CLAIMS

1. A method for facilitating sharing of digital documents between a sharing party and a relying party, the method comprising:

receiving, by a processing system from a relying party device, an access request for accessing at least one attribute of a digital document, the access request comprising a purpose for accessing the at least one attribute and initiated at a relying party interface in a document sharing application;

sending, by the processing system to a sharing party device, the access request via a sharing party interface in the document sharing application for an approval of providing access to the at least one attribute of the digital document by the sharing party to the relying party;

masking by the processing system upon receiving the approval from the sharing party interface of the sharing party device, attributes other than the at least one attribute of the digital document;

generating, by the processing system, a machine-readable encrypted code for the at least one attribute of the digital document; and

sending, by the processing system, the machine-readable encrypted code to the relying party interface of the replying party device.

2. The method of claim 1, wherein the access request further comprises a time period for which the at least one attribute of the digital document is requested by the relying party.

3. The method of claim 2, wherein sending the machine-readable encrypted code further comprises:

generating, by the processing system, the machine-readable encrypted code for the at least one attribute with validity of the time period; and

generating, by the processing system, a decryption key for decrypting the machine-readable encrypted code at the relying party interface.

4. The method of claim 1, wherein the machine-readable encrypted code is at least one of:

a QR code; and

a blockchain hash.

5. The method of claim 1, wherein sending the machine-readable encrypted code to the relying party interface further comprises facilitating, by the processing system, provision of control to allow viewing and endorsing the at least one attribute by the relying party upon retrieval of the at least one attribute by decrypting the machine-readable encrypted code by the relying party.

6. The method of claim 5, further comprising receiving, by the processing system from the relying party interface, an endorsement information in response to endorsing the at least one attribute of the digital document by the relying party.

7. The method of claim 6, wherein the endorsement information of the endorsement of the at least one attribute of the digital document comprises an endorsement message and an identity of the relying party who has endorsed the at least one attribute of the digital document.

8. The method of claim 7, further comprising facilitating sharing of the endorsement information for viewing by an additional relying party in response to receiving, by the processing system, an additional access request from the additional relying party.

9. The method of claim 7, wherein the endorsement information comprises a count of a number of times the at least one attribute is endorsed.

10. The method of claim 1, further comprising:

receiving, by the processing system, a view request for viewing the at least one attribute of the digital document, the view request initiated at the relying party interface in the document sharing application, the digital document stored in a memory of a sharing party device;

sending, by the processing system, the view request to the sharing party interface in the document sharing application for approval of providing access to viewing the digital document by the sharing party to the relying party; and

upon receiving the approval from the sharing party interface, sending, by the processing system, the digital document to the relying party interface.

11. The method of claim 10, wherein sending the digital document to the relying party interface further comprises facilitating provision of control to allow only viewing of the digital document by the relying party.

12. A server system for facilitating sharing of digital documents between a sharing party and a relying party, the server system comprising:

a memory comprising stored instructions; and

at least one processor, configured to execute the stored instructions to cause the server system to perform at least:

receiving an access request from a relying party device for accessing at least one attribute of a digital document, the access request comprising a purpose of accessing the at least one attribute and initiated at a relying party interface in a document sharing application;

sending the access request to a sharing party interface in a document sharing application running on a sharing party device for an approval of providing access to the at least one attribute of the digital document by the sharing party to the relying party;

masking upon receiving the approval from the sharing party interface of the sharing party device, attributes other than the at least one attribute of the digital document;

generating a machine-readable encrypted code for the at least one attribute of the digital document; and

sending the machine-readable encrypted code to the relying party interface of the replying party device.

13. The server system of claim 12, wherein the access request further comprises a time period for which the at least one attribute of the digital document will be accessed by the relying party.

14. The server system of claim 13, wherein sending the machine-readable encrypted code

to the relying party interface comprises the server system performing at least:

generating the machine-readable encrypted code for the at least one attribute with validity of the time period; and

generating a decryption key for decrypting the machine-readable encrypted code at the relying party interface.

15. The server system of claim 13, wherein the server system is further caused to facilitate deletion of the at least one attribute of the digital document after the expiry of the time period.

16. The server system of claim 12, wherein sending the machine-readable encrypted code to the relying party interface comprises the server system being caused to perform facilitating provision of control to allow viewing and endorsement of the at least one attribute solely by the relying party.

17. The server system of claim 16, wherein the server system is further caused to receive an endorsement information of the endorsement of the at least one attribute of the digital document by the relying party, the endorsement information comprising an endorsement message and an identity of the relying party who has endorsed the at least one attribute of the digital document.

18. The server system of claim 12, further caused to perform:

receiving a view request for viewing the digital document, the view request initiated at the relying party interface in the document sharing application, the digital document stored in a memory of a sharing party device;

sending the view request to the sharing party interface in the document sharing application for approval of providing access to viewing the digital document by the sharing party to the relying party; and

upon receiving the approval from the sharing party interface, sending the digital document to the relying party interface.

19. The server system of claim 18, wherein for sending the digital document to the relying party interface, the server system is caused to facilitate provision of control to the sharing party to allow viewing of the digital document solely by the relying party.