CSV data

When you export report data from the CareLink Pro software, it is exported into a .csv file. This file can then be imported into a spreadsheet application, such as Microsoft Excel. See the CSV file column definitions for a complete listing of the data that can be contained in a CSV file.

The CSV file contains the name and Patient ID for the patient, the reporting period, and identifies each device included in the report.

Column data definitions

Column heading	Definition
Index	The order in which data was recorded in the device.
Date	The date data was recorded in the device.
Time	The time data was recorded in the device.
New Device Time	The new date and time if this was changed in the device.
BG Reading (mg/dL or mmol/L)	The blood glucose reading recorded by the meter, Guardian or pump. If the data is from a pump or Guardian, this column reflects manual BGs and BGs received from a Link meter.
Linked BG Meter ID	The serial number for the meter that sent a particular blood glucose reading to the device.
Basal Rate (U/h)	The active basal insulin delivery rate in units per hour.
Temp Basal Amount	If a temp basal was applied on the pump, this value is the temp basal amount.
Temp Basal Type	The type of temporary basal adjustment (insulin rate or percent of basal).
Temp Basal Duration (m)	The length of time in minutes for the temporary basal insulin delivery (see type above).
Bolus Type	The bolus insulin delivery type [Normal, Square, Dual (normal part), or Dual (square part)].
Bolus Volume Selected (U)	The number of units of insulin selected to be delivered during the bolus insulin delivery.

Column heading	Definition
Bolus Volume Delivered (U)	The number of insulin units actually delivered during the bolus insulin delivery.
Programmed Bolus Duration (h)	Duration of a square bolus or the square portion of a dual wave bolus.
Prime Type	Manual or fixed. Manual is used just after a rewind, to fill the infusion set tubing with insulin before inserting it. Fixed is used after infusion set insertion to fill the soft cannula with insulin after removing the introducer needle.
Prime Volume Delivered (U)	The number of units of insulin actually delivered for the prime
Alarm	The name of the alarm that occurred.
Suspend	Identifies the suspended state of the pump.
Rewind	Date and time the device was rewound.
BWZ Estimate (U)	The bolus insulin estimate calculated by the Bolus Wizard feature on the Paradigm pump.
BWZ Target High BG (mg/dL or mmol/L)	The setting for the high end of the blood glucose target range, used by the Bolus Wizard feature.
BWZ Target Low BG (mg/dL or mmol/L)	The setting for the low end of the the blood glucose target range, used by the Bolus Wizard feature.
BWZ Carb Ratio	The setting for insulin-to-carbohydrate ratio. If grams are used as the units, the ratio is the number of grams covered by one unit of insulin. If exchanges are used for units, the ratio is the number of insulin units used to cover one exchange.
BWZ Insulin Sensitivity	The setting for insulin sensitivity. Insulin sensitivity is the amount the blood glucose level is reduced by one unit of insulin. This is used by the Bolus Wizard feature.
BWZ Carb Input	Amount of carbohydrates entered into the Bolus Wizard and used to estimate a bolus.
BWZ BG Input (mg/dL or mmol/L)	Blood glucose reading when entered into the Bolus Wizard and used to estimate a bolus.
BWZ Correction Estimate (U)	Units of bolus insulin to give for blood glucose level correction, as calculated by the Bolus Wizard feature.
BWZ Food Estimate (U)	The estimated units of bolus insulin to give to cover the expected amount of carbohydrate consumption, as calculated through the Bolus Wizard feature.
BWZ Active Insulin (U)	The amount of active insulin calculated to be left in the body from prior bolus insulin deliveries when determining the estimated bolus amount through the Bolus Wizard feature.
Sensor Calibration BG (mg/dL or mmol/L)	The BG value used for calibrating the sensor in mg/dL or mmol/L).
Sensor Glucose (mg/dL or mmol/L)	The sensor glucose value.
ISIG value	Input signals (ISIG), being read from the sensor, measured in nanoamperes (nA).

More about CSV files exported by CareLink Pro

The title at the top of CSV file includes the following:

- patient's name

- a list of selected devices and their serial numbers

- selected date range

Each block of columns has a title that includes the following:

- name of the device to which the block of data applies

- serial number of that device

If data is not displaying as expected

There are a number of different factors that can cause the CSV data to display differently than expected.

- Date or time changes on the device can change the sequence or cause records outside the selected date range to be shown.

- If there is a large gap between device reads, data for that device may be displayed in multiple blocks.