



Todos C400

Todos C400 is an advanced end-user device which incorporates a number of features, developed to ensure both secure authentication and transactions.

In unconnected mode the device can generate One-Time Passwords (OTPs) and Challenge/Response codes, useful for portable authentication. It also supports unconnected **Sign-What-You-See**, which means the customer can verify all transaction data and sign the complete transaction using the device as a secure terminal.

In comparison to C200 the C400 model has a larger display which further improves Sign-What-You-See functionality, and is for the benefit of menu functions and soft keys.

In connected mode Todos C400 supports the Mastercard CAP standard for secure online payments, as well as PKI with Secure Pin Entry using the pin pad. The device also supports Sign-What-You-See in connected mode, directly linking it to the bank system via a secure connection.

Implementing Todos **Secure Domain Separation** concept, the device is equipped with four function keys. The use of function keys increases awareness of what the customer is doing, and is also a way for the customer to express act-of-will when performing a transaction.

Todos C400 also comes with **Dynamic Signatures**. By identifying the risk level of each transaction, and introducing a more complex signing procedure for high risk transactions, the bank can make the customer more conscious of the risk involved. This procedure guarantees secure payments much like the customer is used to when making payments at the bank office.

Benefits

- A comprehensive set of services to be used for different security purposes:
 - Authentication of the user
 - Confirmation of act-of-will
- Mitigates Man-in-the-Middle (MitM) attacks.
- Supports Secure Payment Transactions.
- No need for personalisation, resulting in easy distribution.
- Oversize display, for even more user friendly interaction with the device.

Features

- Generation of OTPs, Signatures and event based Challenge/Responses.
- EMV Level 1 compliant smartcard reader.
- CAP compliant.
- Extended support for ISO7816 cards, to support PKI operations.
- Firewall mechanism, protects the card from unauthorized access.
- Dynamic Signatures capability, increasing security when signing transactions.
- Separate function keys, enables Secure Domain Separation.
- SWYS 2.0 compatible - XML-Signatures for paperless society

Features cont.

- Powered by USB interface when connected to PC.
- Automatic device power-off after a scheduled timeout.

Technical specifications

- Dimensions: 102 x 64 x 14 mm
- Weight: 65 g
- 4 x 17 character LCD
- Built-in keyboard
- Tamper evident design
- USB Interface
- Replacable batteries: 2 x CR2032 (no mercury, no lead, no cadmium)

Compliance to standards

- Mastercard SecureCode CAP
- VISA dynamic passcode authentication
- OneSmart Web Reader
- EMV 96, 2000
- WHQL
- USB 2.0
- ISO 7816
- PC/SC 2.01 Secure Pin Entry



For further information about the Todos, the eCode system and our solutions, please contact us at info@todos.se.

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