



ADJUSTABLE ERGONOMIC KEYBOARD WITH MULTI-FACTOR SECURITY.

Goldtouch, the leader in ergonomic computer peripherals, introduces the ErgoSecure adjustable keyboard. By combining advanced smart card and fingerprint sensor technologies with the patented, segmented Goldtouch keyboard, ErgoSecure provides a user-friendly solution that's easy to use, easy to implement and gives maximum access, communication and transaction security.

- One** PIN or Password What you KNOW
- Two** Smart Card What you HAVE
- Three** Fingerprint Scan Who you ARE

Simple to adjust, ErgoSecure permits the user to change the configuration both horizontally and vertically, reducing discomfort for the user.

Goldtouch ErgoSecure incorporates SCM STC II chip Smart Card reader and the AuthenTec AES4000 fingerprint sensor. STC II technology is compliant with all crucial existing and emerging banking and IT standards and supports a wide range of e-commerce, authentication, PKI, and network security based applications.

The AuthenTec EntréPad AES4000 is the industry's most reliable fingerprint sensor. Using industry standard 0.35u CMOS technology, it combines silicon-based image capture with proprietary sensor control and matching algorithms to recognize the living layer of skin where the unique ridge and valley patterns of the fingerprint originate.

**Smart Card Reader
SCM STC II**



**Multifactor Identification
and Authentication
Biometric Sensor
AuthenTec AES4000**



Goldtouch ErgoSecure™ SF2.4

ErgoSecure SF 2.4 Keyboard

- Systems: Microsoft Windows 98, ME, 2000, XP
- I.T. segmented keyboard layout ISO/IEC 15411 compliant
- Full size, full travel, tactile feedback keys with soft end-stop (50g key pressure)
- Continuously variable adjustment for wrist pronation as well as wrist splay in 0°-30° vertical tenting as well as horizontal 0°-30°

As seen in DoD Ergonomics Working Group Tutorial 18

SCM STC II Smart Card Chip

- Reads all major smart cards compliant to **ISO7816**, 1,2,3,4 T=0 and T=1 protocols
- Synchronous and Asynchronous mode
- Frequency adjustable clock to speed up transaction
- Adjustable transaction speed with Smart Card, up to 1000Kb/s for fast Crypto data exchange
- 3V and 5V selectable
- **Integrated into the Goldtouch keyboard: is ready or has passed the following certification: Microsoft WHQL, EMV Level 1, Mondex, American Express and Entrust**

AuthenTec AES4000 Biometric Sensor "Industry's best FAR/FRR "

- Scratch & rub resistant >1M rubs
- Operating voltage: 3.5V-5.0V
- Operating temperature range: 0°C through +70°C
- Average power dissipation:
 - 11mW Imaging
 - 250 uW Finger Detection
 - 40 uW Standby
 - 200 mA/H/month Power Switch
- High rate capture:
 - 8-32 Frames per second
 - 250 dpi
- ESD resistant
 - IEC 61000-4-2 Lvl 3

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Goldtouch Ergonomic Keyboard compatible with CAC (Common Access Card) Program

Joint Interoperability Test Command (JITC) U.S.A VALIDATES GOLDTOUCH® SECURITY KEYBOARDS FOR U.S. DEPARTMENT OF DEFENSE.

IRVINE, CA, JUNE 25, 2003 - Goldtouch Technologies, Inc., a visionary company in the design and development of ergonomic desktop computer equipment, has launched two versions of their adjustable keyboard with security features. The keyboard with embedded smart card reader (SC2.0) and the keyboard with both smart card reader and fingerprint reader (SF2.4) have successfully passed testing at Joint Interoperability Test Command (JITC). The agency evaluates compatibility and functionality between the approved security middleware products and Common Access Card (CAC) readers being deployed throughout the Department of Defense (DoD). JITC will enter both Goldtouch® Keyboards into the DoD CAC Product Registry. Contact JITC with questions regarding products they have tested and validated at JITCIATEAM@ncr.disa.mil

In addition, the Department of Defense Ergonomics Working Group features the Goldtouch® Adjustable Keyboard in their Fact Sheet 18 on "Including the Right Keyboard for You." The patented, segmented Goldtouch® keyboard permits the user to change its shape 0° to 30° both horizontally and vertically, reducing the discomfort that can contribute to repetitive strain injury (RSI). The objective behind all Goldtouch products is to enhance comfort and productivity for computer users.

Among the most important issues facing public and private organizations today is information security. With sprawling networks on and offline and multiple users of individual workstations, passwords or PINs offer minimal protection. All military personnel are currently being issued their Common Access Cards with an individual's personal identifiers embedded in the card. The U.S. government has mandated that employees within the Department of Defense are to be issued a CAC by the end of 2003, with non-military departments to follow.

Designed to be interoperable with CAC, Goldtouch® introduces the SC2.0 Adjustable Keyboard with integrated smart card technology for positive verification of user identity. Compatible with Enterprise Software Initiative approved middleware designed by DataKey and SSP Litronics, the Goldtouch® SC2.0 Keyboard complies with the standards and provides a high level of access, communication and transaction security. Utilizing the SCM STCII chip, the Goldtouch® keyboard with smart card reader supports a wide range of e-commerce, authentication, PKI, and network security based applications.

For multi-factor security, Goldtouch® has developed the SF2.4 embedding smart card and fingerprint sensor technologies into their ergonomic keyboard. The SF2.4 incorporates the SCM STC II chip Smart Card reader and the AuthenTec AES4000 fingerprint sensor. The AuthenTec fingerprint sensor combines silicon-based image capture with proprietary sensor control and matching algorithms to recognize the living layer of skin where the unique ridge and valley patterns of the fingerprint originate. The Goldtouch® SF2.4 provides a user-friendly solution to maximum access, communication and transaction security.

Mark Goldstein, co-founder of Goldtouch Technologies, Inc, has said, "Our new security keyboards offer comprehensive, high-tech solutions using the latest in biometric and computer technologies. Headlines continually demonstrate the continuing need for improved physical, electronic and cyber access security for both the public and private sectors. The SC2.0 and SF2.4 have been designed to eliminate security breaches in computers while providing essential ergonomic benefits."

KEY POINTS

TESTED

Tested and validated by JITC for U.S Department of Defence Common Access Card Program

AUSTRALIAN OWNERSHIP

SMART CARDS

The SCM STC II chip Smart Card reader is compatible with all ISO 7816 compliant smart cards, and are typically compatible with: ActiveCard, SCM, Schlumberger, Oberthur, Gemplus, Infineon, G&D in conjunction with approved middleware products.

SOFTWARE

Microsoft WHQL approved on both keyboards.

ErgoSecure SC2.0

Ergonomic keyboard with integrated Smartcard Reader
Win 98 and SE, 2000, XP

ErgoSecure SF2.4

Ergonomic keyboard with integrated Smartcard Reader _ Biometric Sensor
Win 2000 and XP with 98 to follow.

MIDDLEWARE

JITC has approved these keyboards for use with DataKey and SSP-Litronics and are to continue testing with other security middlewares

ERGONOMIC

The best ergonomic keyboard solution available. Complies with ISO/IEC 15411 Information technology - Segmented keyboard layouts.



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