CLAIMS

1. A method for software activation and license tracking, comprising:

(a) obtaining an acquisition confirmation associated with an acquisition of the software, and providing the acquisition confirmation to a server associated with software activation and licensing;

(b) requesting a license for a client to be authorized to use the software, wherein the license is uniquely generated for each machine and is secured with a private key by a server, and the private key is not stored at the client;

(c) issuing and providing the license to a client;

(d) verifying the license at the client;

(e) storing the license at the client;

(f) on a periodic basis, tracking an activation state of the license; and

(g) performing an action on the license at the client, based on the activation state of the license, wherein the verifying the license at the client comprises validating, at the client associated with an application, the license received from the server without any modifications, and saving the license to the client.

2. The method of claim 1, wherein the acquisition confirmation comprises at least one of an activation key and a record in a database associated with the server, and further wherein the server provides a user with an instruction to exchange the acquisition confirmation for the software license.

3. The method of claim 1, wherein the acquisition confirmation is obtained by one of direct sales, sales via a third-party reseller, and distribution via online or box version on a physical media.

4. The method of claim 1, wherein the acquisition confirmation is generated by at least one of (a) a uniform resource locator (URL) associated with the server that generates the acquisition conformation; (b) a bulk generation of a plurality of acquisition confirmations; and (c) a single generation of the acquisition confirmation.

5. The method of claim 4, wherein the acquisition confirmation generated by the URL comprises,

providing a user with webpage access for obtaining the acquisition confirmation, receiving required information associated with the user;

for a purchase of the application being successful, providing the required information of the user to the server, wherein order information of the application is saved at the server, and the acquisition confirmation is generated by the server, and providing the acquisition information to the user; and

for a purchase of the application not being successful, providing the user with an indication that the purchase of the application was not successful.

6. The method of claim 1, wherein the acquisition confirmation is provided to a user without encryption.

7. The method of claim 1, further comprising creating a record in the server associated with the generation of the acquisition confirmation by one or more of providing a unique pair of login and password information, establishing a secure connection with the server protected with a security key, and establishing a connection with the server and sending a parameter that identifies a user, wherein after the user provides an identification, storing the information about the acquisition of the application in the server.

8. The method of claim 1, wherein the (c) and the (d) comprise:

Receiving the acquisition confirmation from a user;

The client generating and providing the license request to the server;

The server determining if activation is permitted for the acquisition confirmation; and

For the activation being permitted, the server issuing a license based on an identification information of the user, and providing a file of the license to the user.

9. The method of claim 1, wherein the acquisition confirmation comprises one or more activation keys generated using a pattern having a specified suffix that is recognized by installation of the application, and will trigger appearance of a form for a user to provide information to the server, wherein a vendor of the application can determine the pattern based on its own pattern.

10. The method of claim 1, wherein the license is generated including parameters associated with at least one of a bundle ID of the application, one or more identifiers of the client, and a randomly generated string.

11. The method of claim 1, the verifying further comprising performing a verification of the license generated on the server, wherein the license is signed with the private key that is unique and secure to generate a digital signature, and the digital signature is further verified by a public key of the software at the client, the software comprising a vendor application.

12. A non-transitory computer-readable medium configured to perform operations for software activation and license tracking, the operations comprising:

(a) obtaining an acquisition confirmation associated with an acquisition of the software, and providing the acquisition confirmation to a server associated with software activation and licensing;

(b) requesting a license for a client to be authorized to use the software, wherein the license is uniquely generated for each machine;

(c) issuing and providing the license to a client, wherein the license is secured with a private key by a server, and the private key is not stored at the client;

(d) verifying the license at the client;

(e) storing the license at the client;

(f) on a periodic basis, tracking an activation state of the license; and

(g) performing an action on the license at the client, based on the activation state of the license, wherein the verifying the license at the client comprises validating, at the client associated with an application, the license received from the server without any modifications, and saving the license to the client.

13. The non-transitory computer readable medium of claim 12, wherein the acquisition confirmation is generated by a URL by, providing a user with webpage access for obtaining the acquisition confirmation, receiving required information associated with the user;

for a purchase of the application being successful, providing the required information of the user to the server, wherein order information of the application is saved at the server, and the acquisition confirmation is generated by the server, and providing the acquisition information to the user; and

for a purchase of the application not being successful, providing the user with an indication that the purchase of the application was not successful.

14. The non-transitory computer readable medium of claim 12, wherein the acquisition confirmation is provided to a user without encryption.

15. The non-transitory computer readable medium of claim 12, further comprising creating a record in the server associated with the generation of the acquisition confirmation by one or more of providing a unique pair of login and password information, establishing a secure connection with the server protected with a security key, and establishing a connection with the server and sending a parameter that identifies a user, wherein after the user provides an identification, storing the information about the acquisition of the application in the server.

16. The non-transitory computer readable medium of claim 12, wherein the (c) and the (d) comprise:

Receiving the acquisition confirmation from a user;

The client generating and providing the license request to the server;

The server determining if activation is permitted for the acquisition confirmation; and

For the activation being permitted, the server issuing a license based on an identification information of the user, and providing a file of the license to the user, and wherein the acquisition confirmation comprises one or more activation keys generated using a pattern having a specified suffix that is recognized by installation of the application, and will trigger appearance of a form for the user to provide information to the server, wherein a vendor of the application can determine the pattern based on its own pattern.

17. The non-transitory computer readable medium of claim 12, the verifying further comprising performing a verification of the license generated on the server, wherein the license is signed with the private key that is unique and secure to generate a digital signature, and the digital signature is further verified by a public key of the software at the client, the software comprising a vendor application.