

SKPF000233

## Secure QR code Ubiqod Key

WHY ARE CLASSIC QRS UNSAFE?

Printed QR codes are **easy to duplicate**. A simple photo, and users can use them from anywhere. You may be putting your organization at **risk** by using them.

UBIQOD KEY INNOVATION

Ubiqod Key secure QR codes **change** regularly.  
They therefore cannot be copied.



### PRODUCT DESCRIPTION

#### IN WHICH CASES IS THE SECURE QR CODE RECOMMENDED ?

In all types of professional use of the QR code, one can wonder about the expected level of security :

1. If you use the QR code to prove the passage of personnel or subcontractor, the secure QR code will prevent cheating.
2. If your QR code triggers an action (such as a removal or service request): If the QR code is not secure, malicious users can inject bogus requests into your system.
3. If you use QR code to place orders at the table, unscrupulous competitors could place bogus orders on you and waste your time and money.

## HOW DOES UBIQOD KEY SECURE YOUR OPERATIONS ?

### A secure QR code that changes regularly

Ubiquod Key displays a QR code that changes at regular intervals (default 10 minutes, can be customized for large volumes). Therefore, if a user makes a picture of the QR code and tries to reuse it later, it will be detected by our system. The invalidation time is approximately equal to 2 times the refresh frequency. In most cases, this value is sufficient to avoid cheating. It can be combined with other security systems of Ubiquod to identify fraud attempts.

### High level of security

Ubiquod Key is a patented technology which uses random increments encrypted in AES 128. Each time a code is scanned, the Skiplly server authenticates the request with a digital certificate.

### Wireless and not connected

Ubiquod Key does not require any connectivity. The technology uses the smartphone of users to transmit data. Battery lifetime is generally 12 months for a standard 10 minutes refresh interval, at 20°C and with quality batteries.

### CAN BE USED AS A PRINTED QR CODE

For users, the dynamic QR is used like a printed code : they can scan the code with their camera or a dedicated application. **No specific app is required.**

### INTEGRATED WITH ALL YOUR USUAL TOOLS

Ubiquod Key can be used in combination with all your usual computer tools. Thanks to our Ubiquod platform, you can use standard connectors, or create your own

connections thanks to our Webhook functions and our validation API.

The standard connectors are as follows:

- Microsoft Power Automate
  - Zapier
  - monday.com
  - Google Sheet
  - Flexio
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