



OMS Code

OMS Barcode / OMS Watermark / OMS Anti-Copy Mark / OMS Screen Barcode

Document Fraud Prevention

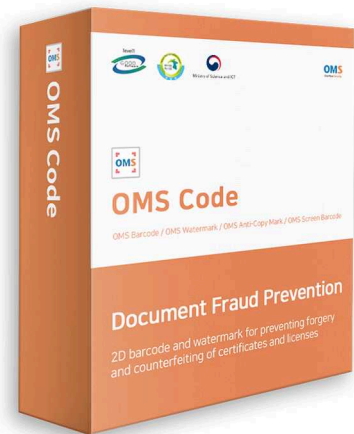
2D barcode and watermark for preventing forgery and counterfeiting of certificates and licenses



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Document Fraud Prevention

2D barcode and watermark for preventing forgery and counterfeiting of certificates and licenses



► Certifications



Certified 1st Grade of Good Software (GS) from the Korean Telecommunications Technology Association (TTA)



Designated as Innovative Procurement Product on Venture Nara



MSIT Minister's Awards Information Security Merit



MSIT Minister's Awards Excellent Company

□ Application Scenario

OMS Code can be applied to various domains such as certificate forgery verification, book voice conversion, activation, expiry date, inventory management, fintech, healthcare, copy protection, etc.



OMS Barcode
High-density 2D barcode



OMS Watermark
Embrocating watermark



OMS Anti-Copy Mark
Copy protection



OMS Screen Barcode
Low-density 2D barcode

□ Key Points

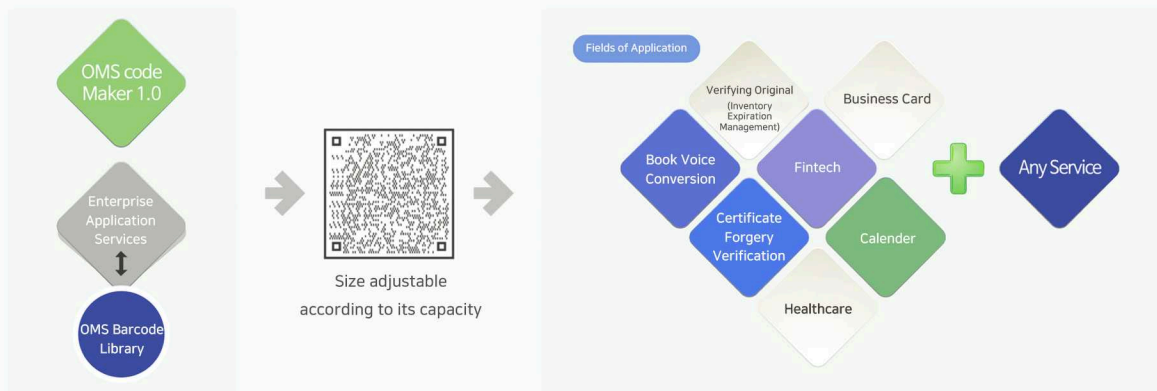
◇ OMS Barcode (High-density 2D barcode)

| High-density 2D barcode with the world's largest data insertion in 300dpi environment

- Information stored in high-density 2D barcodes can be printed out to screen and voice through mobile app
- Data encryption / decryption via KCMVP crypto module
- Optimized solution that can help the visually impaired and elderly people to improve accessibility of information (compliance with the Broadcasting and Communication Standards (KCS.KO-06.0181))

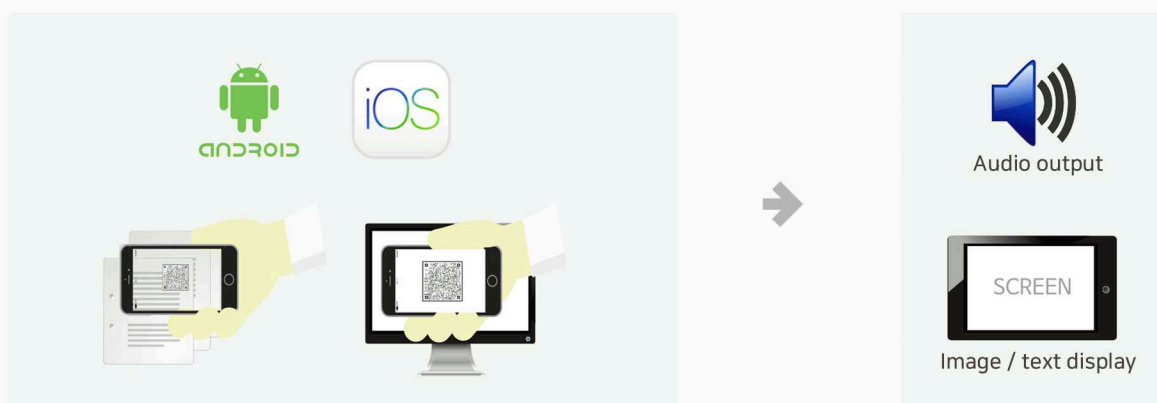
Generation

- Barcode generation using Windows PC-only applications (OMS Code Maker) or libraries



Detection

- Easy acquisition via mobile app (Android·iOS) (provided with OMS mobile app or library)
- Acquire OMS barcode displayed on printout and monitor screen



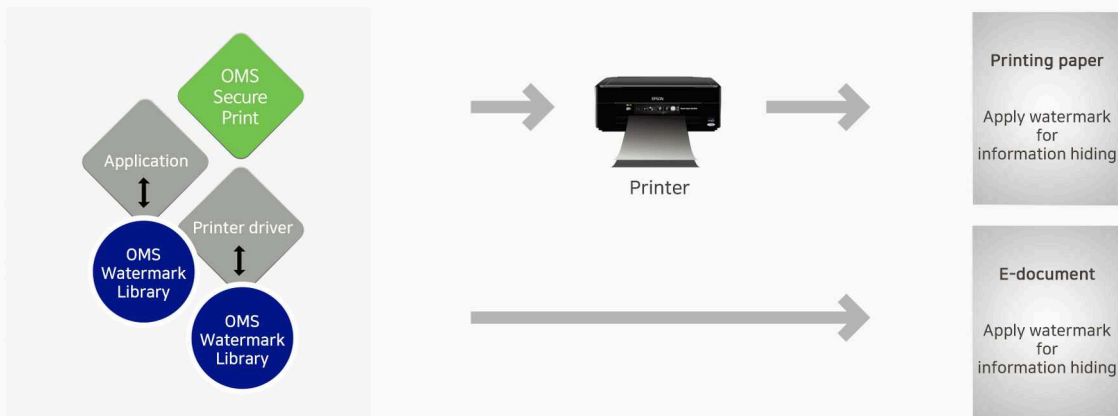
◇ OMS Watermark (Embrocating Watermark)

| Watermark for hiding information with invisibility (whole embroccating method)

- The mobile app allows you to acquire hidden informations in the watermark when shooting anywhere in the printout.
- Applicable to various services such as printout generator tracking, certificate forgery verification, activation, security paper export history management, etc.

Generation

- Apply watermark when printing through OMS print control solution or dedicated library



Detection

- Easy acquisition via mobile app (provide with OMS mobile app or library)
- Acquire OMS Watermark displayed on printout and monitor screen



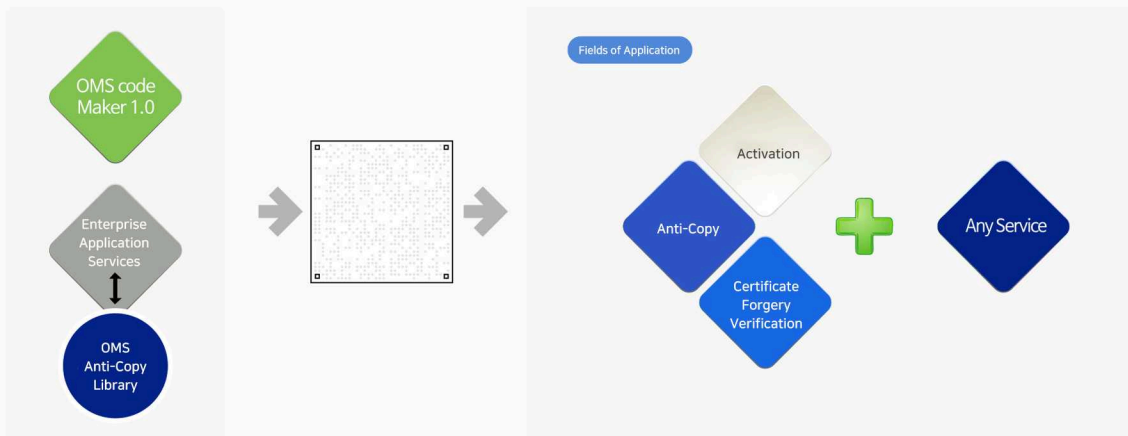
◇ OMS Anti-Copy Mark

| Determine whether to copy through the naked eye or mobile app

- Apply it to various services such as verifying the original, activation, certificate forgery verification, etc.

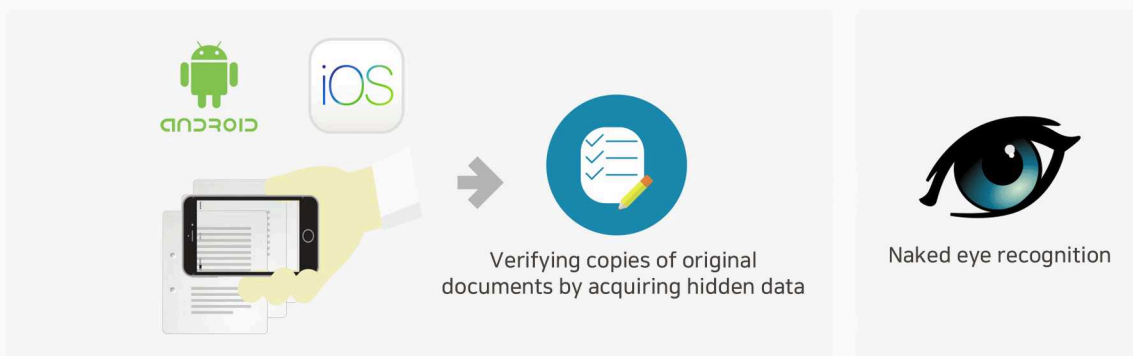
Generation

- Apply Anti-Copy Mark using OMS Code Maker



Detection

- Easy acquisition via the naked eye or mobile app
(provided with OMS mobile app or library)



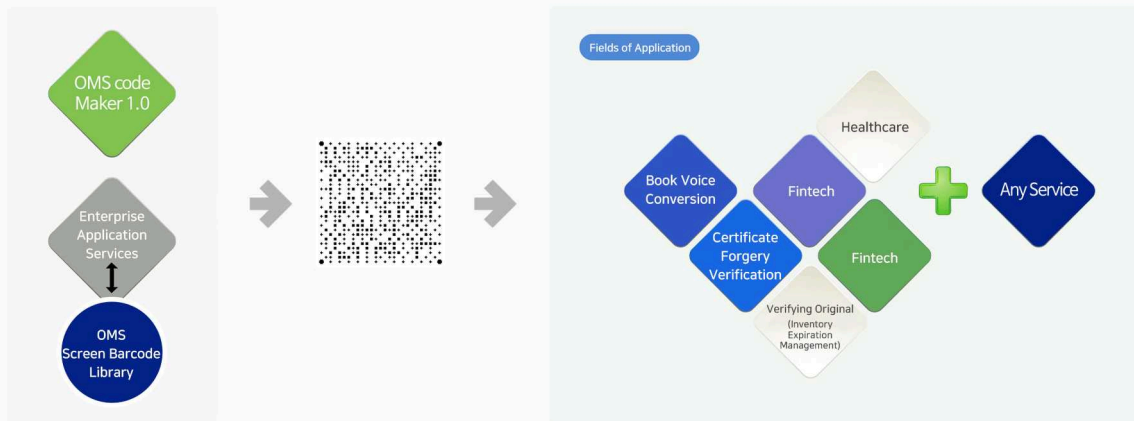
◇ OMS Screen Barcode (Low-Density 2d Barcode)

| Low-density 2D barcode optimized for screen environment

- Information stored in low-density 2D barcodes can be acquired through mobile app
- Applicable to various services such as user authentication, certificate forgery verification, book voice conversion, activation, expiry date, inventory management, fintech, healthcare, etc.

Generation

- Generate the barcode using Windows PC-only applications (OMS Code Maker) or libraries



Detection

- Easy acquisition via mobile app (Android·iOS) (provided with OMS mobile app or library)
- Acquire 'OMS Watermark' displayed on printout and monitor screen



We will keep create


customer-centric innovative technologies

with **passion** and **insight**.

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