

COMPACT CREDENTIALS VERIFIER SDK

Overview

The MATTR π Compact Credential Verifier SDK enables customers to take advantage of MATTR on-device verifier capabilities to build their own verification apps.

The SDK handles all the complexity of decoding encoded QR code payloads, unpacking complex technical structures like COSE and verifying the cryptographic signatures associated.

The SDK is also designed to handle offline use cases by default, caching core verification information for ahead-of-time 'trusted issuers'.

Functionality

Initialise a verifier – create a 'verifier' with a cache for trusted issuers, revocation lists and configurable verification rules (notBefore, Expiry, etc). **SDK**

Verify a credential – verify and decode a credential payload based on pre-defined rules and trusted issuer list. **SDK**

Refresh the cache – update cached information for most current view of revocation lists. **SDK**

Features

- Build your own compact credential verification solution into existing applications
- Validate credential authenticity
- Verify credentials offline with cached revocation lists and trusted issuer lists
- Use the same codebase for iOS and Android with React Native package
- Keep up to date with evolving standards with MATTR support

