



# X-Machine

New philosophy – new product

A powerful presence in a realm of information security

**Complies with FIPS 140-2 Level 3 requirements**

Establishes secure channels of communication for the GSM, UMTS and CDMA (3G) digital mobile networks.

**X-Machine** is a self-sustainable portable unit with built-in multi-mode GSM/HSPA+/EV-DO modem, a Bluetooth 4.0 interface, Li-ion battery and an integrated microprocessor for complex cryptographic functions.



## Features:

- Secure data exchange for your audio communications
- Secure data exchange for your text messaging (SMS)
- Secure data exchange for your chat software
- File sharing protection
- E-mail security

## Crypto-scheme:

- X-Machine cryptographic scheme is developed in accordance with the FIPS 140 2 Security Level 3 requirements.
  - Each transmission is established using a unique communication key.
- Secure information exchange protocol is based on the HMQV security scheme – advanced Diffie-Hellman elliptic curves protocol with a built-in 256 bit authentication. Data encryption protocol is using a AES-256 crack-resistant cipher with the OFB extension – Mobile data exchange via Bluetooth is encrypted using a AES-256 crack-resistant cipher with the OFB extension

## Compatibility



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