M.O.S.T. Toolz™

Microprocessor Card Development Kits

Each edition of M.O.S.T. Toolz includes one of the four readers/scanners shown above.

M.O.S.T. Toolz™ is a development platform for multifunction and high security M.OS.T. Card® smart card systems. Available in contact, dual mode, and biometric editions, the kits feature user-friendly configuration and demonstration software for rapid system development, powerful middleware for advanced reader functions, and includes up to 17 microprocessor smart cards for system and card file setup. The M.O.S.T. Card Configuration Utility™ helps you build an on-card file system with direct calls to the M.O.S.T. Card. High level commands can be sent through the Winplex® API to the card reader. Fully documented C# (.NET), C++ (.NET), Java, and Visual Basic programming examples complete the kit. Programmers can create a smart card-based ID or transaction system that updates and secures files while setting a variety of defensive measures to protect user ID, card access, and file information. CardLogix gives you the power to deliver multiple products and services on a single card, allowing for fast system design and easy updating without the need for card re-issuance.

M.O.S.T. Toolz™ Development Kits Include

- M.O.S.T. Card Configuration Utility™
- Winplex® API and Middleware
- M.O.S.T. Card Demo Software (includes demo cards and programming examples)
- 12 M.O.S.T. Cards (+5 M.O.S.T. Cards with Biometric Series)
- Your choice of smart card reader and/or fingerprint scanner
- PC/SC Reader Configuration Utility
- M.O.S.T. Card Bad Select Counter Utility to reset "Bad Select" counter
- Support for Windows 7 and 8
- A variety of idblox® CFS templates that support the idblox ID Credential Ecosystem
- M.O.S.T. Toolz™ User Manual
- Winplex® User Manual

M.O.S.T. Card Configuration Utility™

- User-friendly interface for configuring M.O.S.T. card file structures (CFSs)
- Key configuration function to randomize all keys with one click
- On-card data editor to load and edit user data instantly
- Card file list and label manager with memory resource manager
- User configurable NFC UID lengths

Winplex® API and Middleware

- Over 160 standard functions including card latching, LED control, and reading magnetic stripes (reader-specific)
- M.O.S.T. Biometric Series kits provide additional biometric functions for capture, matching, and compression
- PC/SC card reader support
- Programming examples in C# (.NET framework)

M.O.S.T. Card Demo Software (includes demo cards and programming examples)

- Hello World Demo: How to write a large binary file to the card
- Data Protection Demo: How to protect data with a Global Password and more
- Winplex Demo: Overview of M.O.S.T. Card functions
- Transaction Demo: How to initialize value with ePurse, linear EFs and cyclic EFs
- eSignature Demo: How to sign a data package with FIPS 198-1 signature
- Fingerprint Demo: How to capture, validate, and store ICAO fingerprints (Biometric Series only)

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M.O.S.T. Toolz Kit Options

Part Number	Edition	Card Reader/Scanner
9 700 001	M.O.S.T Toolz™	Contact smart card reader
9 700 009	M.O.S.T Toolz™	Dual mode (contact and contactless) smart card reader
9 700 010	M.O.S.T Toolz™ Biometric Series Fingerprint	Single-digit optical fingerprint scanner and contact smart card reader
9 700 015	M.O.S.T Toolz™ Fingerprint Upgrade to Dual Mode Kit	Single-digit optical fingerprint scanner

M.O.S.T Toolz Reader/Scanner Options

Contact Smart Card Reader

Contact/Contactless Smart Card Reader

Fingerprint Scanner + Contact Smart Card Reader

Fingerprint Scanner

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