



ethenticator™ MS 3000

Touch Verification™ PC Card for the mobile User

As a mobile computer user, convenience and security are two of your primary concerns. The Ethenticator's unique ability to grant access to networks and protected websites, without having to remember to type passwords, makes it a lifesaver while you're on the road with a thousand other things on your mind. It's secure access features put your mind at ease, too, with reliable protection from unauthorized use and data theft.

- Simplifies local and remote network and internet access
- Prevents identity fraud
- Provides secure, one-touch web transactions
- Protects your notebook from prying eyes
- Windows™ XP Professional/
Windows™ XP Home/
Windows™ 2000 Professional
Windows™ 98/98SE/Me/NT 4.0
Workstation (SP4 and greater)



NO MORE PASSWORDS

The Ethenticator™ MS 3000 eliminates the need to remember passwords and lets you instantly access any web site on the internet that requires your password, any application or other text-based information secured by a password or user name / password combination on your mobile computer.

PATENTED TACTILESENSE™ TECHNOLOGY

The Ethenticator™ MS 3000 features TactileSense™. A proprietary fingerprint verification technology that uses a unique polymer-based sensor to transform your finger's electrical field into a supremely secure and convenient gateway to your notebook and your data.



DRIVEN BY SECURESUITE™, POWERED BY YOUR FINGERPRINT

The Ethenticator™ MS 3000 is driven by SecureSuite - a powerful group of software applications designed to provide sophisticated security and ease-of-use. Installing in just minutes with the aid of an intuitive setup wizard, it includes:

SecureLogon™ - Instantly recognizes your fingerprint and allows you, and only you, to log on to your computer. Perfect for local and remote network logon.

SecureSession™ - Simply register your password once with SecureSession and access your investment trading account, your on-line game site, your daily news, your favorite shopping sites - you name it—with the touch of your finger.

Secure ScreenSaver™ - Protect your valuable data from roving eyes while you're on the road or in the office. You turn it on and only your touch turns it off.

SecureSuite Administrator™ - Powerful administrative tools allow you to determine access for different users - all based on their fingerprints.

Security First Corp.

SECURING YOUR DIGITAL WORLD®

PRODUCTS

ethenticator™ MS 3000 (Ethentica P/N: PCC300-001)

PRODUCT SPECIFICATIONS:

Hardware - Physical / Imaging Performance / Electrical / Environmental

Touch Surface	TactileSense™ - Ruggedized patented polymer - 0.075mm thickness			
Size (L X W X H)	PCMCIA Type II: 3.43 x 2.13 x .20 inches (87.1 x 54 x 5 mm)			
Weight	1.3 oz (36.8g)			
Fingerprint Imaging Area	0.76" x 0.56" (active)			
Imaging	Provides Image of 504 dpi			
Image Capture Time	≤ 0.6 seconds			
Interface to Host	Standard 16 bit PCMCIA interface			
Power Management / Current Consumption	Mode	Nominal Current (typical)	Maximum	Description
	Sleep	1.5 mA	5.0 mA	All circuits in lowest power mode
	Snooze	12 mA	25 mA	Finger detect on
	Ready	76 mA	82 mA	Ready to acquire image, no finger
	Active	230 mA	260 mA	Acquire fingerprint image (≤ 0.60 seconds)
Operating Conditions	0°C to 50°C, maximum 95% RH, non condensing at 40°C			
Storage Conditions	-20° to 65°C, maximum 95% RH, non condensing at 40°C			
Mechanical and Environmental tests	Meets PCMCIA specifications			
Touch Surface Life	1 million+ touches (estimated life > 5yrs)			
Patent Pending Retractable Touch Surface	50,000 in/out movements			
Certifications and Approvals	FCC Class B, FCC Part 15; Canadian ICES-003 Class DOC; European CE Mark; TUV; CISPR; VCCI; UL			
ESD	Conforms to IEC 801-2 and CE Level 3			

Software - Driver / Operating System / Application Software

Compatibility	Operating Systems	Windows™ XP Professional/Windows™ XP Home/Windows™ 2000 Professional/Windows™ 98/98SE/Me/NT 4.0 Windows 2000 Advanced Server Biometric Software (sold separately) Major mobile PC's with at least (1) type II or Type III PC Card slot, including: Acer, Compaq, Dell, Fujitsu, Gateway, HP, IBM, Micron, NEC, Sharp, Sony, TI and Toshiba
	PC's	Card and Socket Services - diverse platforms and operating systems. Also supports most PC card readers for desktop computers.
Power Management	Supports ACPI and APM power management specifications	
Fingerprint Matching Algorithm	Security First Corp. Proprietary	
Fingerprint Template Compatibility	BAPI compliant - Microsoft core biometrics standard	
Fingerprint Matching Speed	≤ 0.3 second on Intel Pentium 133	
Fingerprint Angular Variability	± 45°	
Fingerprint Template data Size	≤ 300 bytes	
SecureSuite™ Application Software	Finger Enrollment & System Setup - Simple, wizard-driven configuration guides the user through setting up a Master Password (for hardware override) and Master Access Disk, an Administrator Account to manage system settings (user privileges for single or multiple system users), and a friendly Fingerprint Enrollment capability that easily and quickly enables a user's fingerprints to be captured and enrolled. SecureLogon™ - Controls and simplifies access to PC workstations, as well as local and remote networks. Supports variable settings for fingerprint verification and system logon features including user password verification for additional security if required/desired by user. Secure Screen Saver™ - Protects workstations without having to log off. Automatically locks unattended workstations and requires fingerprint verification to unlock. SecureSession™ - Ability to instantly access any application, file or website secured by a password. SecureSession™ stores user name and password information for any Windows based application or web-based form, releasing it upon fingerprint verification by the user, eliminating the need the next time the application or web-based form requests a user name/password, the user simply places his/her finger on the fingerprint touch surface. Fingerprint verification takes place and the software provides the necessary password information to the application. SecureSuite™ Tutorial - Simple, easy-to-use, easy-to-follow software tutorial.	



Security First Corp.

22362 Gilberto #130,

Rancho Santa Margarita, CA 92688

Telephone : 949-858-7525

FAX: 949-858-7092

Http://www.securityfirstcorp.com