CLAIMS

1. A smart card for enhancing security of a new electronic transaction comprising:

a first storage device configured to store one or more previous transactions involving the smart card;

a physical processor coupled to the first storage device and configured to execute a program configured to:

receive a request for an authentication of the smart card in connection with a new electronic transaction involving the smart card,

access, from a first storage device, a first record of one or more previous transactions involving the smart card,

retrieve, from a second storage device coupled to a computing device located external to the smart card over a data communication network that includes a wide area data network, a second record of one or more previous transactions involving the smart card,

compare a first subset of one or more previous electronic transactions in the first record that satisfy one or more predetermined criteria with a second subset of one or more previous electronic transactions in the second record that satisfy the one or more predetermined criteria, and

authorize the new electronic transaction if there is a match between the first subset and the second subset; and

a memory coupled to the physical processor and configured to store the program.

2. The smart card of claim 1, further comprising a biometric authentication module configured to perform a biometric authentication procedure, wherein the physical processor is configured authorize the new electronic transaction if the first record and the second record are reconcilable and the biometric authentication procedure is successful.

3. A method of enhancing security of an electronic transaction, the method performed by a smart card that includes a physical processor, the method comprising:

(a) receiving, by the physical processor of the smart card, a request for an authentication of the smart card in connection with a new electronic transaction involving the smart card;

(b) accessing, by the physical processor of the smart card, a first record of one or more previous electronic transactions involving the smart card from a first storage device coupled to the physical processor;

(c) retrieving, by the physical processor of the smart card over a data communication network that includes a web area data communication network, a second record of one or more previous electronic transactions involving the smart card from a second storage device coupled to a computing device located external to the smart card; and

(d) determining whether the first record and the second record are reconcilable by comparing, by the physical processor of the smart card, a first subset of one or more previous electronic transactions in the first record that satisfy one or more predetermined criteria with a second subset of one or more previous electronic transactions in the second record that satisfy the one or more predetermined criteria.

4. The method of claim 3 further comprising authorizing the new electronic transaction if the first record and the second record are reconcilable.

5. The method of claim 4, wherein the step of authorizing comprises sending an indication that the first record and the second record are reconcilable to an external device that sent the request.

6. The method of claim 3 further comprising disabling the smart card if the first record and the second record are not reconcilable.

7. The method of claim 3 further comprising: performing a biometric authentication, and authorizing the new electronic transaction if the first record and the second record are reconcilable and the biometric authentication is successful.

8. The method of claim 3, further comprising determining whether there is at least a predetermined number of matches between the first subset and the second subset.

9. The method of claim 3, wherein the one or more predetermined criteria comprise a minimum amount of transaction.

10. The method of claim 3, wherein the first storage device is located at the smart card, and the second storage device is located at a transaction processing system.