[0054] As used herein, "in communication" includes physical and wireless connections that are indirect through one or more additional components (or over a network) or directly between the two components described as being in communication.

[0055] The corresponding structures, materials, acts, and equivalents of all means plus function elements in the claims below are intended to include any structure, or material, for performing the function in combination with other claimed elements as specifically claimed. The description of the present invention has been presented for purposes of illustration and description, but is not intended to be exhaustive or limited to the invention in the form disclosed. Many modifications and variations will be apparent to those of ordinary skill in the art without departing from the scope and spirit of the invention. The embodiments were chosen and described in order to best explain the principles of the invention and the practical application, and to enable others of ordinary skill in the art to understand the invention for various embodiments with various modifications as are suited to the particular use contemplated.

[0056] As used above "substantially," "generally," and other words of degree are relative modifiers intended to indicate permissible variation from the characteristic so modified. It is not intended to be limited to the absolute value or characteristic which it modifies but rather possessing more of the physical or functional characteristic than its opposite, and preferably, approaching or approximating such a physical or functional characteristic.

[0057] Those skilled in the art will appreciate that various adaptations and modifications of the example and alternative embodiments described above can be configured without departing from the scope and spirit of the invention. Therefore, it is to be understood that, within the scope of the appended claims, the invention may be practiced other than as specifically described herein.

What is claimed is:

1. A method for communicating diabetes information to a diabetes care provider, comprising:
- wirelessly transmitting diabetes readings from at least one diabetes device via a patient's smart device to a secure server;
- notifying a diabetes care giver of the transmitted diabetes readings;
- displaying the transmitted diabetes readings on a smart device of the diabetes care provider; and
- providing messaging between the patient and the diabetes care provider on the patient's smart device and the diabetes care provider's smart device.

2. A method according to claim **1**, further comprising displaying the transmitted diabetes readings on the smart device of the patient.

3. A method according to claim **1**, wherein the at least one diabetes device is selected from the group consisting of a glucometer, insulin pump, continuous glucose monitoring system, implantable monitoring device, wristwatch device, wearable monitor, and combinations thereof.

4. A method according to claim **1**, wherein the at least one diabetes device comprises an implantable monitoring device or wearable monitor.

5. A method according to claim **1**, wherein the at least one diabetes device comprises a wrist, arm, or eyewear device.

6. A method according to claim **1**, wherein the at least one diabetes device comprises a plurality of diabetes devices.

7. A method according to claim **1**, wherein the smart device comprises a smart phone or tablet computer.

8. A method according to claim **1**, wherein the diabetes readings comprises at least one of sugar readings, insulin pump settings, insulin treatment doses, continuous glucose monitoring system readings, or insulin treatment data.

9. A method according to claim **1**, further comprising automatically sending a message to the patient's smart device if the transmitted diabetes readings are above a predetermined threshold.

10. A method according to claim **1**, further comprising sending the patient educational information to the patient's smart device based on the transmitted diabetes readings.

11. A method according to claim **1**, comprising conducting two-way messaging in real-time between the patient and the diabetes care giver regarding the transmitted diabetes readings.

12. A method according to claim **11**, further comprising:
- aggregating the transmitted diabetes readings and messages between the patient and the diabetes care giver; and
- creating a new note in the patient's electronic record comprising the aggregated diabetes readings and messages.

13. A method according to claim **12**, wherein the note comprises a patient request for renewal of medicine.

14. A method according to claim **1**, further comprising displaying the transmitted diabetes readings of a plurality of patients on a smart device of the diabetes care giver.

15. A method according to claim **1**, further comprising displaying the transmitted diabetes readings of a plurality of diabetes devices on a smart device of the diabetes care giver.

16. A method according to claim **1**, wherein the secure server comprises a Health Insurance Portability and Accountability Act compliant, secure server.

17. A method according to claim **1**, comprising polling the at least one diabetes device for new diabetes readings at a predetermined time without patient interaction.

18. A method according to claim **1**, further comprising posting the transmitted diabetes readings to a secure website accessible by a plurality of computers over a network.

19. A method according to claim **1**, further comprising generating billing codes on the diabetes care provider's smart device based on analysis of the transmitted diabetes readings.

20. A computer implemented method for communicating diabetes information to a diabetes care provider, comprising:
- wirelessly receiving diabetes readings transmitted from at least one diabetes device via a patient's smart device;
- storing the transmitted diabetes readings on a secure server, said server being connected to a plurality of computers via a network; and
- aggregating the transmitted diabetes readings and messages between the patient and the diabetes care giver.

21. A computer program product for communicating diabetes information to a care provider, comprising:
- a non-transitory computer readable storage medium;
- first program instructions to wirelessly receive transmit diabetes readings from at least one diabetes device via a patient's smart device to a secure server;
- second program instructions to notify a diabetes care giver of the transmitted diabetes readings;
- third program instructions to display the transmitted diabetes readings on a smart device of the diabetes care provider; and