

## QR code Encryption layer for QR codes in plain-sight

to add a layer to the standard model of QR code engines for the random creation of QR codes to protect the QR code for authorized user application import

a signing key could be implemented as part of the QR pattern as layer of encryption and this same signing key used to generate the QR code could be imported into the application before any QR code is imported from the generating application to further protect QR codes from the misuse of most photographic equipment to protect and prevent the QR code from being imported to external applications outside of the user importing the QR code into said user's application

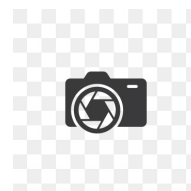
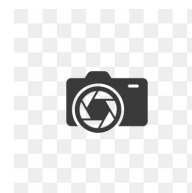
application authorized QR codes, using a signing key to generate the encryption layer as part of an extended pattern of the already existent QR code pattern generation nested in the QR code

used to protect sensitive or financial information encoded into a QR code

ONLY APPLICABLE TO QR CODES WITH PRIVATE OR SENSITIVE INFORMATION SUCH AS BITCOIN WALLET **IMPORTS** not **DEPOSITS** OR ANY OTHER QR CODE WITH SENSITIVE INFORMATION

any photographic capture device currently within focus can capture a view-able QR code and that QR code if it contains sensitive information is unprotected via 3<sup>rd</sup> party circumvention

standard QR codes are importable by almost any device with a viewing lens which can capture the QR code to import it via software.



A different security model would only allow software to import the QR code based on the QR code being generated with an extra embedded layer in the QR code based on key mechanisms private to the application generating the QR code and the keys for the application receiving the QR code for import

SAME QR CODE AS ABOVE WITH AN ADDITIONAL LAYER TO PROTECT IMPORT  
GENERATED BY THE APP which GENERATED THE QR CODE USING KEYS TO GENERATE  
THE LAYER IN THE CENTER OF THE QR CODE SHARED ONLY WITH THE RECIPIENT'S  
APPLICATION AS A SHARED KEY AS A OTP MODEL FOR DISPOSAL WITH THE QR CODE  
IMPORT ON THE RECIPIENT'S END

