

mToken IDENTITY AUTHENTICATION MANAGEMENT TOKENS



Overview

The mToken brand is used for all Century Longmai digital security token solutions for both public and private organizations - represents strength and protection of identities, data and network infrastructure. Today, business leaders are tasked with protecting their organizations from the effects of catastrophic attacks that cause significant losses in minutes and take months to discover, contain and remediate. mToken products respond to the needs for strong authentication, data loss prevention, compliance to governmental security directives and the growing demand for qualified digital signature while meeting growing end-user mobility demands.

Feature Highlights



NG Plug-&-Play Token

High speed, driverless plug-&-play USB devices featuring an intuitive user interface that requires no software set-up.



Next Generation Security

Protect remote access; network accounts credentials, confidential data, etc. with advanced data protection & authentication technology.



Cost Effective

Provides more efficient & cost-effective advanced identity and data management solution that is ready to combat security threats.



Easy to use

Support for local & remote admin management; IT Security can easily update certificates & applications running on end-users' tokens.



Versatile

Feature a strong authentication based on two/multiple factors: the token itself & a PIN, providing an extra level of security for the most sensitive applications.



Universal access

Supports for multiple operating system platforms and cross-vendor integration to enable deployments on any terminal. Windows, Linux, MAC & major Mobile OS supported*.



Customizable

Each token hardware module can be personalized to match customer brand for easy remarketing yet satisfying end-users' requirements.



Highly Scalable

Features on-board flash storage memory for data signature and file encryption - an ideal solution for organizations that require a combination of security, portability, robustness and convenience.*

* Check for details in [Model Matrix](#)

Technical Specification Matrix

mToken Model	CCID	Autoken	UKey	High Speed	NG Bluetooth Token	Micro SD
Supported OS						
Chip Security Level	EAL4+					
Interface / Connector Type	USB 2.0 / USB 3.0 CCID Driverless Device	USB 2.0 /USB 3.0			Bluetooth USB 2.0/USB 3.0	Micro SD/TF USB 2.0/3.0
Processor	32-bit high performance Smartcard Processer					
COS	Longmai's intellectual proprietary smart card OS designed based on a combination of advanced smart card technology with PKI to provide high level security					
Software Platform	Driverless with CSP and Middleware Auto Install					Smart card Micro SD
Windows Smart Card Logon	YES	NO				
Middleware	Comply to PKCS#11 v2.2& MS CAPI, hot-pluggable to IE, Mozilla Firefox, MS Outlook and Express, and many more					
Certificate Storage	Up to 10 (X.509 V3 Digital Certificate)					Up to 16 (X.509 V3 Digital Certificate)
On-board Security Algorithm	<ul style="list-style-type: none"> • RSA, DES, 3DES, AES, SHA-256, SHA-384, SHA-512, MD5 • Hardware generated 2048-Bit RSA Key Pairs. • Optional Support for 3rd part algorithms 					
Memory Size	64K on smart card chip 2MB on Flash for Middleware	64K on smart card chip 4 GB/ 16 GB(Min / Max)	64K on smart card chip 2MB on Flash for Middleware	64K on smart card chip Up to 16GB on Flash Storage		
Weight	8 g	11g	40g*	0.26g		
Dimension	56mm*17mm*8mm	60mm*16mm*7mm	95mm*60mm*9mm	15mm*11mm*1 mm		
Environment	Operating Temperature: 0°C~70°C Storing Temperature: -20°C~80°C Humidity: 0–100% non-condensing					
Memory Cell rewrites	More than 100,000 times					
Casing	Metal/ABS	Metal	Metal	ABS	N/A	
Memory Data Retention	At least 10 years					
Standards						

* This document is provided as a convenient comparison of Longmai identity authentication products. For specific model product datasheets or any other inquiries visit <http://lm-infosec.com> or consult from our [friendly sales](#) and professional [technical support teams](#).

Century Longmai Technology Co., Ltd (HQ)

3/F, GongKong Building, No.1 WangZhuang Rd, Haidian District, Beijing, P.R China
 Postcode: 100083 | T (86) 10-62323636 | F (86) 10-62313636 Web: <http://lm-infosec.com>