Claims:

1. A system for performing a secure blockchain transaction, the system comprising:

   a terminal for generating the blockchain transaction, the terminal configured to operate in a first mode and a second mode; and

   a switch connector for preventing the terminal from operating in the first mode and the second mode simultaneously;

   wherein, when the terminal is in the first mode, the terminal is connected via a network to a system provider server, the system provider server in communication with at least one blockchain device;

   wherein, when the terminal is in the second mode, the terminal is in communication with a cold storage device;

   wherein the cold storage device is configured to store a private key for signing the blockchain transaction; and

   wherein the terminal is configured to allow the blockchain transaction to be signed on the cold storage device using the private key.

2. The system of claim 1, wherein the switch connector comprises a hardware switch.

3. The system of claim 1, wherein the switch connector comprises a software switch.

4. The system of claim 1, wherein the blockchain transaction is signed by at least two parties prior to sending the signed blockchain transaction to the at least one blockchain device.

5. The system of claim 4, wherein the at least one other party includes a system provider.

6. The system of claim 1, wherein the system provider server is in communication with at least one service provider device.

7. A terminal for performing a secure blockchain transaction, the terminal comprising:

a processor for generating an unsigned blockchain transaction;

a cold storage communication port for transmitting the unsigned blockchain transaction to a cold storage device, wherein the cold storage device stores a private key for signing the unsigned blockchain transaction, and wherein the terminal receives a signed blockchain transaction from the cold storage device;

a network communication port for transmitting the signed blockchain transaction to a system provider server over a network, wherein the system provider server is in communication with at least one blockchain device; and

a switch connector for selectively disabling either the cold storage communication port or the network communication port such that the private key is not exposed to the network.

8. The terminal of claim 7, wherein the switch connector comprises a hardware switch.

9. The terminal of claim 7, wherein the switch connector comprises a software switch.

10. The terminal of claim 7 further configured to restrict inbound and outbound communication with the system provider server.

11. A cold storage device for performing a secure blockchain transaction of a digital asset over a network, the cold storage device comprising:

a memory storing a private key of at least one cold storage wallet, the private key for signing an unsigned blockchain transaction;

a communication interface for receiving an unsigned blockchain transaction from a terminal, the terminal disconnected from the network; and wherein the communication interface transmits a signed blockchain transaction to the terminal, the terminal disconnected from the network; and

a connection to a processor configured to sign the unsigned blockchain transaction using the private key.

12. The device of claim 11, wherein the communication interface uses at least one communication mechanism selected from the group consisting of encrypted Bluetooth, near-field communication, Wi-Fi, optical communication, wired communication, and thermal emission.

13. The device of claim 11, wherein the processor is further configured to generate a key pair of the at least one cold storage wallet.

14. The device of claim 13, wherein the at least one cold storage wallet is a hierarchical deterministic wallet.

15. The device of claim 11, wherein the at least one cold storage wallet is a multi-signature wallet.

16. The device of claim 15, wherein the multi-signature wallet requires a signature from at least two parties.

17. A method of performing a secure blockchain transaction over a communication network, the method comprising:

generating an unsigned blockchain transaction using a terminal, the terminal having an online mode and an offline mode;

transmitting, in the offline mode, the unsigned blockchain transaction from the terminal to a cold storage device, the cold storage device storing a private key for signing the unsigned blockchain transaction;

signing the unsigned blockchain transaction on the cold storage device using the private key;

transmitting the signed blockchain transaction from the cold storage device to the terminal;

switching the terminal from the offline mode to the online mode; and

transmitting the signed blockchain transaction from the terminal to a system provider server via the communication network while in the online mode, the system provider server in communication with a plurality of blockchain computers.

18. The method of claim 17, further comprising signing the transmitted signed transaction with a second private key according to a multi-signature authentication process.

19. The method of claim 18, wherein signing the transmitted signed transaction is performed on the system provider server.

20. The method of claim 17, wherein the switching is performed using a switch connector.

21. The method of claim 20, wherein the switch connector is a hardware switch connector.

22. The method of clam 20, wherein the switch connector is a software switch connector.