CLAIMS:

1. A screen watermark system comprising:

a server hosting a watermark agent code, and a graphic algorithm; and

a user communication device that is configured to access the server, wherein host proprietary information and the watermark agent code and the graphic algorithm are provided in the server to create a screen watermark in a cipher code pattern on a display screen of the user communication device;

wherein the cipher code pattern comprises a predetermined number of matrix cells or a pattern /arrangement formed by a line or lines.

2. The system according to claim 1, wherein the server is configured for access to a web or cloud system associated with a host having rights to the screen watermark system.

3. The system according to claim 1 or 2, wherein the screen watermark further comprises an encrypted cipher string, wherein the encrypted cipher string is insertable into the predetermined number of matrix cells.

4. The system according to any one of claims 1-3, wherein a user identity, a user device identity and a user device location are encrypted into the cipher code pattern.

5. The system according to any one of claims 1-4, wherein the pattern or arrangement formed by the line or lines has a predetermined orientation.

6. The system according to any one of the preceding claims, wherein the watermark agent code is operable to capture a display screen setting or a screen zoom parameter, so that the graphic algorithm is operable to position the screen watermark, one or two screen watermarks or more in an array, on the display screen according to a predetermined location, size, orientation or rotation, transparency, or contrast level with respect to a background of the display screen.

7. The system according to any one of the preceding claims, wherein, when a screen capture containing a screen watermark is discovered, the graphic algorithm is operable in reverse to retrieve the cipher code pattern and decodes the captured screen watermark to reveal an identity of the user, and an identity and location of the user communication device.

8. A data processing device comprising a watermark agent code and a graphic algorithm for generating a screen watermark, wherein the screen watermark comprises a cipher code pattern which is made up of a predetermined number of matrix cells or a pattern /arrangement formed by a line or lines

9. The data processing device according to claim 8, wherein the cipher code pattern is encrypted with a user identity, a user device identity and a user device location.

10. A computer readable storage media comprising a watermark agent code and a graphic algorithm for generating a screen watermark, wherein the screen watermark comprises a cipher code pattern which is made up of a predetermined number of matrix cells or a pattern /arrangement formed by a line or lines

11. The computer readable storage media according to claim 10, wherein the cipher code pattern is encrypted with a user identity, a user device identity and a user device location.

12. A method of creating a screen watermark comprising:

downloading a watermark agent code and a graphic algorithm into a user communication device; and

the watermark agent code extracting a user communication device identity, a user device location, a user identity and an associated screen display setting or zoom parameter, and creating a screen watermark comprising a cipher code pattern, which is made up of a predetermined number of matrix cells or a pattern /arrangement formed by a line or lines.

13. The method according to claim 12, wherein the watermark agent code further comprises encrypting the user communication device identity, the user device location, the user identity and an associated screen display setting or zoom parameter into the cipher code pattern.

14. The method according to claim 12 or 13, wherein creating the screen watermark further comprises inserting or merging a cipher string into the predetermined number of matrix cells.

15. The method according to any one of claims 12-14, further comprises executing the graphic algorithm to position the screen watermark according to the screen display setting or zoom parameter; and

reducing transparency and contrast of the screen watermark with respect to a background of the screen display, so that the screen watermark remains visible and without visually interfering with information presented on the screen display.

16. The method according to any one of claims 13-15, further comprises encrypting the cipher code pattern with an encryption algorithm.

17. The method according to claim 15 or 16, wherein an administrator accessing the watermark agent code at an administrative station to customise a position, size, layout, or orientation/rotation of the screen watermark in relation to the screen display setting or screen zoom parameter.

18. A method of deciphering the screen watermark recited in claims 12-17, comprises:

sending a captured screen containing a screen watermark to an administrative station of a rights owner;

operating the graphic algorithm to restore contrast of the screen watermark;

decoding the encryption algorithm to extract the cipher code pattern constituting the screen watermark to reveal a user identity, a user device identity and a user device location; and

determining whether the user identified has violated restricted permissions of the rights owner.