modal Day Periods	BG readings over a period of time, grouped by periods in the day.	See how well your glucose stays within your target range at certain periods of the day.
Modal Day Hourly	BG readings over a period of time grouped by the hour of the day.	See patterns in BGs related to the time of day, as well as an overall summary of BG readings.
Trends Summary	Statistics of glucose control, insulin usage, and carbohydrate intake.	See average glucose readings, insulin usage and carbohydrate intake.
Device Settings	Insulin pump, CGM device, and meter settings for a particular time and day.	View pump, CGM, and meter settings.
Sensor Overlay	7 days of glucose sensor readings in a single chart.	Identify recurring patterns from day to day.
Sensor Weekly Logbook	A table of sensor and Logbook information broken up into pre-meal, post-meal, evening and sleep periods.	See how boluses, basal insulin and external events affect blood sugars.
Sensor Overlay by Meal	Sensor readings and glucose averages around pre-set meal periods (breakfast, lunch, dinner).	Review the effects of food, bolus insulin and pre-meal glucose levels on post-meal control.
Data Export (CSV)	Tool for exporting data out of CareLink® into other programs.	Export the data from CareLink® to other programs to allow for more detailed analysis.

Shaded reports require the use of CGM to obtain sensor values.

SECTION 3
CARELINK®
PERSONAL
REPORTS
DEVICE
SETTINGS
REPORT

3.4 DEVICE SETTINGS REPORT

This report shows the settings you have programmed into your pump or Guardian monitor — **basal patterns, Bolus Wizard™ settings, alarm volume, the remote serial number, alert settings, etc.**

It provides a helpful record of your device settings in case of settings loss and allows you to track how your settings have changed over time. You can also protect device settings by using the Save Settings feature in the **Utilities > User Settings** menu on your pump or Guardian monitor.

The date and time you select for your Device Settings report affects the data in the report.



NOTE: This report does not show actual insulin usage, it only displays the basal rates that have been programmed into the pump. It also shows which basal rate was active at the time of upload.

MINIMED® 600 SERIES PUMPS

Device Settings Snapshot
 Thursday 12/01/2016 11:13 AM

Data Source: MiniMed 640G.

2

Basal		
Maximum Basal Rate 2.00 U/Hr		
Basal 1 (active)		Day Off
Time	U/Hr	U/Hr
24-Hour Total	8.100 U	24-Hour Total --
Time	U/Hr	Time
0:00	0.350	--
6:00	0.350	--
9:00	0.100	--
11:00	0.250	--
14:00	0.300	--
16:00	0.450	--
22:00	0.350	--

3

Bolus Wizard		Easy Bolus	
On	g, mmol/L	0.20 U	
Active Insulin Time (h:mm)	2:00	Bolus Increment	0.1 U
Maximum Bolus	10.0 U	Bolus Speed	Standard
Carbohydrate Ratio (g/U)		Dual/Square On/On	
Time	Ratio	Time	Sensitivity
0:00	8.0	0:00	10.0
10:00	15.0	6:00	4.0
17:00	14.0		

5

Sensor				
Sensor On				
High Alerts				
On (Snooze 2:00)				
Start Time	High (mmol/L)	Alert On High	Alert Before High	Rise Alert Limit (mmol/L)
0:00	12.0	x		
6:00	15.0	x		
15:00	8.0	x		
21:00	12.0	x		

1

Preset Bolus	
Name	Rate
Bolus 1	Normal
Breakfast	Square
Dinner	
Lunch	
Snack	
Bolus 2	
Bolus 3	
Bolus 4	

4

Sensor				
Sensor On				
High Alerts				
On (Snooze 2:00)				
Start Time	High (mmol/L)	Alert On High	Alert Before High	Rise Alert Limit (mmol/L)
0:00	12.0	x		
6:00	15.0	x		
15:00	8.0	x		
21:00	12.0	x		

2

Basal		
Maximum Basal Rate 2.00 U/Hr		
Basal 1 (active)		Day Off
Time	U/Hr	U/Hr
24-Hour Total	8.100 U	24-Hour Total --
Time	U/Hr	Time
0:00	0.350	--
6:00	0.350	--
9:00	0.100	--

3

Bolus Wizard		Easy Bolus	
On	g, mmol/L	0.20 U	
Active Insulin Time (h:mm)	2:00	Bolus Increment	0.1 U
Maximum Bolus	10.0 U	Bolus Speed	Standard
Carbohydrate Ratio (g/U)		Dual/Square On/On	
Time	Ratio	Time	Sensitivity
0:00	8.0	0:00	10.0

5

Sensor				
Sensor On				
High Alerts				
On (Snooze 2:00)				
Start Time	High (mmol/L)	Alert On High	Alert Before High	Rise Alert Limit (mmol/L)
0:00	12.0	x		
6:00	15.0	x		
15:00	8.0	x		
21:00	12.0	x		

4

Preset Temp	
Name	Rate
High Activity	
Moderate Activity	100%
Low Activity	
Sick	

MINIMED® PARADIGM PUMPS

Device Settings for

1 Device Settings at 3/20/12 9:01 AM (Settings are not available for the requested date and time, 3/23/12 5:45 PM)

Device: VER 1.0A1.1

Time Changes: 4

Basal

Maximum Basal Rate 2.000 U/Hr
Basal Patterns On

Temp Basal Type Insulin Rate (U/H)

Standard Pattern (Active)

2

Standard					
24 Hr Total		23.925 U			
Last Edit		No Data			
Profiles					
12:00a	0.700	03:00a	0.725	08:00a	1.700
02:00p	0.800				0.800

Bolus

Maximum Bolus 25.0 U
Dual/Square On
BG Reminder Off

Easy Bolus Off
Scroll Step 0.1 U

Bolus Wizard On
Bolus Wizard Units grams, mmol/L
Active InsulinTime 3 hours

3

Carbohydrate Insulin Ratio		Blood Glucose Target		Insulin Sensitivity	
Time	grams/Unit	Time	mmol/L	Time	mmol/L/U
12:00a-06:00p	12	12:00a-12:00a	5.5 - 5.5	12:00a-12:00a	2.8
06:00p-12:00a	11				
24 Hour Average 11.8		24 Hour Average 5.5		24 Hour Average 2.8	

4

Missed Bolus Off

Utilities

Time Display 12 Hr.
Alert Type Vibrate
Auto Off Off

Alarm Clocks Off
Meters On: C8009F

Low ReservoirWarn Insulin Units
Amount 20.0 U

Remotes Off

Program Block Off
Capture Events Menu Off

Other Devices Off

Sensor

5

Glucose Alerts

Glucose Limit Alerts On

Time	Low	High
12:00a-12:00a	3.0	13.9

Alert Repeat (h:mm) 0:20 0:40

Predictive Alerts Off
Sensitivity (h:mm)

Rise Rate Alert Off
Fall Rate Alert Off

Alert Options

Calibration Reminder 1:00
Cal Alert Repeat 0:30

Alert Silence Off
Duration

Statistics

High AUCThreshold 9.9 mmol/L
Low AUCThreshold 3.8 mmol/L

6

Low Glucose Suspend On: 3.3 mmol/L

Communications

Sensor On
Auto Calibration Off
Transmitter ID 2292010
Weak Signal 0:30

Sensor Graph

Graph Time Out 0:06
Demo Mode Off

- 1** The time and date for the settings of the device listed.
- 2** Shows your basal settings and highlights the pattern that is active at the time of the upload.
- 3** Bolus settings include Bolus Wizard™ settings such as carbohydrate ratio, Bolus Wizard™ targets, insulin sensitivity, active insulin time and any special features that might be turned on.
- 4** Utilities features and settings.
- 5** Sensor alerts and settings if you are using a sensor.
- 6** If you have a pump enabled with Suspend by Sensor or Low Glucose Suspend features you will see those settings here.

SECTION 3 CARELINK® PERSONAL REPORTS QUICK VIEW SUMMARY REPORT

3.5 QUICK VIEW SUMMARY REPORT

This report provides you with a summary of the following for the two-week period you select:

- Glucose control (including averages, highs and lows, number of readings, and hypo events)
- Insulin usage (including totals, percent basal and bolus, number and average of boluses, and priming/filling information)
- Carbohydrate intake (if entered in the Capture Event feature, the Bolus Wizard™, or in your CareLink® Personal logbook)
- Exercise (if entered in your logbook)
- Infusion set changes (if entered in your logbook).

If you are using a sensor-enabled pump or a Guardian monitor, this report may include glucose data captured by the sensor. This is in addition to blood glucose information captured by a glucose meter.

If you run the Quick View Summary report for the Guardian monitor only, this report will look slightly different from what is described here when insulin delivery is shown.

To retrieve certain data from a MiniMed® pump or Guardian monitor, you must first have entered the data by using the Event Marker feature, Capture Event feature the Bolus Wizard™ Calculator, or by entering the data in the logbook.



IMPORTANT: If you enter the same data in multiple places (Event Marker, Capture Event, Bolus Wizard™, or the Logbook), you may see duplicate information.



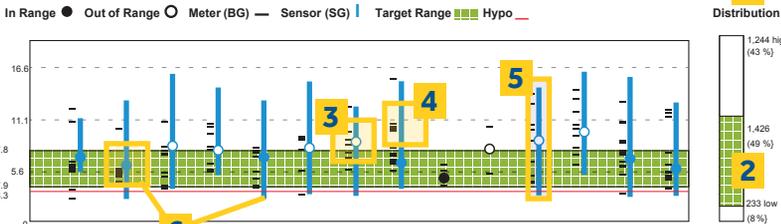
Quick View Summary
 Mar 11 - Mar 24, 2015
 (14 days)

Pump:
 Meter: Paradigm System
 Sensor: In use

Time Changes: 1

HbA1c: No Data

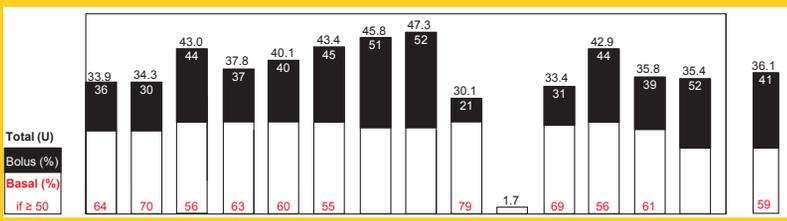
Glucose - High / Low / Average (mmol/L)



BG/SG Stats	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
Average	8.7/6.0	7.7/6.0	6.3/6.3	7.9/7.9	6.1/6.9	7.2/8.0	8.3/8.7	8.5/6.3	4.9	7.8	7.7/8.8	10.8/9.8	7.7/6.8	6.4/5.8	7.4/7.5
High	10.4/6.0	10.0/13.1	10.8/10.0	10.5/14.5	7.9/13.2	9.1/15.2	12.5/12.5	15.4/15.2	6.2	10.4	13.8/14.5	17.9/16.3	12.9/15.7	12.1/12.9	17.9/16.3
Low	2.6/5.3	4.4/2.5	3.7/3.6	5.5/5.0	3.8/2.4	2.9/3.0	5.7/2.8	5.5/3.6	3.8	5.2	2.8/2.9	6.3/5.2	3.1/2.7	3.6/2.8	2.8/2.4

Hypo Excurs.	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
Hypo Excurs.	1/0	0/5	0/0	0/0	0/2	1/1	0/1	0/0	0	0	1/1	0/0	1/3	0/3	4/16

Insulin Delivery (Units)



Total (U)	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
Total Insulin	33.9	34.3	43.0	37.8	40.1	43.4	45.8	47.3	30.1	1.7	33.4	42.9	35.8	35.4	36.1
Basal Insulin	21.6	23.9	23.9	23.8	23.9	22.3	22.7	23.9	1.7	22.9	23.9	21.8	17	17	21.3
Bolus Insulin	12.3	10.4	19.1	14	16.2	19.5	23.5	24.8	6.2	0	10.5	19	14	18.4	14.8

# of Boluses	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
# of Boluses	5	4	4	5	4	5	4	6	7	2	0	5	6	8	4.7
Average Bolus	2.5	2.6	4.8	2.8	3.2	4.9	3.9	3.5	3.1	NA	2.1	3.8	2.3	2.3	3.1

# of Suspend on LOW	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
# of Suspend on LOW	1		1		3				1	2					8
# of Suspend before LOW		2				1			1				2		6

Logbook

Carbs (grams)	Sun Mar 11	Mon Mar 12	Tue Mar 13	Wed Mar 14	Thu Mar 15	Fri Mar 16	Sat Mar 17	Sun Mar 18	Mon Mar 19	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24	Average or Total
Carbs (grams)	92	115	191	121	167	201	215	207	79	0	87	166	147	199	153
Exercise (min)															NA
Set Changes															0

- 1 Total number of glucose readings and the percentage you were above, below and within your target glucose range during the period.
- 2 Percentage of total readings within target range.
- 3 Circles indicate your average glucose for the day.
- 4 Black hash marks identify Blood Glucose (BG) values from your BG meter.
- 5 Vertical lines show your range of glucose values for the day.
- 6 Circles, lines, and statistics in blue are Sensor Glucose (SG) values from the sensor.
- 7 Number of hypo events during this period (based on hypo threshold setting in Preferences).
- 8 The total amount of insulin you received each day, and breakdown of bolus (solid black bar) and basal (solid white bar) insulin.
- 9 The number of sensor initiated suspends that occurred on specific days if you have a device with that feature.
- 10 The days you exercised.
- 11 When your infusion set was changed.

3.6 DAILY SUMMARY REPORT

The **Daily Summary Report** shows glucose readings, basal and bolus insulin delivery, and carbohydrate and exercise levels for one day. This report helps you identify the cause and effect of specific high and low glucose events.

There are four main sections to the **Daily Summary Report**, shown on the following page:

- **Meter and Sensor Glucose Readings**
- **Insulin Delivery**
 - Allows you to see the amount and type of insulin delivered throughout the day, as well as any pump alarms and times when delivery of insulin was suspended.
 - If you have a Suspend by Sensor or Low Glucose Suspend (LGS) enabled pump, the dashed red lines indicate when the pump suspended insulin delivery due to sensor value reaching the Suspend by Sensor or LGS limit.
 - An alarm icon will show at the beginning of the suspend.
 - A second alarm icon will show if the pump resumes basal insulin without user interaction with the pump.
- **Carbohydrates and Exercise**
 - Carbohydrates: Get the most out of CareLink® by entering carbohydrate information either by using the **Bolus Wizard™** or **Event Marker Capture Events** in your insulin pump or Guardian monitor or by using the **Logbook** feature in CareLink®.
 - Exercise: Enter time, duration and intensity (low, medium, high) of exercise events using the **Logbook** feature in CareLink® or add the exercise icon in **Event Marker Capture Events** on your insulin pump or Guardian monitor.
- **Summary**

All three graphs on the **Daily Summary Report** are in the same chronological order and aligned throughout the day. Use these graphs together to understand the effect that carbohydrates, exercise and insulin delivery have on your glucose levels.

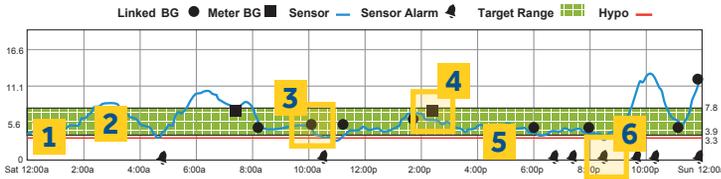


IMPORTANT: You **do not** want to enter the same data in multiple places (Capture Events, Bolus Wizard™, CareLink® Logbook) or you may see duplicate information.

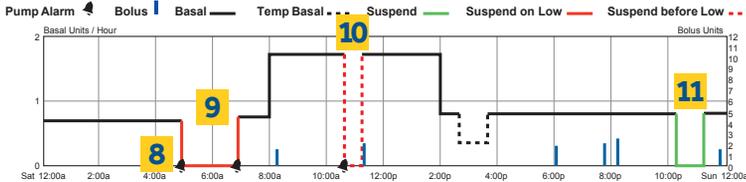
HbA1c: No Data

Pump: Paradigm System
Meter: In use
Sensor: In use

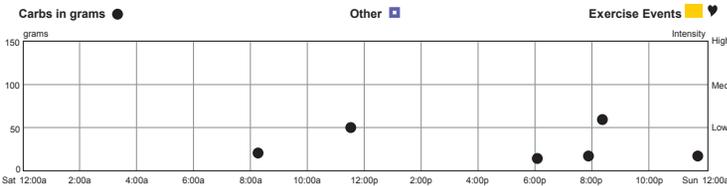
Glucose (mmol/L)



Insulin Delivery



Carbohydrates and Exercise



Summary

Glucose BG/SG	Insulin	Carbs	Exercise
Average (mmol/L) 6.4/5.8	Total (U) 35.4	Total Carbs (grams) 199	Total Minutes -
High (mmol/L) 12.1/12.9	Basal (U) 17.0 48%	Average Carbs (grams) 33	Average Intensity -
Low (mmol/L) 3.6/2.8	Bolus (U) 18.4 52%	# of Meals 6	Average Minutes -
# of Readings 11/288	Normal (U) 18.4		# of Episodes -
# of BG Hypos 0	Square (U) 0.0		
# Hypo Excursions 2	Suspended Minutes 210		
	Temp Basal Minutes 60		
	# of Alarms 4		
	# of Suspends 3		
	# Suspend on Low 1		
	# Suspend before Low 1		
	# Suspends 3		

- Blue line represents sensor readings.
- Green shaded area represents the target glucose range set in the preferences section of CareLink®.
- Black circles represent linked BG meter readings, marked "Linked BG".
- Black squares represent BG readings manually entered into the device.
- The red line is the low glucose indicator set in the preferences section of CareLink®. The default setting is 3.3 mmol/L. If your device has a Suspend by Sensor or Low Glucose Suspend feature you may want to set this value to match your low suspend value in your pump settings.
- Sensor alarm received.
- Shows basal and bolus insulin. This looks different if you are using the Guardian monitor.
- Pump alarm received.
- Suspend on Low or Low Glucose Suspend with auto resume of basal insulin after 2 hours identified by a solid red line with alarms at the start and end of the event.
- Suspend before Low.
- Manual suspend by user.
- The carbs eaten and exercise information (if entered).
- The total number of suspend events will be listed here by category if suspends occurred.



NOTE: The **Insulin Delivery** section legend will display only the icons from events used on that day's report. The following is a key for the full set of icons that may show up in this area:

- Pump Alarm 🔔
- Basal —
- Suspend —
- Bolus |
- Temp Basal - - -
- Suspend before Low - - -
- Square Bolus ■
- Injection ■
- Suspend on Low —

SECTION 3
**CARELINK®
 PERSONAL
 REPORTS**
 SENSOR DAILY
 OVERLAY
 REPORT
 SENSOR
 OVERLAY BY
 MEAL REPORT

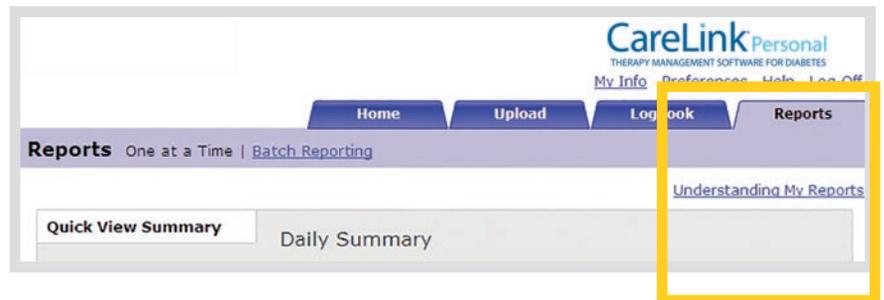
3.7 SENSOR DAILY OVERLAY REPORT

The **Sensor Daily Overlay Report** shows 7 days of glucose sensor readings in a single chart. Each day has a different colour tracing so you can easily tell them apart, allowing you to identify recurring patterns from day to day or at specific times of day.

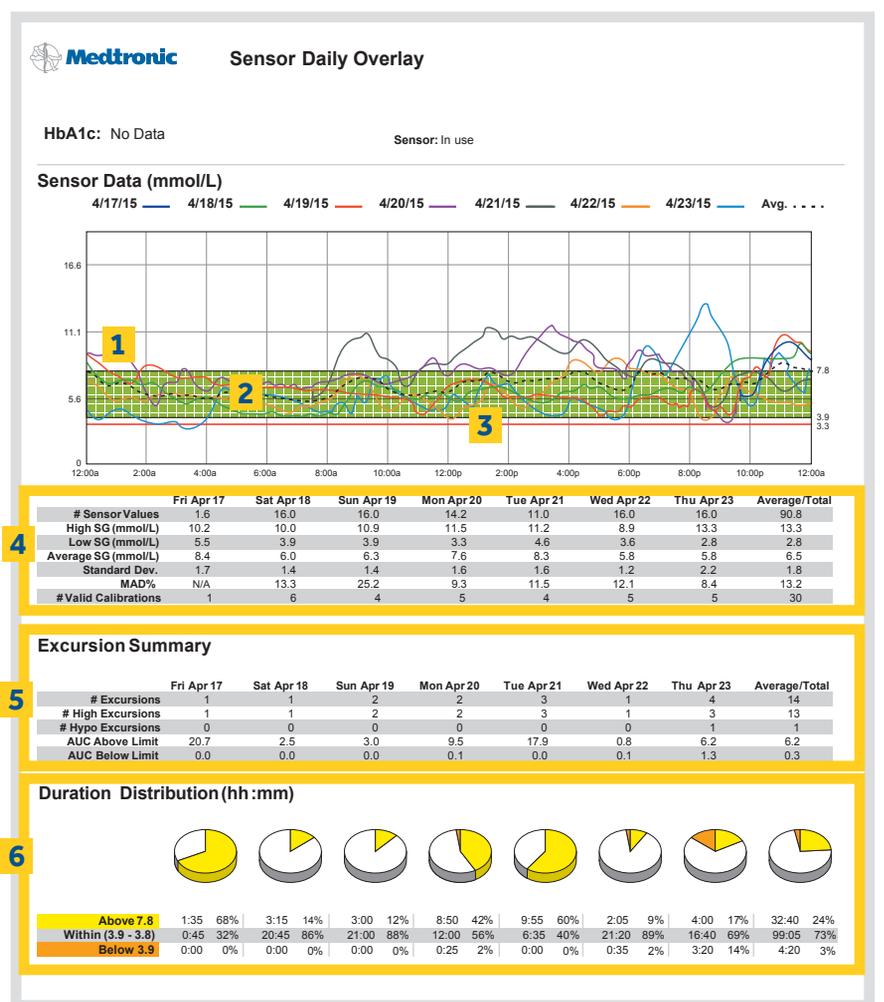
The **Sensor Daily Overlay Report** also helps you identify specific days that you may want to look at in more detail with the **Daily Summary Report**. If you see an event in your report that appears out of the ordinary, use the **Daily Summary Report** to identify its cause.



For more detail on reading your reports, use the **Understanding My Reports** tab in CareLink®.



- 1** This graph shows a 7-day overlay of sensor glucose values. Each day is shown with a different colour.
- 2** The green shaded area represents the target glucose range set in the preferences section of CareLink® and shows whether you are meeting your goals for glucose control. The default setting is 3.9–7.8 mmol/L.
- 3** The red line represents the low glucose indicator set in the preferences section of CareLink®. The default setting is 3.3 mmol/L. If your device has a Suspend by Sensor or Low Glucose Suspend feature you may want to set this value to match your Suspend by Sensor Low Limit or Low Glucose Suspend value.
- 4** Specific information regarding each day's sensor readings and calibrations.
- 5** The number of excursions outside the target glucose range.
- 6** The amount of time spent above, in and below your target glucose range displayed on a pie chart.



3.8 SENSOR OVERLAY BY MEAL REPORT

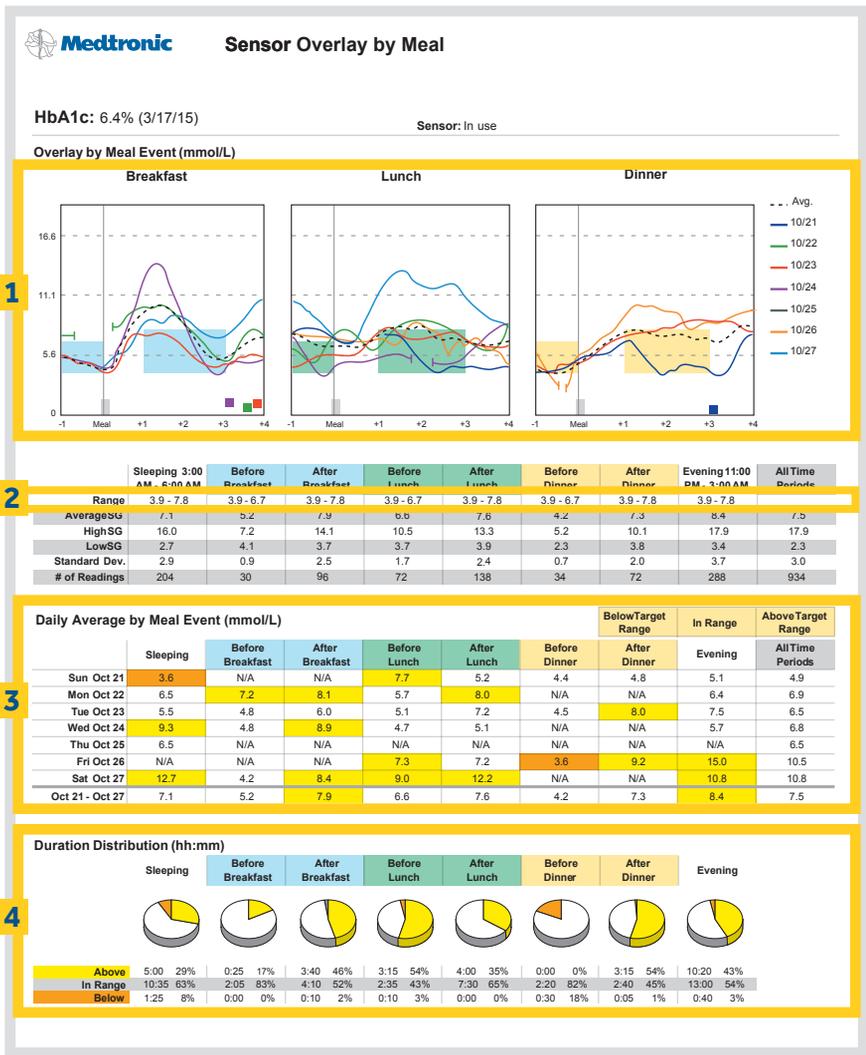
The **Sensor Daily Overlay by Meal Report** shows your glucose values related to meal times.

You choose up to seven days of glucose tracings you want to see. This report layers the tracings on top of each other so you can compare the days to each other in time blocks associated with Breakfast, Lunch and Dinner. Each day has a different colour tracing so you can tell them apart.

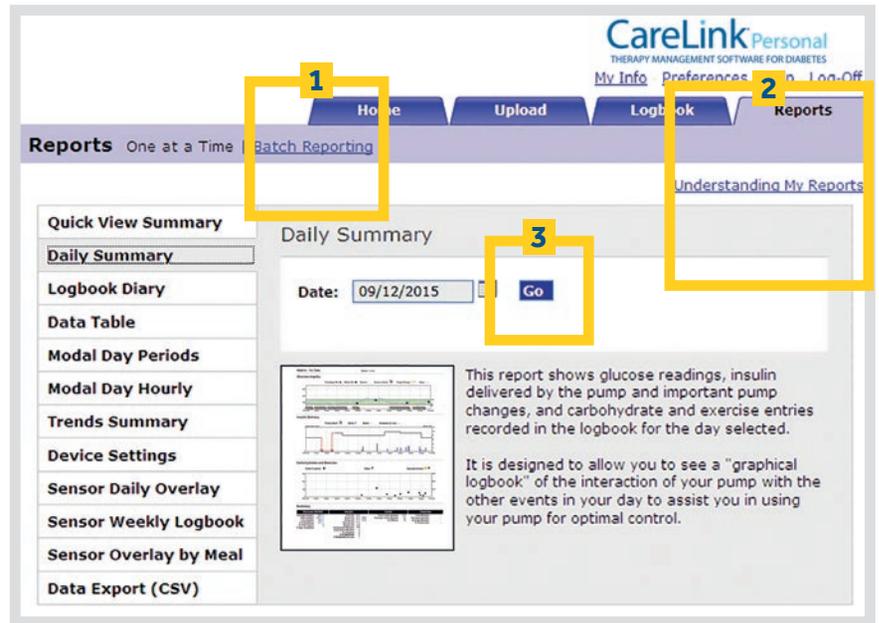
Averages and totals across all days in the report are displayed in tables for each meal, evening and sleep time period. In addition, pie charts show the duration of time above, below and within target range for each time period.

The time periods and target ranges used for this report come from the Advanced Intraday Periods Preferences you set on the Preferences screen.

You can check the “Guidelines for Setting Advanced Intraday Periods” section of the User Guide for more information on how to change these time periods and target ranges.



3.9 GENERATING, VIEWING AND UNDERSTANDING REPORTS



1 Generating Reports –

Reports are displayed in PDF format. They can be viewed online, saved, printed or emailed. You can share your reports with your healthcare professional to help them make decisions about your treatment regimen.

Reports can be generated one at a time or in batches. Batch reporting allows you to choose a group of reports you would like to see and generate them all at once.

2 Viewing Reports –

Select a report from the menu on the left-hand side of the screen. Select the date or date range for the report and click the Go button. Your report is displayed as a PDF file in a separate window.

3 Understanding Reports –

When you click this link, CareLink® will display information describing the report you generated. Also, where appropriate, it explains what to look for in the results.



NOTE: There is an option to download and install Adobe Reader. The link is located on the bottom right-hand side of the Reports page.

4.1 USING CARELINK® PERSONAL SOFTWARE

CareLink® offers you and your healthcare professional access to information to help you make better therapy decisions and help improve your glucose control.

THERAPY ADJUSTMENT USING CARELINK® REPORTS

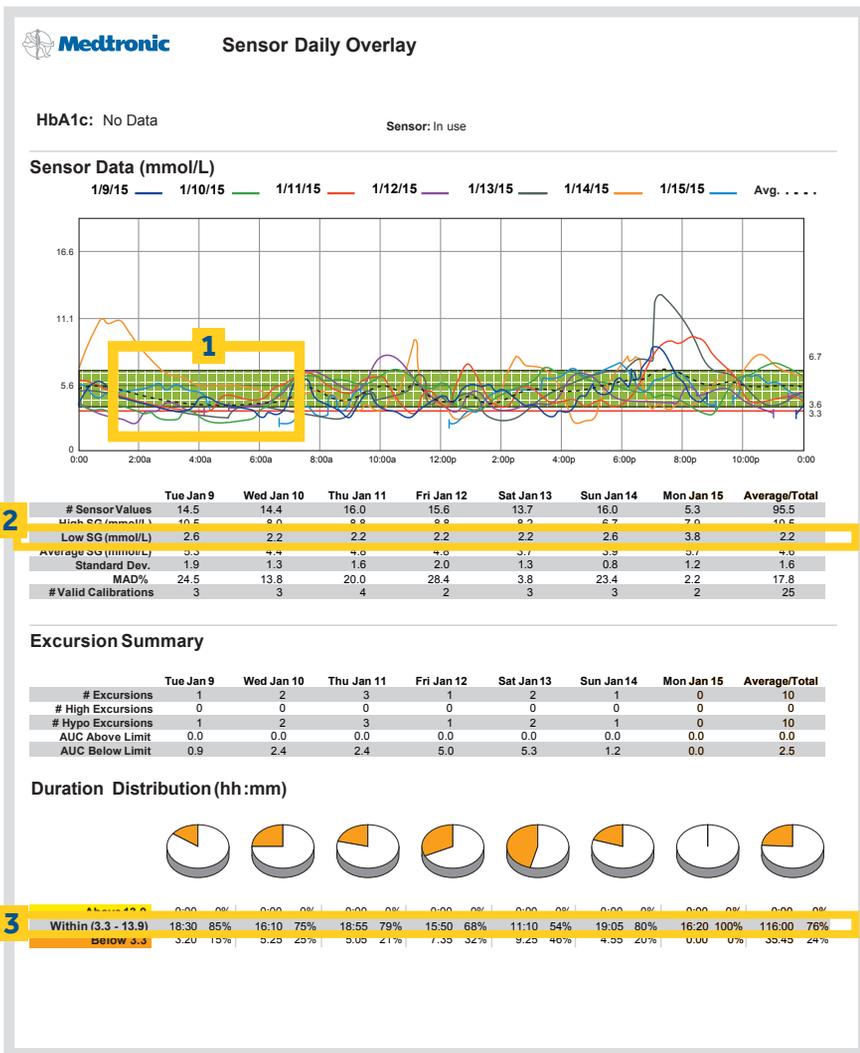
In this section, you will see a number of examples of CareLink® reports with sample information. These reports may identify a need for possible adjustments, such as:

- Preventing Nocturnal Hypoglycaemia
- Improving Insulin Dosing
- Fine-Tuning Alarm and Alert Settings

The following reports show examples that are intended to help clarify the types of trends and patterns you may see in your own reports. Use this information as a reference when reviewing your reports and looking for possible trends or patterns.

4.2 PREVENTING NOCTURNAL HYPOGLYCAEMIA

Low glucose levels at night are a common issue for many people living with diabetes.



- 1** A clear trend of nocturnal hypoglycaemia, trending down throughout the night, as shown by the average SG line.
- 2** Low SG shows SG levels as low as 2.2 mmol/L during the night.
- 3** Shows the duration and percentage of time spent below 3.3 mmol/L.

If you see a trend of low glucose levels at night in your CareLink® reports, discuss this with your healthcare professional, as you may need an insulin dose adjustment.

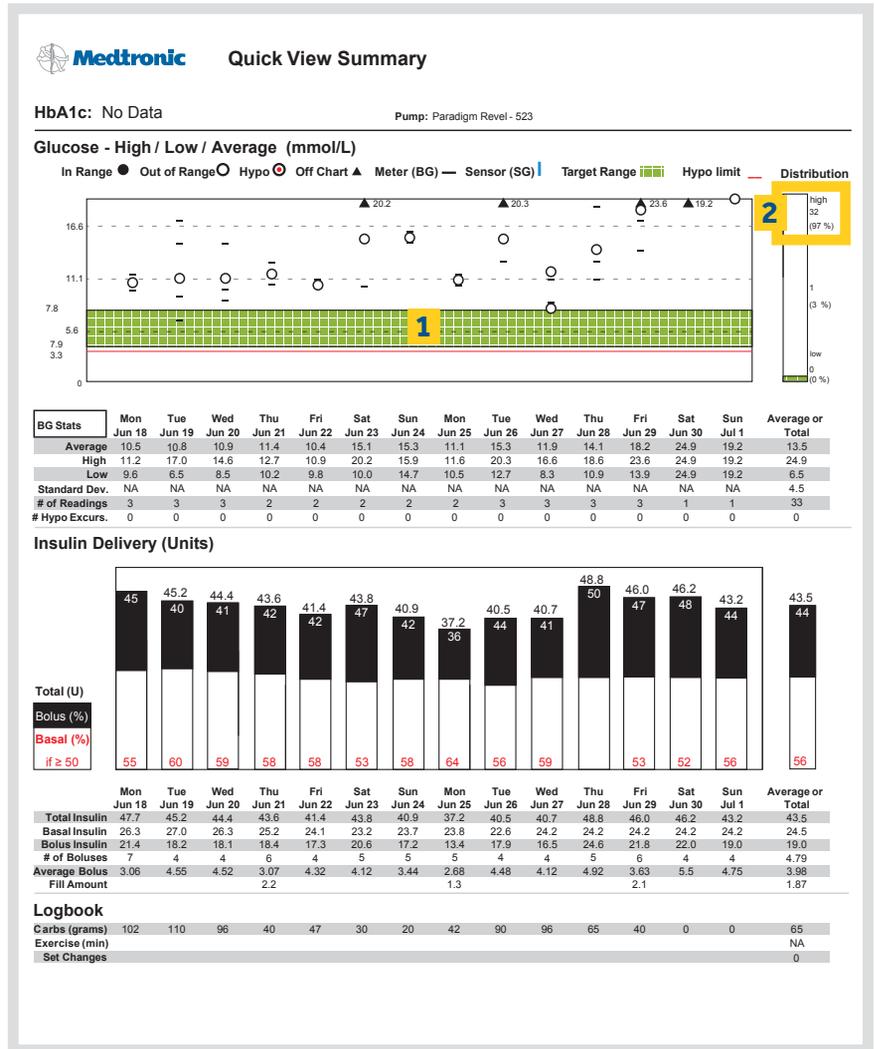
SECTION 4 THERAPY ADJUSTMENT IMPROVING INSULIN DOSING IMPROVING INSULIN DOSING – CGM

- 1** Very little time spent within the target glucose range.
- 2** Significant percentage of time spent above the high glucose target.

If your CareLink® reports show a trend of glucose levels outside of your target glucose range, discuss this with your healthcare professional, as you may need an adjustment of your insulin doses.

4.3 IMPROVING INSULIN DOSING

As you adjust to insulin pump therapy and improve your control, you may notice trends associated with too much or not enough insulin.

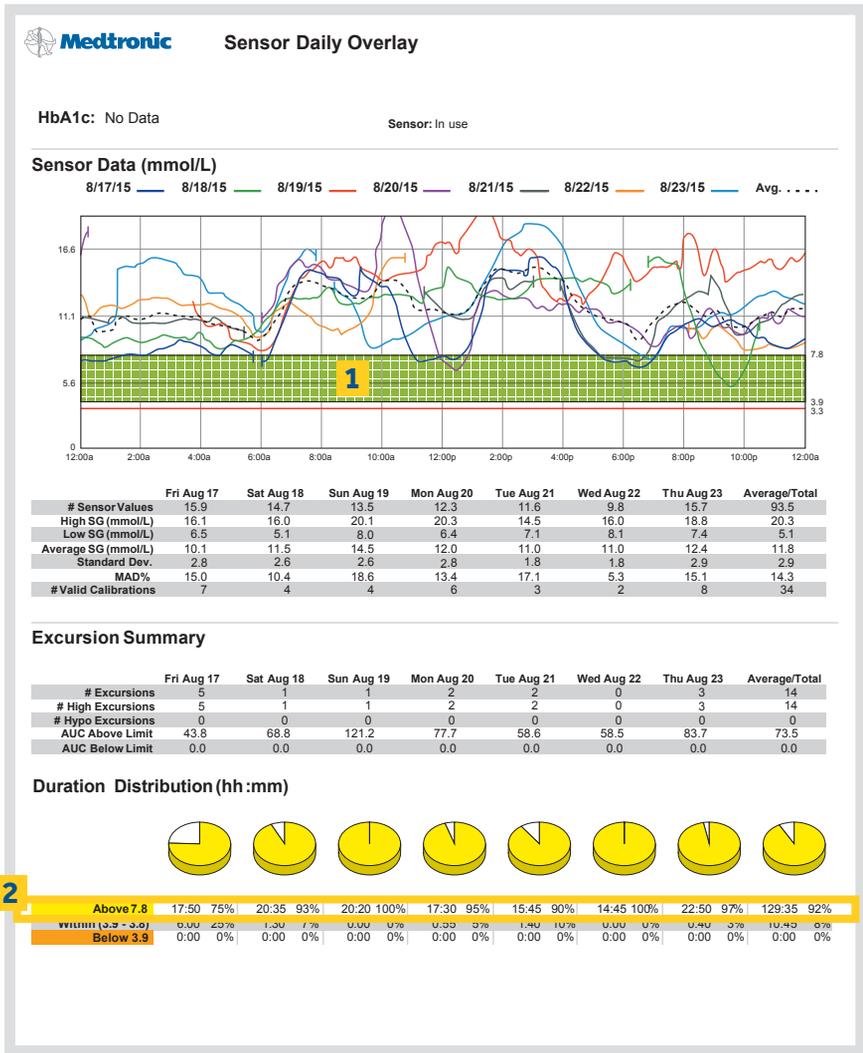


4.4 IMPROVING INSULIN DOSING – CGM

As you adjust to CGM and improve your control, you may notice trends associated with too much or not enough insulin.

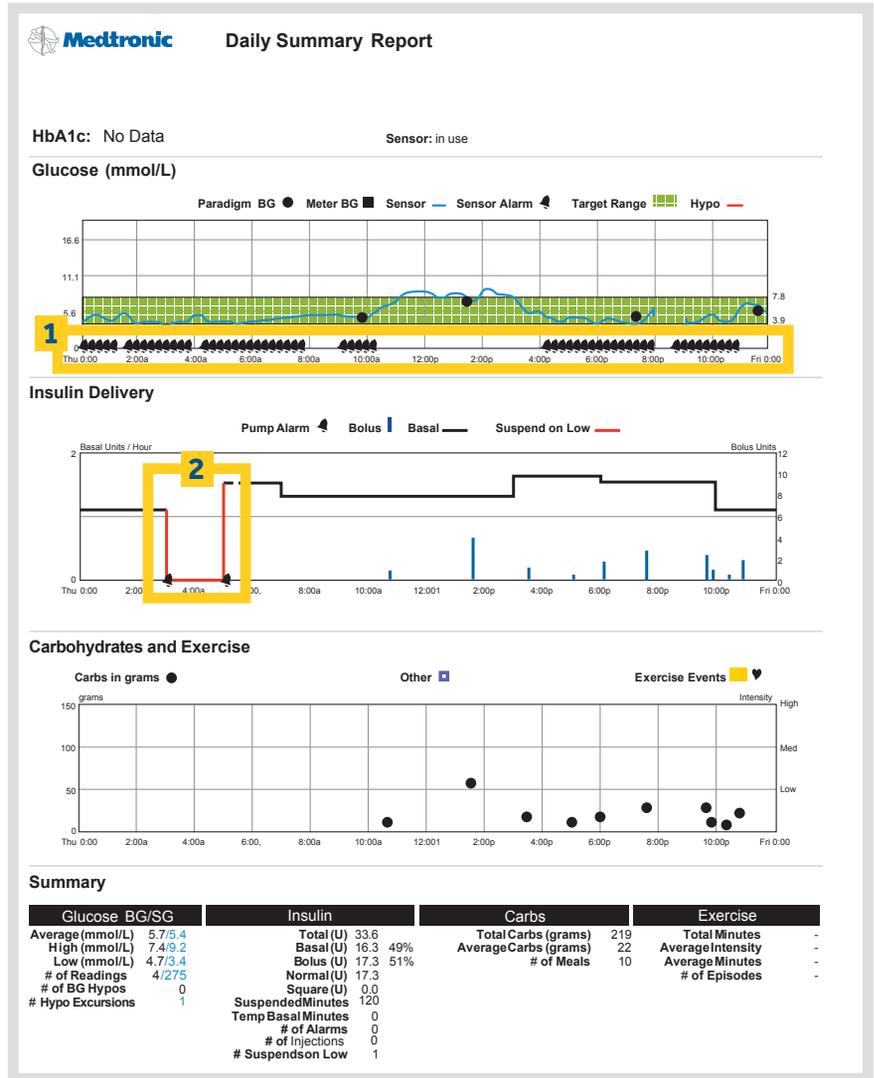
- 1** Very little time spent within the target glucose range.
- 2** Significant percentage of time spent above the high glucose target.

If your CareLink® reports show a trend of glucose levels outside of your target glucose range, discuss this with your healthcare professional, as you may need an adjustment of your insulin doses.



4.5 FINE-TUNING ALARM AND ALERT SETTINGS

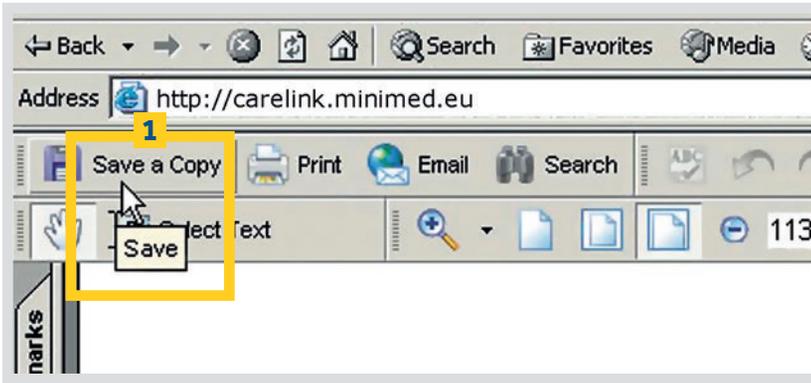
Too many alarms and alerts are a common concern when using CGM. CareLink® helps to show when a change should be made to your alarm or alert settings.



- 1** Sensor alarms and alerts throughout the day. Excessive alarms and alerts can cause difficulty and frustration with the system. If you see a similar pattern in your reports, consider modifying your alert or snooze settings.
- 2** Pump alarms – If you have a Suspend by Sensor or Low Glucose Suspend enabled pump and notice a pattern of Suspend events occurring in your reports, discuss this with your healthcare professional.

Alarms and alerts should serve as a helpful reminder and should not be a nuisance.

5.1 SAVING, PRINTING AND EMAILING REPORTS



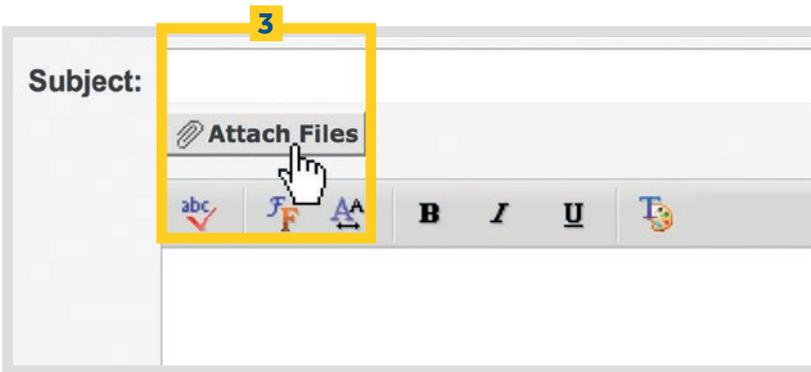
1 Saving Reports -

To save your report, click Save a Copy on the Adobe® Acrobat® toolbar, as shown. Type a name for the report in the file name field and click Save.



2 Printing Reports -

Once the report you generated is displayed, click Print on the Adobe® Acrobat® toolbar to open the print dialog box and print the report.



3 Emailing Reports -

To email a report to your healthcare professional, Microsoft® Outlook® users can simply click Email on the Adobe Acrobat toolbar. An email form will automatically open with the report already attached. Simply type in your healthcare professional's email address and click Send.

If you have a different email program, be sure your report is saved where you can easily find it. Start a new email message to your healthcare professional and use the Attach function to embed the report in the message.

Be sure to get your healthcare professional's permission before emailing reports to them. Also, be aware that email may not be a secure form of communication. Your medical information contained within an emailed report is no longer protected under the security of the CareLink® Personal Software system.



CARELINK® PRO

Medtronic Diabetes also offers a professional version of the CareLink® software, CareLink® Pro. It allows your healthcare professional to view your CareLink® information so you don't have to email or print your reports.

Ask your healthcare professional if they have this software and are able to use it to access your CareLink® reports.

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