

Screen Watermark Creation and Decipher System and Process

Abstract

The present invention describes a screen watermark system (100), an associated watermark creation process (300) and a deciphering process (400). To create a screen watermark (130,130a), a watermark agent code (112) and a graphic algorithm (116) are downloaded to a user device (150,150a). The watermark agent code (112) captures a user identity, a user device identity and location, and encodes the user identity, the user device identity and location into a cipher string (xxxxxx) or into a cipher code pattern (135,135a). The graphic algorithm (116) captures a screen setting or zoom parameter of the user device and positions the screen watermark (130,130a) on the display screen (151); in addition, the graphic algorithm dynamically reduces transparency and contrast of the screen watermark against a background of the display screen (151), so that the screen watermark (130) remains visible. The reverse process (400) of deciphering the screen watermark is also described.

FIG. 1 for publication.