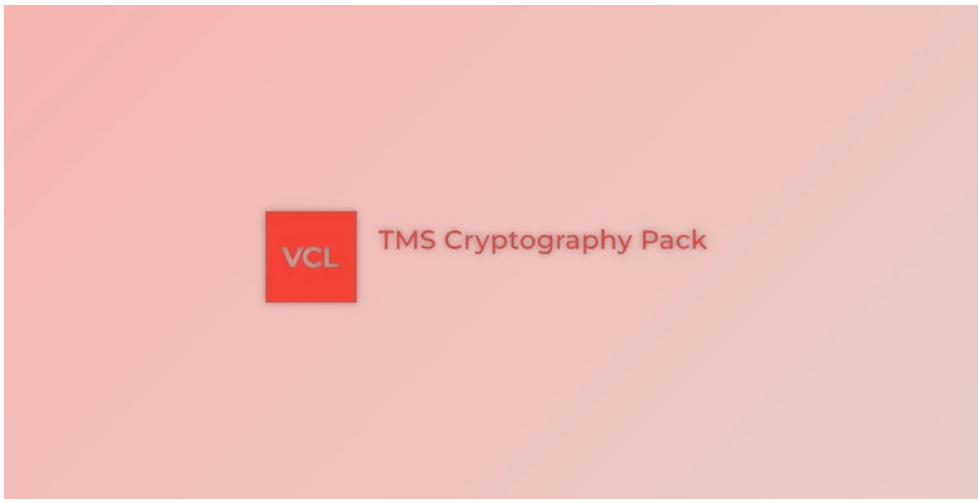
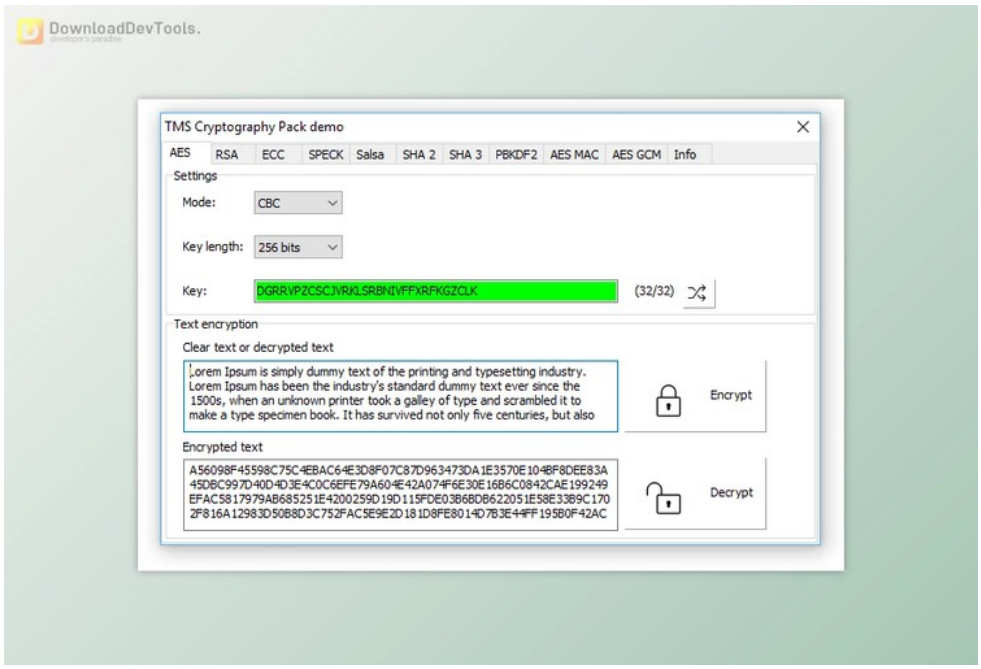
TMS Cryptography Pack v5.0.0 (14 Nov 2024) for Delphi XE2-12 Athens Full Source

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TMS Cryptography Pack is a comprehensive suite of cryptographic algorithms designed to provide developers with robust tools for securing sensitive data and files. With support for encryption, decryption, signing, verifying, hashing, and authentication, it covers a wide range of cryptographic operations essential for maintaining data integrity and confidentiality. includes algorithms such as AES, RSA, EdDSA, ECDSA, Salsa20, SHA-2, SHA-3, PBKDF2, Blake2, RIPEMD-160, and Argon2, adhering to industry standards like FIPS and PKCS.

In addition to cryptographic algorithms, the pack offers functionalities related to X.509 certificates, enabling developers to generate self-signed certificates, parse certificate fields, and generate/verify XAdES signatures. The provided class wrappers simplify integration, while included demos offer practical implementation examples. With the registered version granting access to full source code, developers benefit from transparency and customization options in their cryptographic implementations.

Compatible with VCL Windows 32/64 and FMX Windows 32/64, as well as OS X, iOS32, iOS64, and Android platforms, the **TMS Cryptography Pack** ensures cross-platform security for various applications. Whether securing communications, authenticating data, or protecting sensitive information, this pack offers a versatile and reliable solution for cryptographic operations in software development.

Key Features of **TMS Cryptography Pack** :

1. A comprehensive suite of cryptographic algorithms
2. Support for encryption, decryption, signing, verifying, hashing, and authentication
3. Algorithms include AES, RSA, EdDSA, ECDSA, Salsa20, SHA-2, SHA-3, PBKDF2, Blake2, RIPEMD-160, Argon2, and more
4. Adherence to industry standards such as FIPS and PKCS

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Components Delphi VCL

5. Functionalities related to X.509 certificates
6. Capabilities to generate self-signed certificates, parse certificate fields, and generate/verify XAdES signatures
7. Simplified integration with provided class wrappers
8. Included demos for practical implementation examples
9. Access to full source code with the registered version
10. Compatibility with VCL Windows 32/64, FMX Windows 32/64, OS X, iOS32, iOS64, and Android platforms

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